From: Motorola Solutions
To: McCarthy, Steven (POL)
Subject: $84.5M Available For Law Enforcement & Tech Programs
Date: Thursday, August 1, 2019 9:29:56 AM

FY19 $84.5 Million in Funds Available
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APPLY BY AUGUST 23

mainimage

For decades, the Byrne Justice Assistance Grant (JAG) program has funded key law enforcement initiatives allowing agencies to reduce crime and enhance citizen safety. The Bureau of Justice Assistance recently released its 2019 Byrne JAG solicitation. These funds can be used to invest in technologies that promote officer and community safety including mission-critical communications equipment, digital evidence solutions, public safety software, video security and analytics solutions, ALPR, and more.

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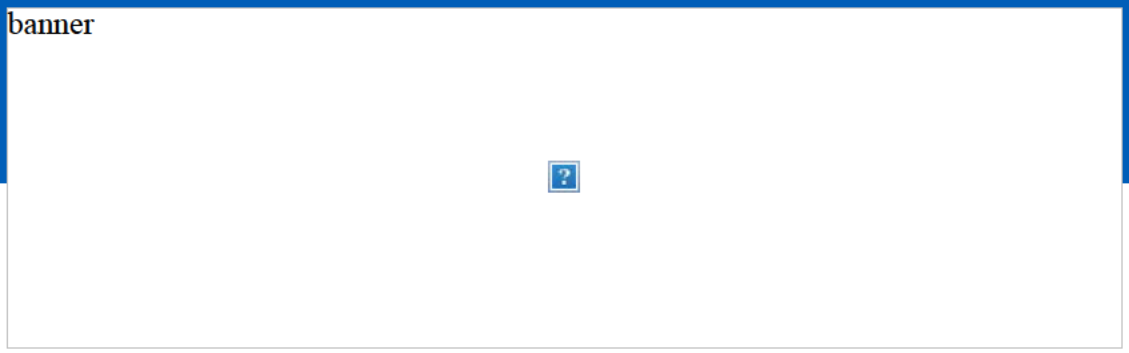
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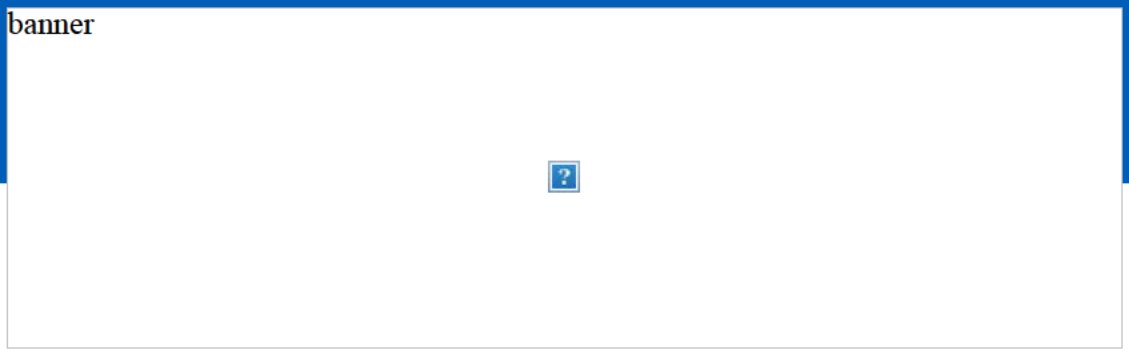
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- How to control access to sensitive information
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From: Motorola Solutions
To: Mason, Christopher (POL)
Subject: [Brief] How to Improve Case Management
Date: Tuesday, June 11, 2019 2:50:21 PM

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From: Motorola Solutions
To: Roy, Matthew (POL)
Subject: [Brief] How to Improve Case Management
Date: Wednesday, June 12, 2019 2:50:37 PM

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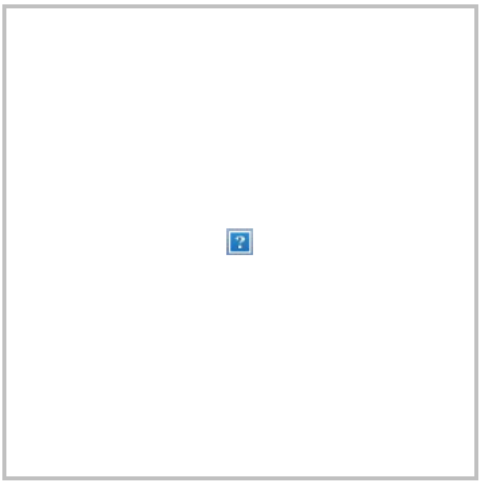
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From: PoliceOne Roll Call
To: McCarthy, Steven (POL)
Subject: 4 dead, 6 wounded in Calif. MCI; 3 killed outside Okla. Walmart
Date: Monday, November 18, 2019 3:05:59 PM

November 18, 2019 | View as webpage

TOP STORIES



3 killed in shooting outside Okla. Walmart

Police say the shooter is among the dead, are searching for witnesses

4 dead, 6 injured in shooting at Calif. home

Video captures bikers taunting cop; 1 rider arrested

NY bill would make 'annoying, alarming or threatening' police a crime

Police: Intoxicated 14-year-old led Wash. troopers in vehicle pursuit

Girl who survived father's suicide is NYPD officer for a day

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Knowledge and awareness can make domestic violence response safer for the men and women on the frontlines



The 2 most dangerous moments of domestic violence calls

By Lt. Dan Marcou

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From: Association Of Law Enforcement Intelligence Units (LEIU)
To: Thibault, Amy (POL)
Subject: A Publication of the LEIU Executive Board - The Source
Date: Wednesday, October 30, 2019 8:39:03 AM

Image

The LEIU Source is a weekly news publication brought to you by the LEIU Executive Board.

Each Wednesday, we share with you a few of the articles or intelligence-based publications that have come across our desk. We are exicted to see, each week, Law Enforcement Officers, Analysts and Administrators from around the world reading this.

If you have a publication or an article that you feel needs to be shared, please send these to IntelligenceAnalysis@mac.com for review.

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Wednesday 10/30/19

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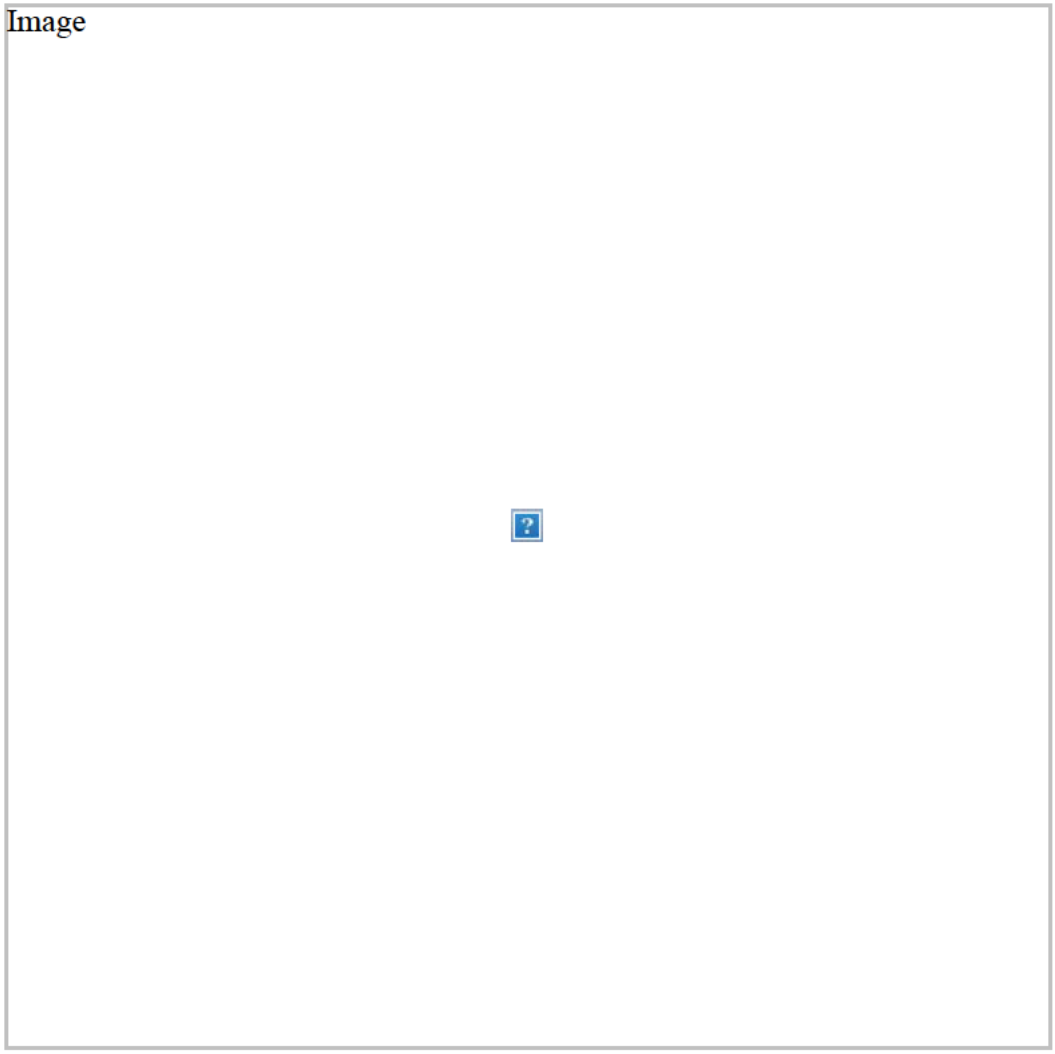


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BAE wins open source intelligence

contract from the Army

Image



The Army has awarded BAE Systems a $437 million task order for open source intelligence support, the company announced Oct. 15 during the 2019 Association of the United States Army conference.

As part of the task order, BAE Systems will provide the Army and Army Intelligence & Security Command (INSCOM) approved partners with open source solutions to publicly available data.

“We’re proud to continue to partner with the U.S. Army and support their critical national security missions with this new capability,” Peder Jungck, vice president and general manager of BAE Systems’ intelligence solutions business.

The company won the initial award of the five-year task order

and began ramping up in August, Jungck said. The task order is an extension of projects the company has been doing for the Army, but this is the first time the work been consolidated and awarded as a larger contract, he explained.

“If you look at contracts in general around OSINT there’s been kind of small ones, there’s been lots of pilots out of agencies and even within the Army and throughout INSCOM there were different kind of brigades and battalions that had their own set of tools," he said. "This is one of the first of the really large OSINT and AI consolidation contracts. I don’t think anybody’s really had a large one like this.”

Calif. police stand by cop after video released in 2017 OIS of murder suspect

Image



FRESNO, Calif. — Community activists are expressing outrage

after seeing video footage that shows a Fresno police sergeant fatally shooting an unarmed 16-year-old boy as he fled during a foot pursuit.

Meanwhile, the local police union and supporters of law enforcement have stepped up in support of the sergeant, saying he acted within guidelines while pursuing a murder suspect.

The footage shows Sgt. Ray Villalvazo firing a single shot into the back of Isiah Murrietta-Golding's head, according to a lawsuit filed on behalf of the teen's family.

The video was captured on a surveillance camera at a daycare facility on April 14, 2017, and was released by attorney Stuart Chandler, who's representing the family of Murrietta-Golding. The boy's family alleges the sergeant used excessive and unlawful deadly force, and committed assault and battery with negligence.

Additionally, in footage released from a police officer's body camera, one officer is heard shouting "good shot" as officers handcuff and search the already prone Murrietta-Golding.

Asia has an organized-crime problem. Canada is well placed to help

Image

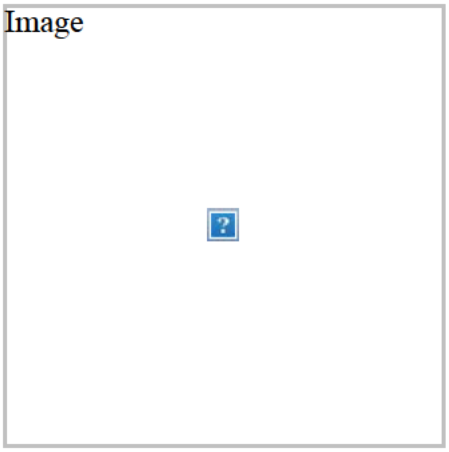
Jeremy Douglas is the regional representative for the United Nations Office on Drugs and Crime (UNODC) for Southeast Asia and the Pacific and a former UNODC representative for Pakistan. The opinions expressed in this commentary are his.

More than a few eyebrows went up last week when Tse Chi Lop – a 55-year-old Canadian man – was accused of being arguably the biggest drug trafficker in the history of Asia.

Mr. Tse is suspected – by police in Myanmar, Australia and Taiwan, and by the United Nations Office on Drugs and Crime (UNODC) – of being the leader of Sam Gor, or Brother Number Three, a supersyndicate largely responsible for the dramatic shift in recent years in organized crime away from drugs such as heroin and toward synthetics, such as methamphetamine, ketamine and fentanyl. It's a shift that has been driven by control and profit, since synthetics offer many advantages to criminal organizations: Labs can be quickly set up or moved;

they are not subject to external conditions such as climate, nor do they require large work forces; and production can be rapidly scaled up to drive the market. Put these things together and it means the disruption of the traditional drug business and the heavily concentrated profits that come with it.

Florida Senator Rick Scott Announces Legislation To Address 'FBI Failures' Regarding Parkland Shooting



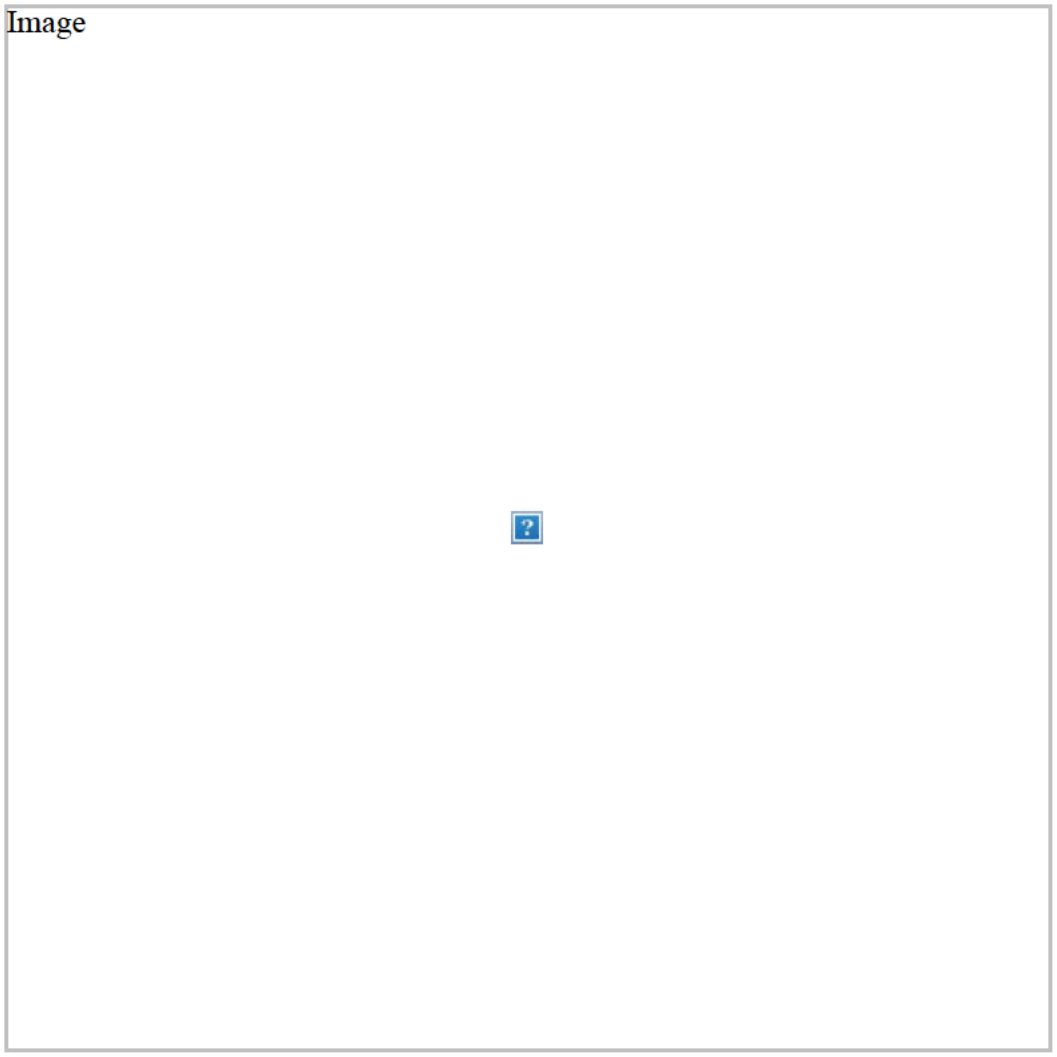
MIAMI (CBSMiami) – Florida Senator Rick Scott announced legislation Thursday to hold the Federal Bureau of Investigations accountable for its 'failures to address critical deficiencies in its handling of actionable intelligence' in regards to the mass shooting at Marjory Stoneman Douglas High School in 2018.

The 'Threat Information Protocol for Sharing (TIPS) Act' is supported by Stand with Parkland, an organization founded by the family members of the victims of the Parkland shooting.

"Not a day goes by that I don't think about the 17 souls that were taken from us in a brutal act of violence at Marjory Stoneman Douglas High School. Following the tragedy, we all worked together to pass the Marjory Stoneman Douglas High School Public Safety Act to make our schools safer and prevent future tragedies, but we aren't finished. We cannot accept the repeated failures of the FBI to properly investigate and act on specific tips received about the Parkland shooter, as well as other perpetrators of mass violence in Florida. I'm

proud to stand with the family members of the victims to announce the TIPS Act, which bridges the gap between federal and state law enforcement agencies by mandating information sharing of all state-specific criminal intelligence tips. This is about getting information on threats into the hands of the right people, who can ultimately prevent violence and protect our families," Scott said.

Majority of Mexicans Say Organized Crime Stronger than Government after El Chapo's Son Released



A majority of Mexicans see organized crime as more powerful than the Mexican government after government forces capitulated to drug-cartel strongmen and released the son of

the former cartel leader Joaquín Guzmán, known as “El Chapo.”

About 56 percent of Mexicans say they believe organized crime is stronger, while only 33 percent say the government is stronger, according to a poll by the Mexican newspaper Reforma.

Mexican authorities were forced on Thursday to release Ovidio Guzmán López, El Chapo’s son, shortly after capturing him, when the Sinaloa cartel laid siege to the city of Culiacán and surrounded Mexican troops, taking eight soldiers hostage. Officials said at least 14 people died during the clashes between cartel members and Mexican soldiers.

49 percent of respondents in the Reforma poll disagreed with the decision to release López, while 45 percent said they supported it. Residents of Culiacán expressed relief that the government had surrendered, saying the decision prevented further violence.

Mexican lawmen get FBI training to combat organized crime, terrorism

Image

JUAREZ, Mexico — Three Chihuahua state lawmen recently completed intelligence and intervention training courses sponsored by the FBI, according to the State Security Commission.

Alvaro Serrano Escobedo, the commission's operations director, received training on anti-terrorism, intelligence gathering, leadership and the combat of organized crime at FBI headquarters in Quantico, Virginia. The training is part of the FBI's Mexican Law Enforcement Executive Development (MEXLEED) program, the commission said in a news release.

Ginés Jaime Ruiz García, first officer of the Chihuahua State Police, and Jesús Alejandro Cruz Rangel, who heads rural operations for the agency, attended the FBI's Mexican American Liaison and Law Enforcement Training (MALLET) program in South Padre Island, Texas, the commission said.

The three lawmen were among 30 duly vetted Mexican officials chosen by the FBI for training this year, the commission said.

63 accused drug dealers plead guilty in heroin, fentanyl and cocaine trafficking rings

Image

SYRACUSE — New York State Attorney General Letitia James has announced the guilty pleas of 63 people for their roles in two major narcotics trafficking operations that transported heroin, fentanyl, and cocaine to Onondaga, St. Lawrence, Oswego, Oneida, and Jefferson counties.

The investigation resulted in the recovery of approximately 4,700 bags of heroin and fentanyl, worth approximately $140,000, and approximately 2 kilograms of cocaine, worth more than $200,000, according to a news release from the Attorney General's office.

“These individuals flooded our communities with dangerous drugs that are putting New Yorkers at great risk,” said Attorney General Letitia James in the news release.

House bill would give border agents tool to detect synthetic opioids

Image

A bill that would give U.S. Customs and Border Protection (CBP) agents the equipment to detect synthetic opioids has been introduced in the U.S. House.

The DHS Opioid Detection Resilience Act of 2019 requires the Commissioner of CBP to procure chemical screening devices that allow border patrol agents to identify narcotics, including synthetic opioids, with purity levels of less than 10 percent. A

2018 study by the Drug Enforcement Administration (DEA) found that most fentanyl seized at the southwest border tends to be less than 10 percent pure. These changes would fill the gap that currently exists in identifying these synthetic opioids.

“Stopping the flow of illegal drugs across our southern border and at ports of entry is a top priority for our CBP law enforcement officers. This includes fentanyl and other synthetic opioids that can be difficult to detect. Our legislation ensures that DHS has the necessary equipment to detect synthetic opioids and the ability to adapt as smuggling methods evolve. We want to prevent this poison from ever reaching American communities, and our bill helps law enforcement carry out that mission,” Rep. Clay Higgins (R-LA), the bill’s sponsor, said.

Teens brawl with police in Brooklyn subway station

Image

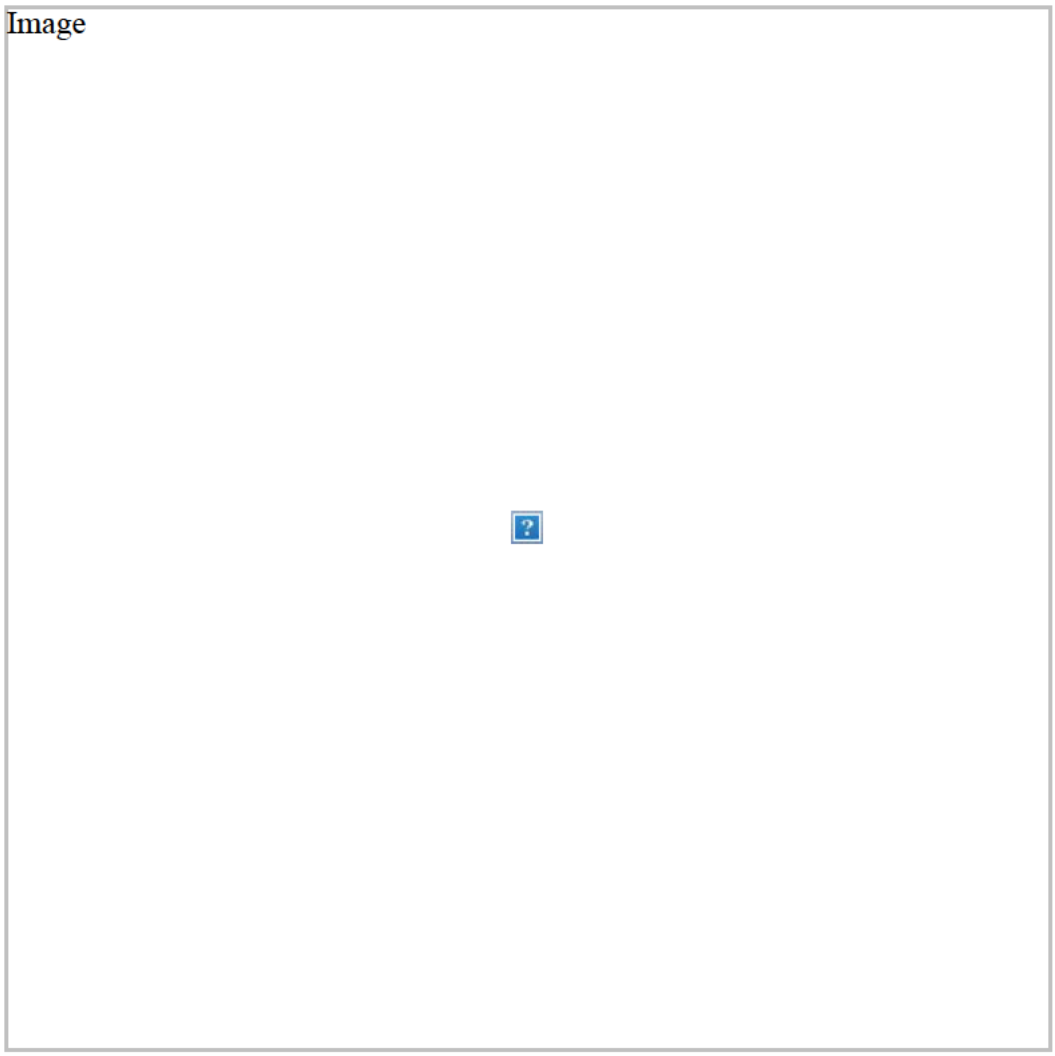
BROOKLYN, N.Y. – A video showing members of the NYPD trying to break up a fight and instead ending up in an all-out brawl with a mob of New Yorkers has gone viral… and media outlets were quick to condemn the cops who were involved.

The Post said that the incident unfolded on Saturday morning around 2:30 a.m. as officers responded to the scene of a fight on the platform of a subway station. The fights had originally began up on Jay Street between two groups of people before the violence spilled down into the station.

Cell phone video captured at the scene shows officers rush into the area and try to pull the brawling teens apart, attempting to put one of the suspects in handcuffs. Other individuals on the outside of the skirmish appear to be pulling the officers away.

The heartbreaking final text this human trafficking victim sent before dying in UK truck

Image



A 26-year-old Vietnamese woman texted her mom frantically that she was suffocating in the truck in which the bodies of 39 people were found in England — and apologized that her journey to a better life ended tragically, according to a report.

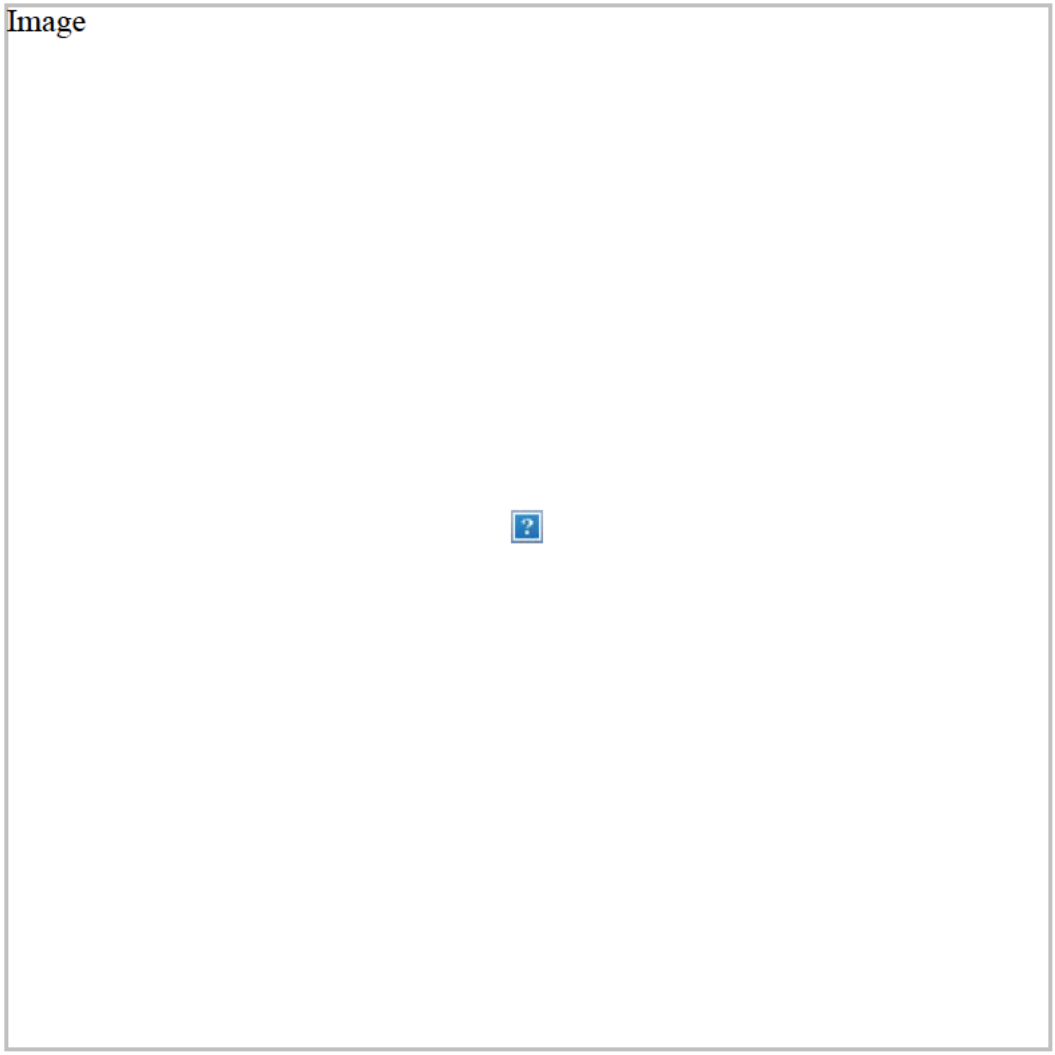
“I’m sorry Mom, my path to abroad didn’t succeed,” Pham Thi Tra My wrote in a series of messages about 10:30 p.m. Tuesday, according to the Mirror.

“Mom, I love you and Dad so much! I’m dying because I can’t breathe,” she added.

News about the young woman’s final moments emerged as two more people were arrested after eight women and 31 men were found dead Wednesday in a case that has shocked

Britain and made headlines around the world.

Labor Trafficking Is A Crime You Probably Don't Notice



It has been more than four years since Catherine Piedad called 911 from a $1.7 million home in Newton.

In 2015, she worked long hours to care for a Russian family's young twins. Her passport was taken, and she slept in a small room with little light and nowhere to store her clothes. When she asked to be paid, her employer threatened to send her back to the Philippines. She feared deportation and did not know who to trust.

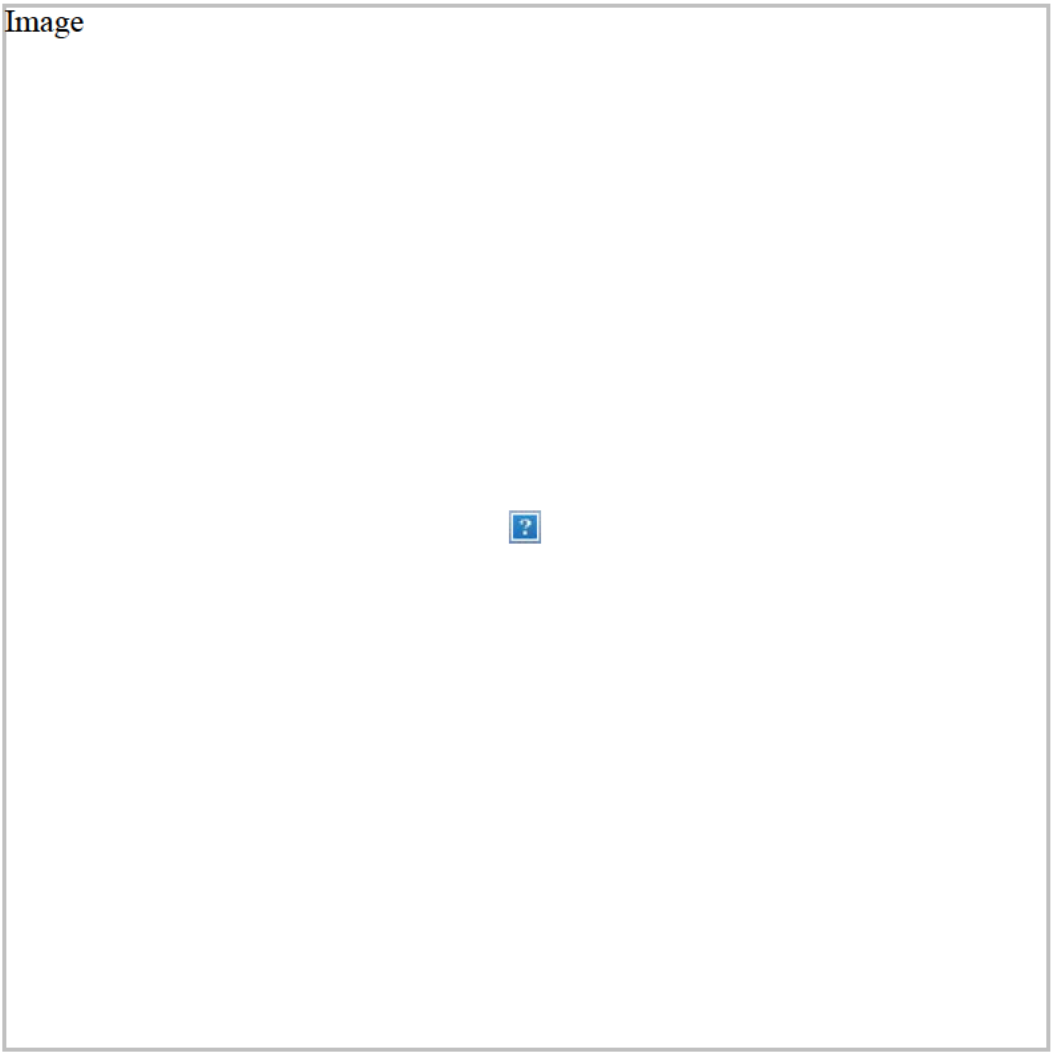
Despite her fear, she called 911. Law enforcement helped her

to leave the family's home but did little else. They did not see her case as "labor trafficking." Instead, the incident was labeled a "labor dispute." Piedad struggled to access her rights — despite the robust federal and state laws designed to protect her.

You've probably heard of sex trafficking, which often involves perpetrators who force, trick or coerce victims into sexual servitude. Although difficult to see, sex trafficking is often visible to law enforcement through the internet: perpetrators sometimes leave a footprint online, which can provide a critical entry point for criminal investigations.

The Mafia's history in Las Vegas: From Bugsy Siegel to Anthony Spilotro

Image



Benjamin "Bugsy" Siegel had been at the helm of the Flamingo

for only six months in June 1947 when he was killed in a hail of gunfire at his girlfriend's Beverly Hills, Calif., home.

But his vision for the Flamingo, the first resort-style hotel on the Strip, was the beginning of a 50-year relationship between Las Vegas and traditional organized crime that helped define "Sin City"and turn it into one of the world's top tourist destinations.

"The general perception on the part of the public is that Las Vegas and the mob have been inextricably linked, and I don't think it will ever be extricated," former longtime state archivist Guy Rocha says.

Groundbreaking books such as "The Green Felt Jungle" in 1963, which revealed the mob's early grip on the city, and popular movies such as "The Godfather" in 1972 and "Casino" in 1995 enhanced this perception through the years.

So did the buzz on the Strip over the Rat Pack, led by headliner Frank Sinatra and his associations with high-profile underworld figures.

New Bill To Bring Illegal Gambling In California Closer To An End

Image

Gambling in the US, as well as in the whole world, is one of the most entertaining and lucrative endeavors. Not only does it provide fun and joy to the players, but it also offers an opportunity to make a fortune.

The gambling operators all around the world are doing everything they can to attract new customers. From online free spins for Australians to no deposit bonuses and other promotions in other countries, casino operators are full of such impressive offers.

However, the industry isn't just this fairy-tale source of joy and money. It also has its drawbacks. With problem gambling, organized crime, and money laundering prospects, gambling has long been considered threatening to society.

That's the reason why the US government, alongside other governments worldwide, have been eager to put the industry

under the limitations and protect the interests of their citizens. With the regulatory restrictions and measures, the government officials have deemed ill-gotten gains illegal and contributed to ending gambling-related crime.

Best true-crime books of all time

Image

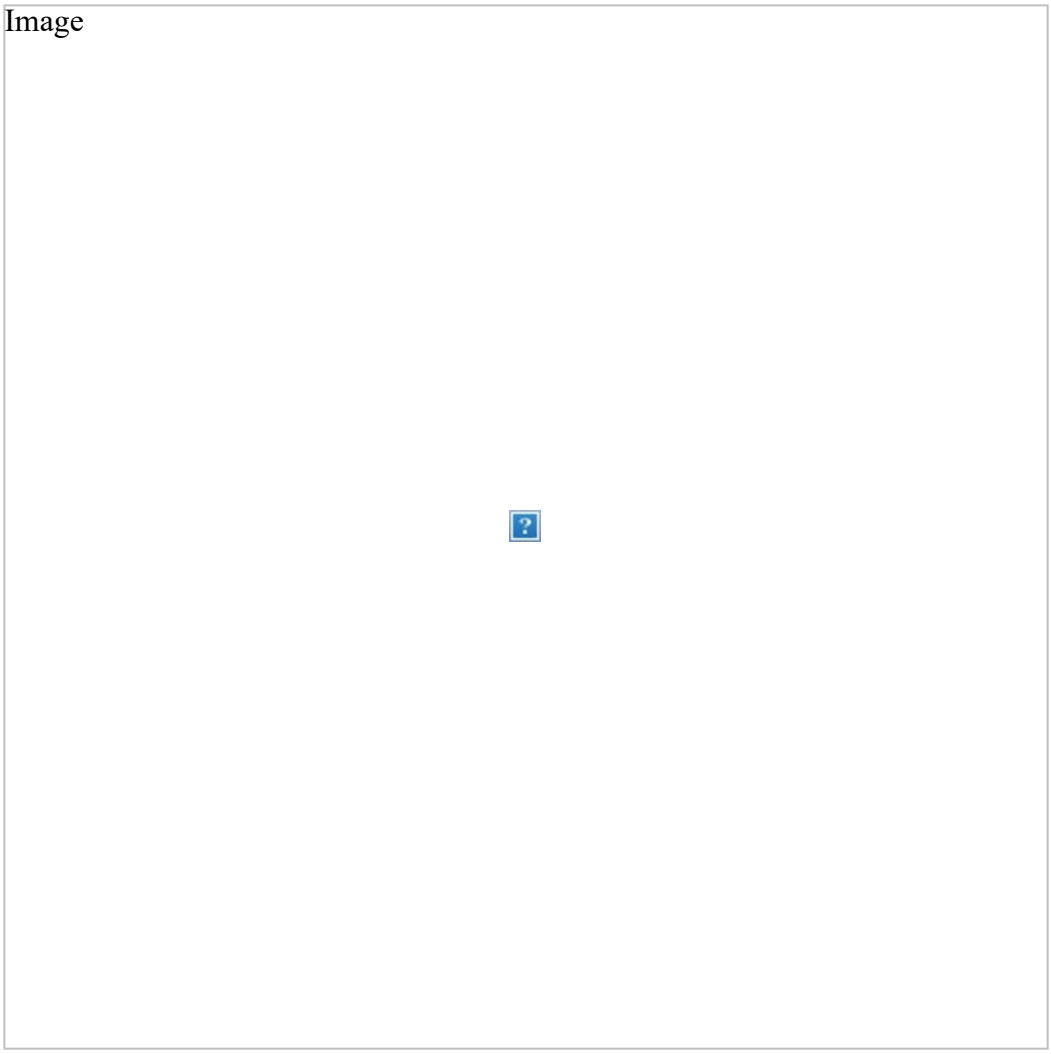


Terrifying tales are not the domain of fiction alone. If you are in search of bone-chilling scares, we recommend you turn to true crime. The key word being true. That's right, no imagination needed. Including stories about such horrific figures as Charles Manson and Ted Bundy, Goodreads compiled a list of the top 10 true-crime books of all time based on the lists, reviews and ratings of their more than 90 million members.

AP

How a Facebook Crime Page Led to Arrest of N.C. Woman in Cold Case Killing of Sister-in-Law

Image



A Facebook page devoted to the murdered, missing or miscreant residents of western North Carolina is being credited with helping authorities bring charges in the 15-year-old cold-case killing of a missing mom of four, allegedly at the hands of her sister-in-law.

The tip that led authorities to a “shallow grave” containing the remains believed to be those of 29-year-old Deborah Elaine Deans “proved to be very accurate and very reliable,” Nash

County Sheriff Keith Stone told reporters last week.

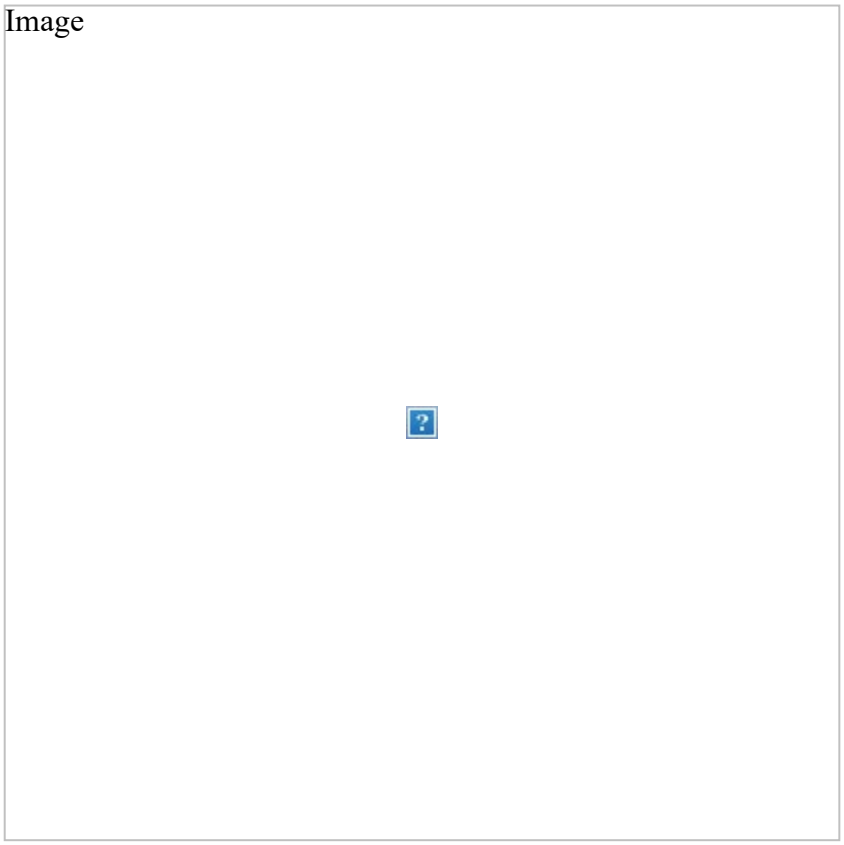
But the tipster did not go to police at first.

Instead, the unidentified person sent information about the alleged crime to a woman who created and runs a Facebook page called Fighting Crime News and Who's Wanted, an online outlet whose updates range from wanted posters to promotions of local elections and warnings about traffic tie-ups.

On October 20, a re-post about the unsolved missing-person case of Deans — who was last seen around 9 a.m. on January 19, 2004, at a residence on Wiley Road in Spring Hope — elicited a "very detailed" response that was forwarded to authorities by the Facebook page creator, said Nash.

Google Maps Adds ability to see speed limits and speed traps in 40+ countries

Image

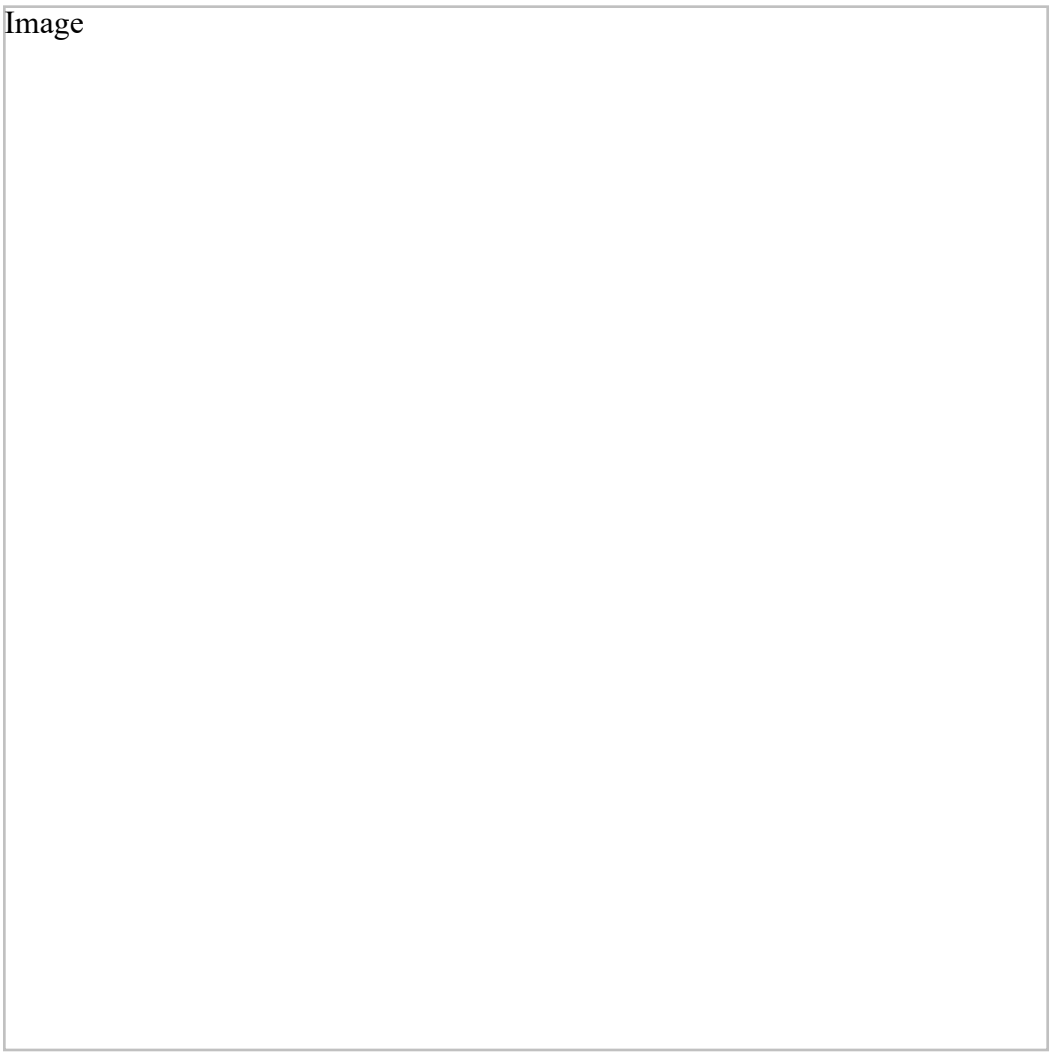


Google Maps is gaining some features previously exclusive to Google's navigation app, Waze. The company confirmed it's rolling out the ability for Google Maps users to see speed limits, speed cameras and mobile speed cameras in more than 40 countries worldwide — an expansion of its earlier launch of these features, which were previously limited to select markets.

The change was noted earlier by ZDNet and, of course, Reddit.

Google confirmed with TechCrunch the full list of supported countries now seeing the speed cameras, which currently includes: Australia, Brazil, U.S., Canada, U.K., India, Mexico, Russia, Japan, Andorra, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, Greece, Hungary, Iceland, Israel, Italy, Jordan, Kuwait, Latvia, Lithuania, Malta, Morocco, Namibia, Netherlands, Norway, Oman, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, South Africa, Spain, Sweden, Tunisia, and Zimbabwe.

The Ethics Board of One of the Largest Vendors of Police Tech (Axon) Makes the Case Against ALPRs



Automated License Plate Readers (ALPRs)—a mass surveillance technology that allows law enforcement to record the location and travel patterns of nearly every driver on the road—are poorly regulated, threaten privacy, and worsen the racial and economic inequalities already ingrained in our justice system.

That's what EFF and other advocates have been saying for years. But now it's coming from an oversight body formed by one of the nation's largest police tech vendors.

Last week, the AI and Policing Technology Ethics Board at Axon, a tech company best known for popularizing body-worn cameras and the Taser, released a damning report concerning the commercial sale of ALPRs. The board, whose purpose is to "help guide and advise the company on ethical issues," concluded that while it sees the potential value of ALPRs, their current role in society is too broad and problematic. The sheer

amount of information that ALPRs gather and store was also a concern for the ethics board—particularly when privately collected data is often for sale to whoever wants to buy it.

ALPR systems include cameras that can be mounted on vehicles like police patrol cars or private tow trucks, or on stationary locations such as streetlights or overpasses. These cameras capture every license plate that passes and index them based on time, date, and location. A police officer can search ALPR databases to learn where a vehicle was in the past or even get real-time alerts when a driver passes by an ALPR camera. Research by EFF, MuckRock, and others have found that even small police departments are able to collect millions of plate scans a year, and often agencies are sharing this data with hundreds of other agencies across the country. Private companies also use ALPR and sell their data to police, financial lenders, insurance companies, private investigators, and debt collectors.

Amazon's Ring is 'the Neighborhood Watch of 2020,' police say as doorbell cams proliferate

Image

That’s all it took Livonia Police to arrest a man, who hours earlier was caught on video posted on Ring’s Neighbors app rummaging through the bed of a pickup parked in a driveway.

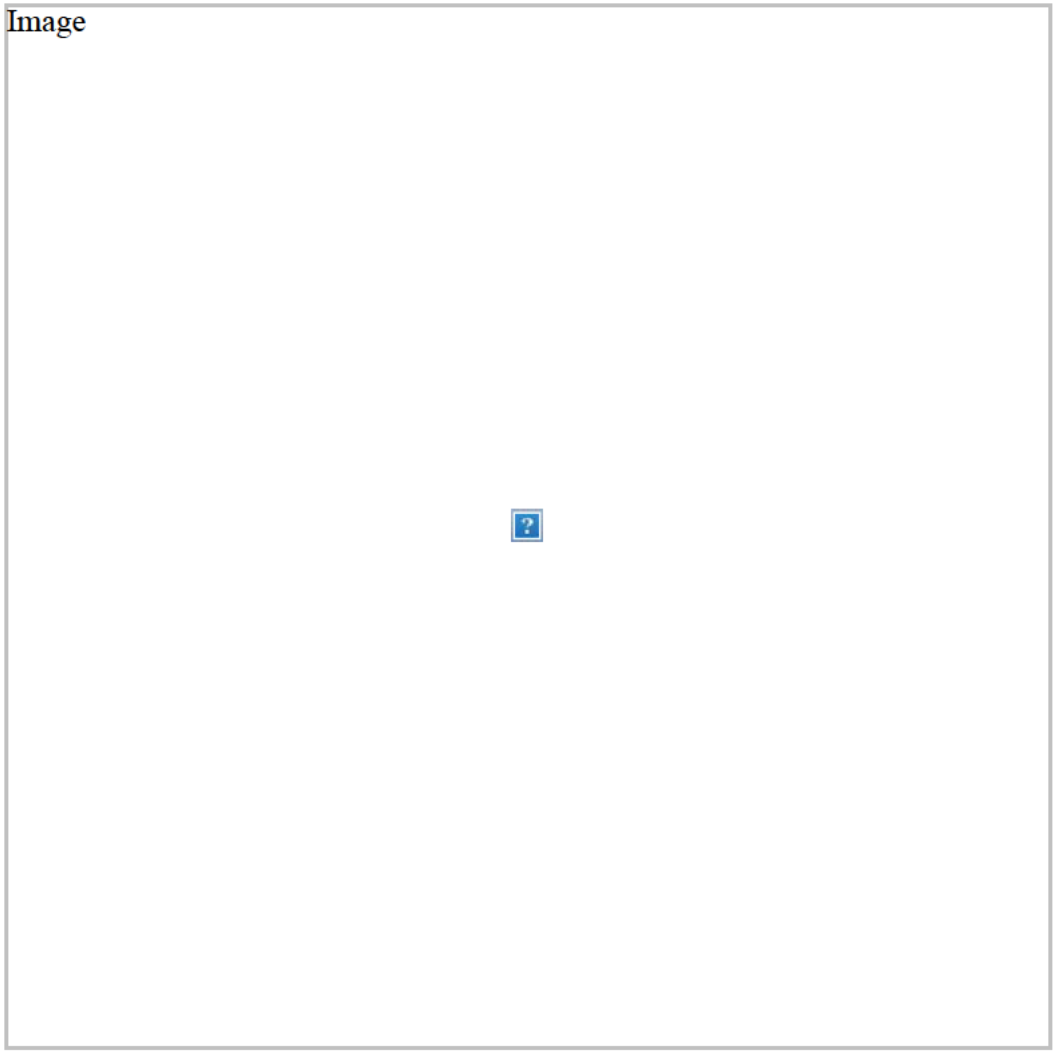
Detectives quickly recognized 60-year-old Jeffrey Couch when they saw the video posted by an app user in mid-August. Within a week, he pleaded no contest in court to two attempted larceny charges and was sentenced to 30 days in jail.

“I truly believe this is the Neighborhood Watch of 2020,” said Livonia Police Capt. Ronald Taig, whose force was one of the first law enforcement agencies in Michigan — and is one of more than 400 across the country — to partner with the Ring Neighbors app, owned by Amazon.

How the deadly drug fentanyl

is making its way to the US

Image



Trump administration officials are divided over part of a proposal to crack down on illicit versions of fentanyl, the deadly synthetic painkiller that President Donald Trump targeted in declaring a national opioid abuse emergency.

In an inter-agency dispute that highlights the challenges of curbing opioid abuse, the US Drug Enforcement Administration (DEA) is publicly backing tighter rules for fentanyl analogs, which are slightly altered copycat versions of the powerful drug fueling an explosion in overdoses.

In this case, the bill would cut the Food and Drug Administration out of the time-consuming review process by letting the DEA permanently classify illicit fentanyl analogs as Schedule I drugs, like heroin, which are deemed to be addictive with no medical use.

The DEA says these legal changes would help prosecutors keep pace with criminals who constantly churn out chemically tweaked fentanyl analogs to evade strict Schedule I regulations.

Of 70,200 US drug overdose deaths in 2017, according to the CDC, about 41% involved synthetic opioids, such as fentanyl and illicit analogs of it. Most of them are made in China.

Fentanyl, some versions of which are approved to treat cancer pain, is 100 times more potent than morphine.

Trump Orders Study of Root Causes of Crime, Policing Practices

Image

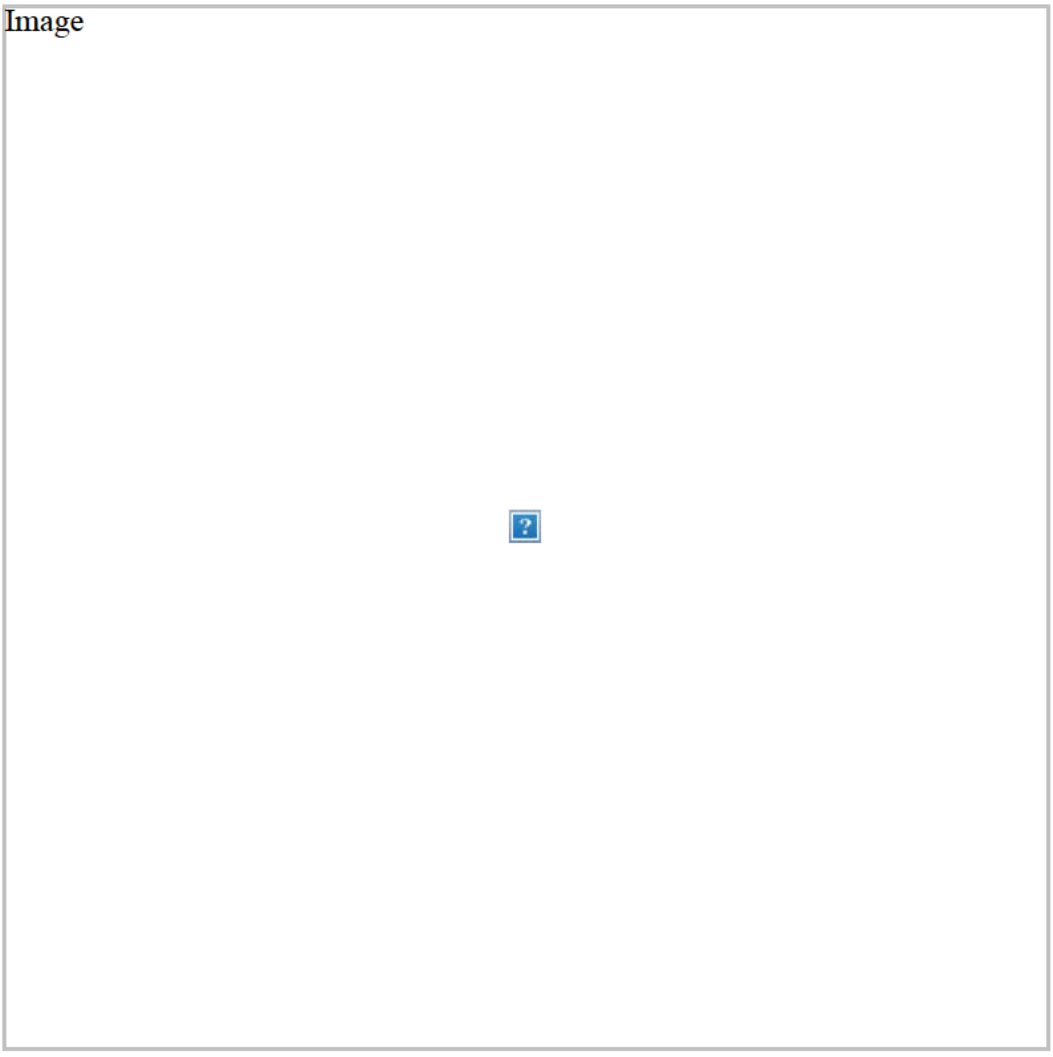
President Trump on Monday ordered Attorney General William Barr to establish a new commission to study crime and law enforcement with the goal of recommending “actions that can be taken to prevent, reduce, and control crime, increase respect for the law, and assist victims.”

Following remarks in Chicago at the annual International Association of Chiefs of Police conference, the president signed an executive order establishing the Commission on Law Enforcement and the Administration of Justice. The commission will study the influence of substance abuse, homelessness and mental illness on crime as well as examine best practices to recruit, train and support law enforcement, among other things.

“Rigorous study of crime, including its causal factors, and current law enforcement practices is essential to assessing our current criminal justice system's merits and opportunities for

improvement," the executive order stated. "Public safety and proper policing are issues of both national and local significance that continue to require the close cooperation and coordination between the Department of Justice and state, local, and tribal law enforcement."

Quality Afterschool Programs Proven to Reduce Crime

Image 

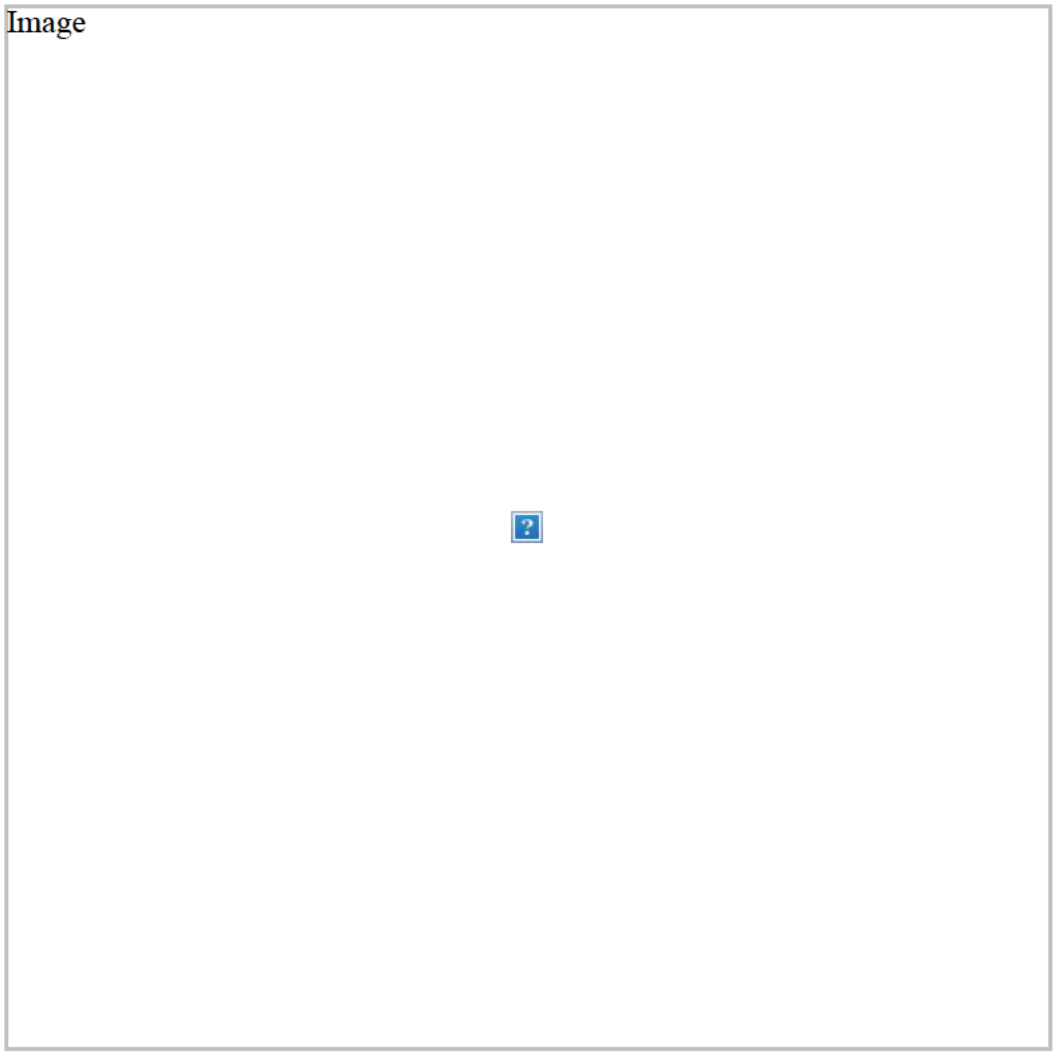
As a member of your District Attorney's Office for almost 30 years, and your DA for nearly 10, I've learned that the hours after school lets out are the prime time for juvenile crime.

It is between these hours of 2 to 6 p.m. that youth are more likely to be arrested for assault, theft and drug-related crimes.

Quality afterschool programs have been proven to reduce these crimes in our community, keep students engaged, and improve academic performance and student behavior.

A new report from Fight Crime: Invest in Kids shows that when youth have access to high-quality, affordable afterschool programming, they benefit immensely from homework help and outdoor activities, and they're less likely to commit or become victims of crime.

Australia's government is floating an idea to scan internet users' faces before they can watch porn online



Australia's Department of Home Affairs has touted an idea to use facial recognition software in order to verify internet users

ages before they can access pornography or gambling websites.

In its parliamentary submission, the department says that its Document Verification Service and Face Verification Service — though broadly intended to be used as systems for fighting crime and identity theft — could also be used by police for age verification controls.

"This could assist in age verification, for example by preventing a minor from using their parent's driver licence to circumvent age verification controls," the submission states.

"Whilst they are primarily designed to prevent identity crime, Home Affairs would support the increased use of the Document and Face Verification Services across the Australian economy to strengthen age verification processes."

Police turn to hackers in Australia's first crowdsourced attempt to find missing people

Image

For decades the traditional 'missing person' poster has been used to enlist the community's help to find individuals who may be in danger.

But with more than 2,600 Australians now listed as a "long-term" disappearance, the federal police are trying what they hope will be a more successful tactic: turning the search into a game.

More than 350 internet sleuths and "ethical hackers" — hobbyists and professionals — gathered at 10 locations around the country on Friday in a national missing-persons "hackathon".

The aim was to generate leads for 12 of Australia's most frustrating cold cases, using sophisticated but legal methods of trawling the internet.

And organisers said the results were astounding: 100 leads

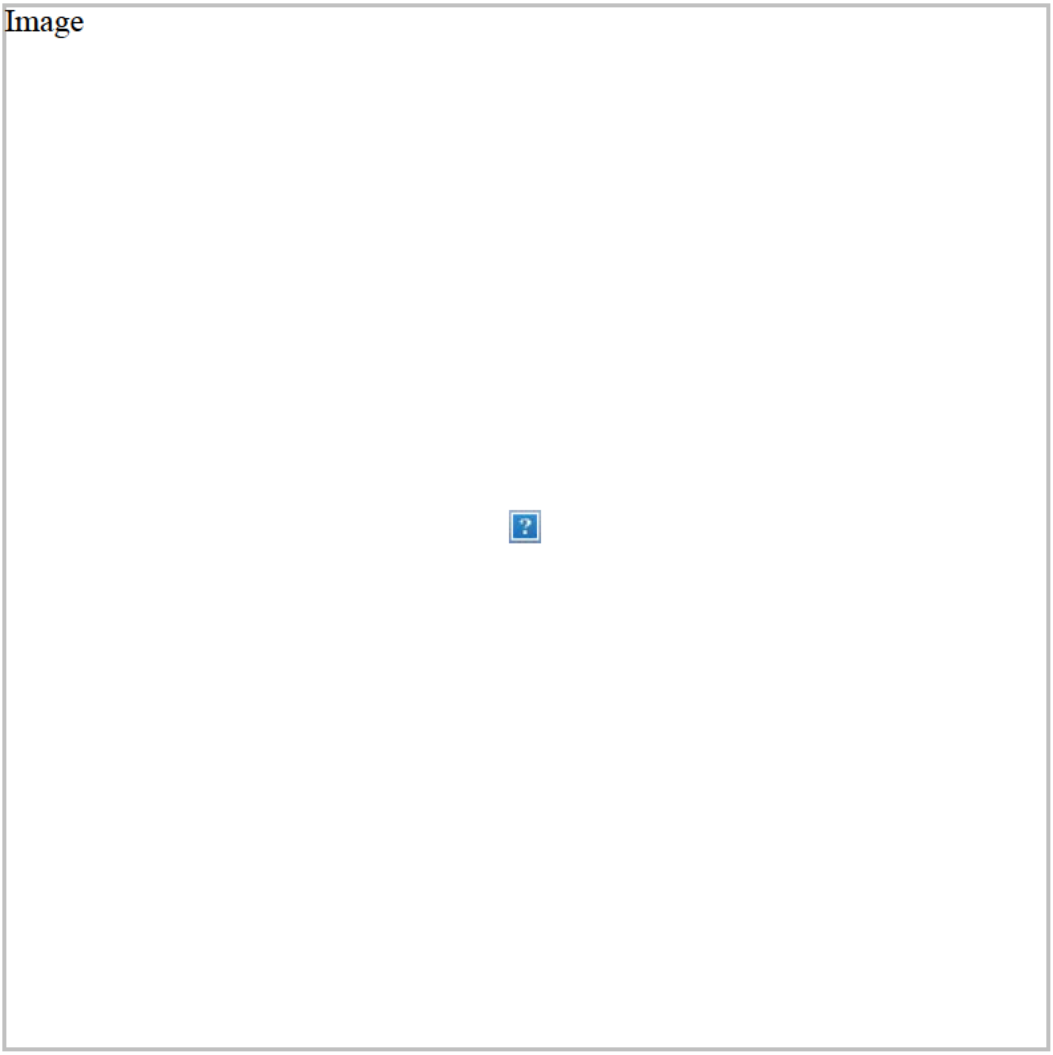
were generated every 10 minutes the competing teams worked.

Police overseas have used crowdsourcing in the past for help with isolated cases, aided by these largely voluntary "open-source intelligence" (OSINT) enthusiasts.

But Linda Cavanagh, of the Canberra Cyber Security Innovation Node, said the Australian event was the first of its kind to be deployed on a national scale.

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10 of the Best Tools to Find Relevant Influencers on Social Media



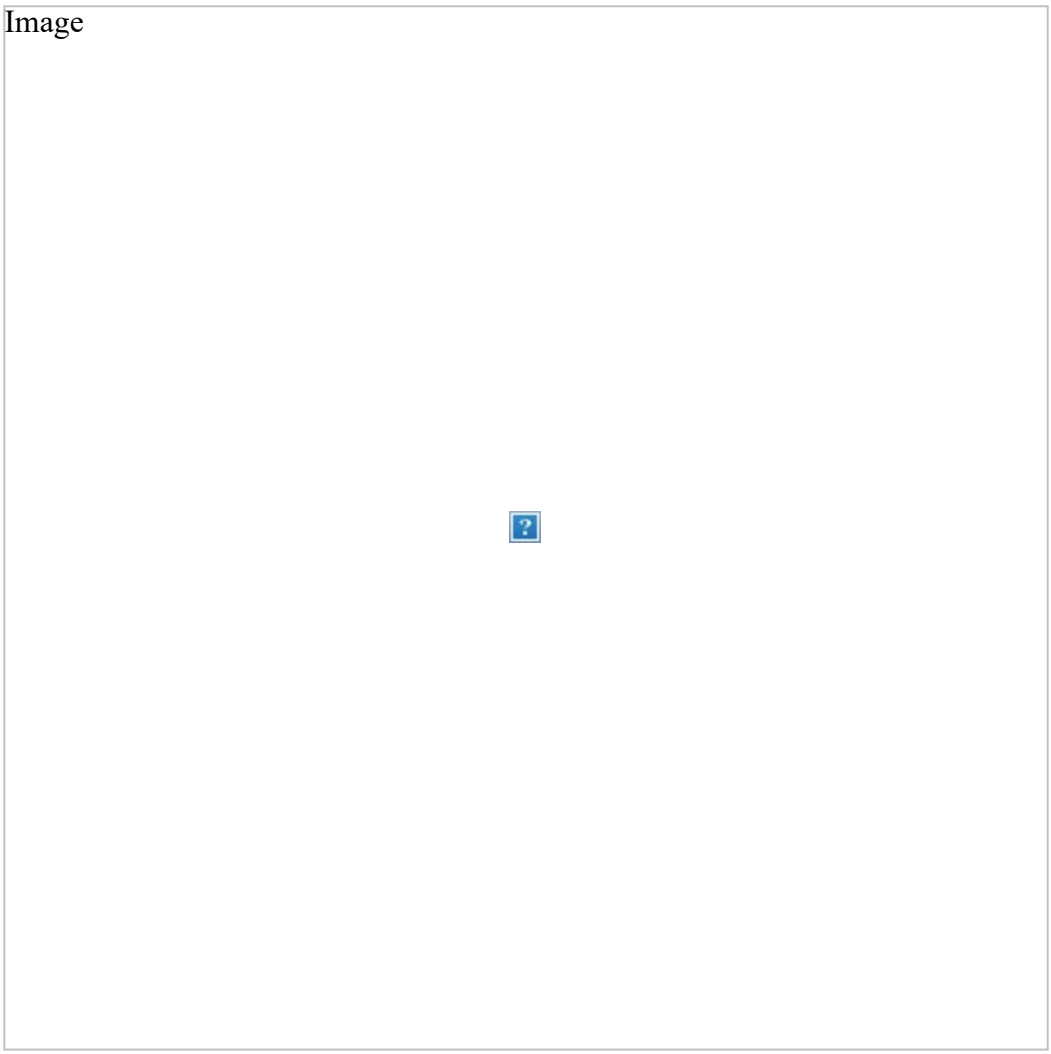
While it's become a much bigger consideration in recent years, influencer marketing, as a practice, has actually existed for a very long time. In the past, however, influencers were only on

TV or in magazines, and unlike social media, TV and newspapers are limited, which led to a situation where a select number of celebrities were able to charge tons of money for making an ad for Pepsi or Swatch in order to influence consumer behavior.

With the birth of social platforms, everything changed. The Internet has no limits, there can be as many influencers as the world requires. They can be of any age and social status, and in any area of expertise (or no area of expertise). And they can work with any brand.

How Your Volunteering Trip Could Contribute To Human Trafficking

Image



The advent of cheap air travel and Instragammable holiday

photos, combined with a longing for meaning, has created a new breed of traveler: the voluntourist. This ever-growing trend describes people, most often young and affluent Westerners, who travel to the global South to help with community projects.

While no doubt sweetly intentioned, there is considerable concern over the fad of "voluntourism" and whether it does more harm than good for the communities in developing countries – especially when it involves children or work at an orphanage. On the surface of the problem, it's questionable whether treating the developing world as a playground is an effective model to address systemic poverty and care for vulnerable children.

An anthropological study published in the Journal of Sustainable Tourism has shown how volunteer programs can actually contribute towards a superficial understanding of poverty that distracts from the larger systems that produce inequality and poverty. Through a series of in-depth interviews with young people from the US who volunteered in Malawi, they found their volunteer work was often carried out through a colonial and "mythologized" image of a helpless Africa needing the benevolence of the West. The volunteers also viewed African poverty in terms of the "American Dream" and the idea of pulling oneself out of poverty through hard work, as opposed to deep-rooted economic, social, and historical factors at play.

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Subject: A Publication of the LEIU Executive Board - The Source
Date: Wednesday, October 30, 2019 8:39:00 AM

Image

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Each Wednesday, we share with you a few of the articles or intelligence-based publications that have come across our desk. We are exicted to see, each week, Law Enforcement Officers, Analysts and Administrators from around the world reading this.

If you have a publication or an article that you feel needs to be shared, please send these to IntelligenceAnalysis@mac.com for review.

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Wednesday 10/30/19

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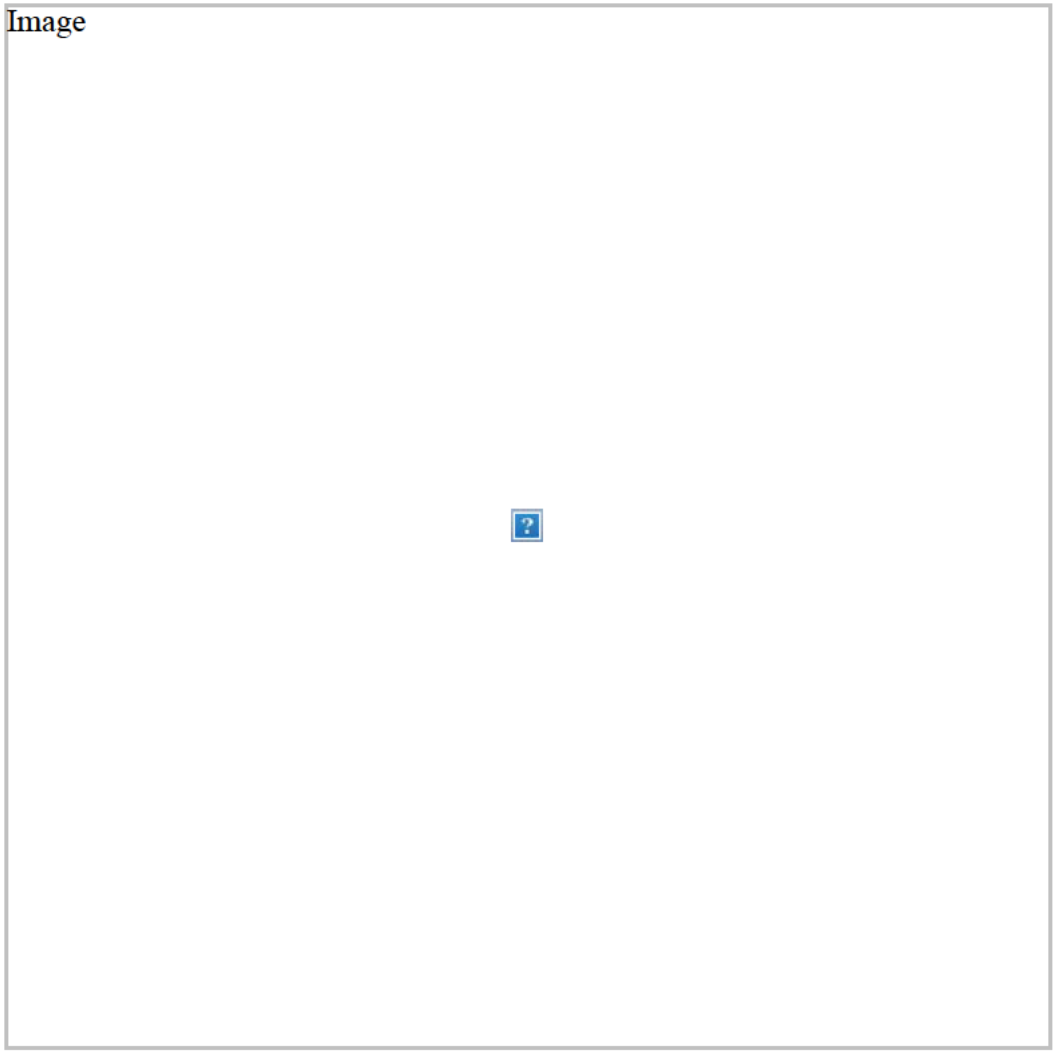
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BAE wins open source intelligence

contract from the Army



The Army has awarded BAE Systems a $437 million task order for open source intelligence support, the company announced Oct. 15 during the 2019 Association of the United States Army conference.

As part of the task order, BAE Systems will provide the Army and Army Intelligence & Security Command (INSCOM) approved partners with open source solutions to publicly available data.

“We’re proud to continue to partner with the U.S. Army and support their critical national security missions with this new capability,” Peder Jungck, vice president and general manager of BAE Systems’ intelligence solutions business.

The company won the initial award of the five-year task order

and began ramping up in August, Jungck said. The task order is an extension of projects the company has been doing for the Army, but this is the first time the work been consolidated and awarded as a larger contract, he explained.

“If you look at contracts in general around OSINT there’s been kind of small ones, there’s been lots of pilots out of agencies and even within the Army and throughout INSCOM there were different kind of brigades and battalions that had their own set of tools," he said. "This is one of the first of the really large OSINT and AI consolidation contracts. I don’t think anybody’s really had a large one like this.”

Calif. police stand by cop after video released in 2017 OIS of murder suspect

Image



FRESNO, Calif. — Community activists are expressing outrage

after seeing video footage that shows a Fresno police sergeant fatally shooting an unarmed 16-year-old boy as he fled during a foot pursuit.

Meanwhile, the local police union and supporters of law enforcement have stepped up in support of the sergeant, saying he acted within guidelines while pursuing a murder suspect.

The footage shows Sgt. Ray Villalvazo firing a single shot into the back of Isiah Murrietta-Golding's head, according to a lawsuit filed on behalf of the teen's family.

The video was captured on a surveillance camera at a daycare facility on April 14, 2017, and was released by attorney Stuart Chandler, who's representing the family of Murrietta-Golding. The boy's family alleges the sergeant used excessive and unlawful deadly force, and committed assault and battery with negligence.

Additionally, in footage released from a police officer's body camera, one officer is heard shouting "good shot" as officers handcuff and search the already prone Murrietta-Golding.

Asia has an organized-crime problem. Canada is well placed to help

Image

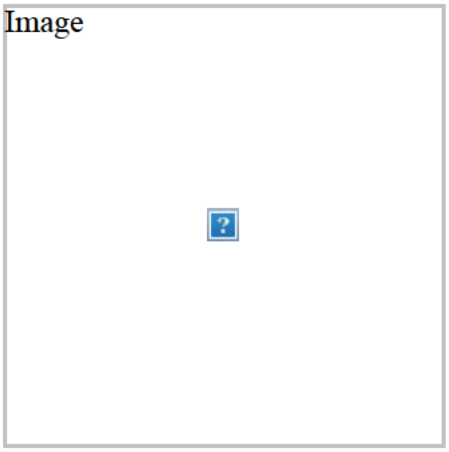
Jeremy Douglas is the regional representative for the United Nations Office on Drugs and Crime (UNODC) for Southeast Asia and the Pacific and a former UNODC representative for Pakistan. The opinions expressed in this commentary are his.

More than a few eyebrows went up last week when Tse Chi Lop – a 55-year-old Canadian man – was accused of being arguably the biggest drug trafficker in the history of Asia.

Mr. Tse is suspected – by police in Myanmar, Australia and Taiwan, and by the United Nations Office on Drugs and Crime (UNODC) – of being the leader of Sam Gor, or Brother Number Three, a supersyndicate largely responsible for the dramatic shift in recent years in organized crime away from drugs such as heroin and toward synthetics, such as methamphetamine, ketamine and fentanyl. It's a shift that has been driven by control and profit, since synthetics offer many advantages to criminal organizations: Labs can be quickly set up or moved;

they are not subject to external conditions such as climate, nor do they require large work forces; and production can be rapidly scaled up to drive the market. Put these things together and it means the disruption of the traditional drug business and the heavily concentrated profits that come with it.

Florida Senator Rick Scott Announces Legislation To Address 'FBI Failures' Regarding Parkland Shooting



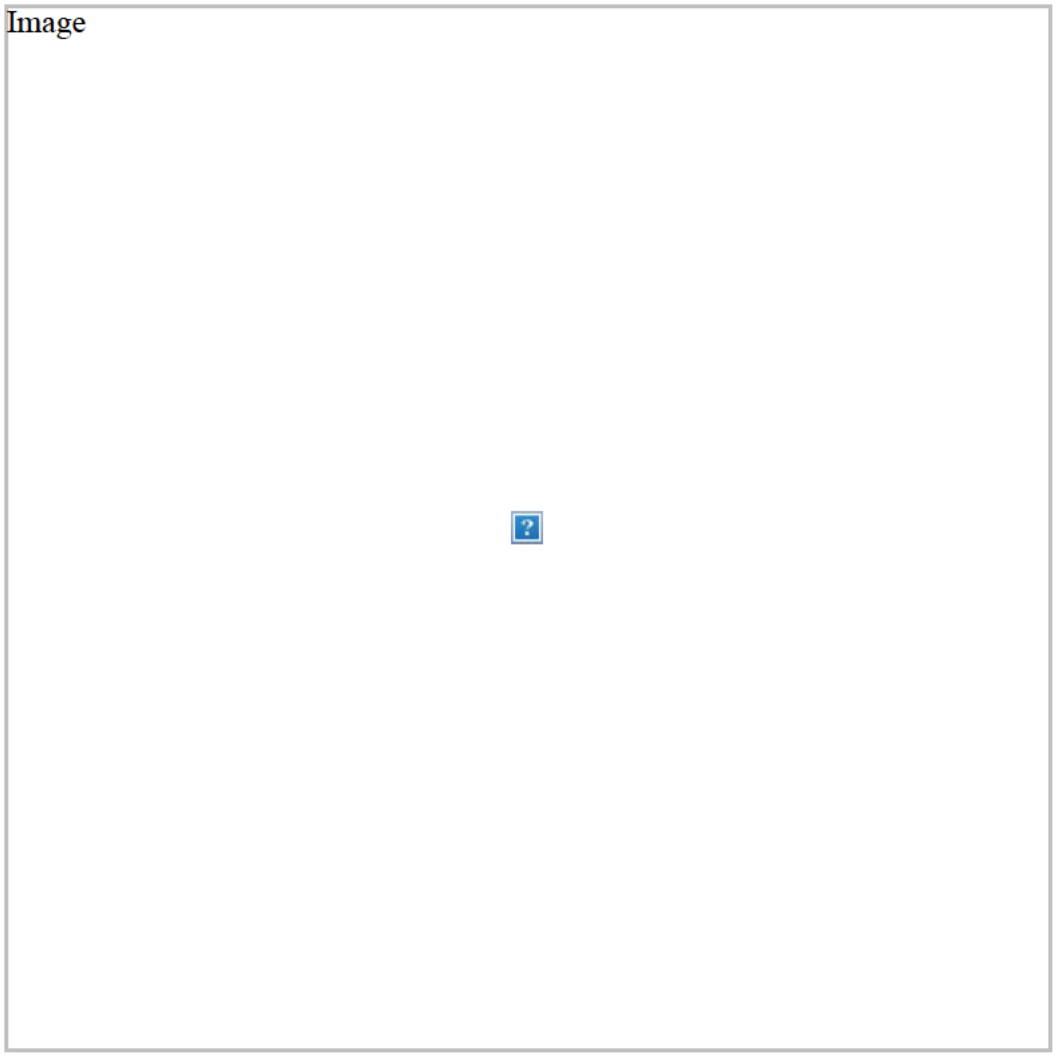
MIAMI (CBSMiami) – Florida Senator Rick Scott announced legislation Thursday to hold the Federal Bureau of Investigations accountable for its 'failures to address critical deficiencies in its handling of actionable intelligence' in regards to the mass shooting at Marjory Stoneman Douglas High School in 2018.

The 'Threat Information Protocol for Sharing (TIPS) Act' is supported by Stand with Parkland, an organization founded by the family members of the victims of the Parkland shooting.

"Not a day goes by that I don't think about the 17 souls that were taken from us in a brutal act of violence at Marjory Stoneman Douglas High School. Following the tragedy, we all worked together to pass the Marjory Stoneman Douglas High School Public Safety Act to make our schools safer and prevent future tragedies, but we aren't finished. We cannot accept the repeated failures of the FBI to properly investigate and act on specific tips received about the Parkland shooter, as well as other perpetrators of mass violence in Florida. I'm

proud to stand with the family members of the victims to announce the TIPS Act, which bridges the gap between federal and state law enforcement agencies by mandating information sharing of all state-specific criminal intelligence tips. This is about getting information on threats into the hands of the right people, who can ultimately prevent violence and protect our families," Scott said.

Majority of Mexicans Say Organized Crime Stronger than Government after El Chapo's Son Released



A majority of Mexicans see organized crime as more powerful than the Mexican government after government forces capitulated to drug-cartel strongmen and released the son of

the former cartel leader Joaquín Guzmán, known as “El Chapo.”

About 56 percent of Mexicans say they believe organized crime is stronger, while only 33 percent say the government is stronger, according to a poll by the Mexican newspaper Reforma.

Mexican authorities were forced on Thursday to release Ovidio Guzmán López, El Chapo’s son, shortly after capturing him, when the Sinaloa cartel laid siege to the city of Culiacán and surrounded Mexican troops, taking eight soldiers hostage. Officials said at least 14 people died during the clashes between cartel members and Mexican soldiers.

49 percent of respondents in the Reforma poll disagreed with the decision to release López, while 45 percent said they supported it. Residents of Culiacán expressed relief that the government had surrendered, saying the decision prevented further violence.

Mexican lawmen get FBI training to combat organized crime, terrorism

Image

JUAREZ, Mexico — Three Chihuahua state lawmen recently completed intelligence and intervention training courses sponsored by the FBI, according to the State Security Commission.

Alvaro Serrano Escobedo, the commission's operations director, received training on anti-terrorism, intelligence gathering, leadership and the combat of organized crime at FBI headquarters in Quantico, Virginia. The training is part of the FBI's Mexican Law Enforcement Executive Development (MEXLEED) program, the commission said in a news release.

Ginés Jaime Ruiz García, first officer of the Chihuahua State Police, and Jesús Alejandro Cruz Rangel, who heads rural operations for the agency, attended the FBI's Mexican American Liaison and Law Enforcement Training (MALLET) program in South Padre Island, Texas, the commission said.

The three lawmen were among 30 duly vetted Mexican officials chosen by the FBI for training this year, the commission said.

63 accused drug dealers plead guilty in heroin, fentanyl and cocaine trafficking rings

Image

SYRACUSE — New York State Attorney General Letitia James has announced the guilty pleas of 63 people for their roles in two major narcotics trafficking operations that transported heroin, fentanyl, and cocaine to Onondaga, St. Lawrence, Oswego, Oneida, and Jefferson counties.

The investigation resulted in the recovery of approximately 4,700 bags of heroin and fentanyl, worth approximately $140,000, and approximately 2 kilograms of cocaine, worth more than $200,000, according to a news release from the Attorney General's office.

“These individuals flooded our communities with dangerous drugs that are putting New Yorkers at great risk,” said Attorney General Letitia James in the news release.

House bill would give border agents tool to detect synthetic opioids

Image

A bill that would give U.S. Customs and Border Protection (CBP) agents the equipment to detect synthetic opioids has been introduced in the U.S. House.

The DHS Opioid Detection Resilience Act of 2019 requires the Commissioner of CBP to procure chemical screening devices that allow border patrol agents to identify narcotics, including synthetic opioids, with purity levels of less than 10 percent. A

2018 study by the Drug Enforcement Administration (DEA) found that most fentanyl seized at the southwest border tends to be less than 10 percent pure. These changes would fill the gap that currently exists in identifying these synthetic opioids.

“Stopping the flow of illegal drugs across our southern border and at ports of entry is a top priority for our CBP law enforcement officers. This includes fentanyl and other synthetic opioids that can be difficult to detect. Our legislation ensures that DHS has the necessary equipment to detect synthetic opioids and the ability to adapt as smuggling methods evolve. We want to prevent this poison from ever reaching American communities, and our bill helps law enforcement carry out that mission,” Rep. Clay Higgins (R-LA), the bill’s sponsor, said.

Teens brawl with police in Brooklyn subway station

Image

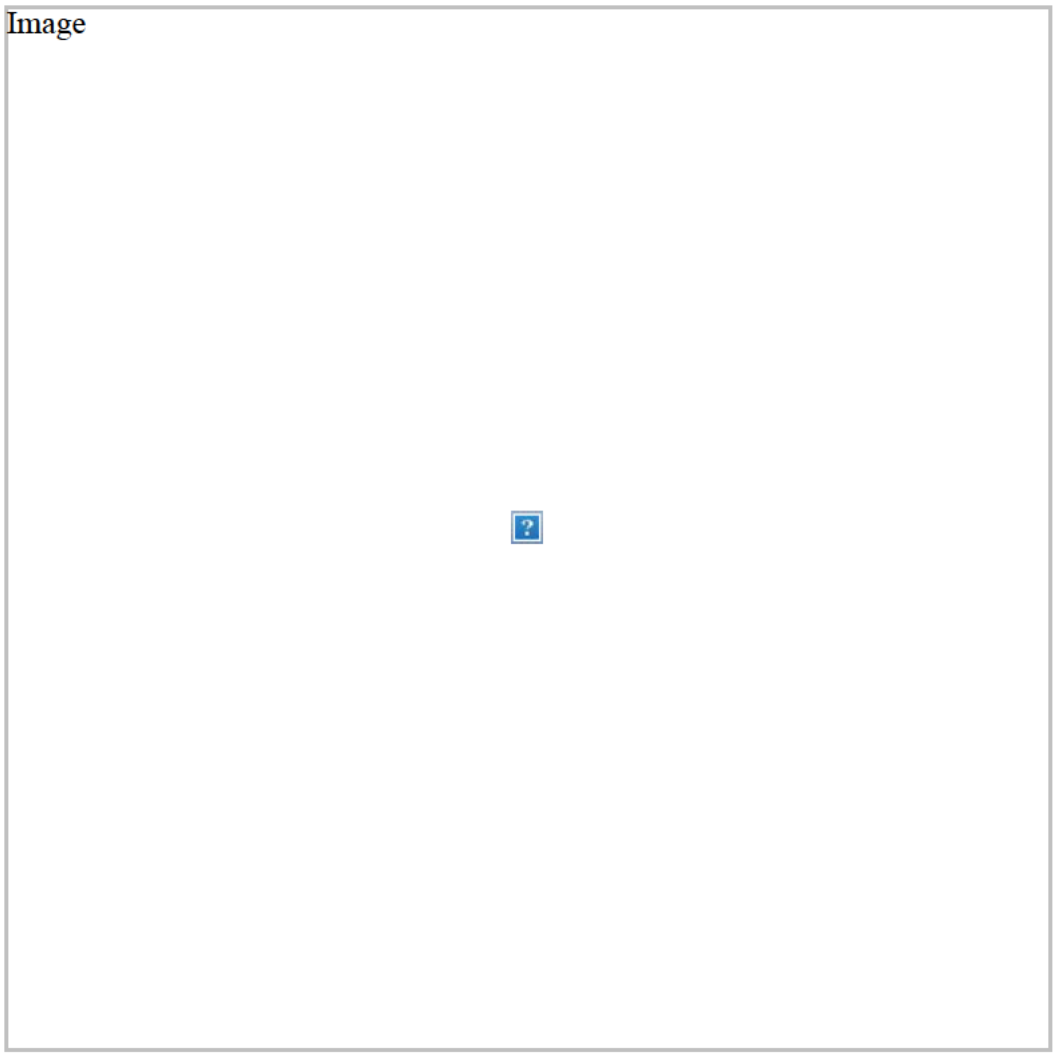
BROOKLYN, N.Y. – A video showing members of the NYPD trying to break up a fight and instead ending up in an all-out brawl with a mob of New Yorkers has gone viral… and media outlets were quick to condemn the cops who were involved.

The Post said that the incident unfolded on Saturday morning around 2:30 a.m. as officers responded to the scene of a fight on the platform of a subway station. The fights had originally began up on Jay Street between two groups of people before the violence spilled down into the station.

Cell phone video captured at the scene shows officers rush into the area and try to pull the brawling teens apart, attempting to put one of the suspects in handcuffs. Other individuals on the outside of the skirmish appear to be pulling the officers away.

The heartbreaking final text this human trafficking victim sent before dying in UK truck

Image



A 26-year-old Vietnamese woman texted her mom frantically that she was suffocating in the truck in which the bodies of 39 people were found in England — and apologized that her journey to a better life ended tragically, according to a report.

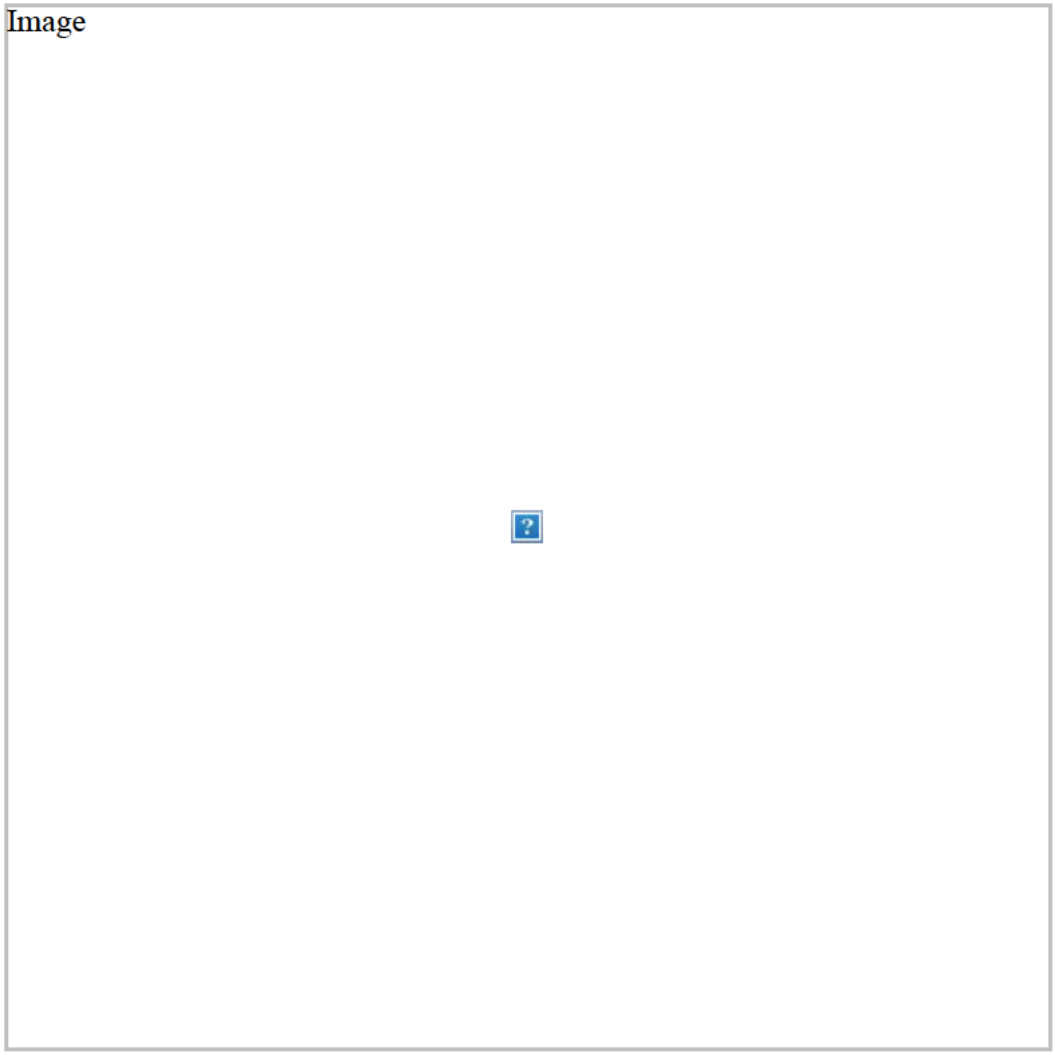
“I’m sorry Mom, my path to abroad didn’t succeed,” Pham Thi Tra My wrote in a series of messages about 10:30 p.m. Tuesday, according to the Mirror.

“Mom, I love you and Dad so much! I’m dying because I can’t breathe,” she added.

News about the young woman’s final moments emerged as two more people were arrested after eight women and 31 men were found dead Wednesday in a case that has shocked

Britain and made headlines around the world.

Labor Trafficking Is A Crime You Probably Don't Notice



It has been more than four years since Catherine Piedad called 911 from a $1.7 million home in Newton.

In 2015, she worked long hours to care for a Russian family's young twins. Her passport was taken, and she slept in a small room with little light and nowhere to store her clothes. When she asked to be paid, her employer threatened to send her back to the Philippines. She feared deportation and did not know who to trust.

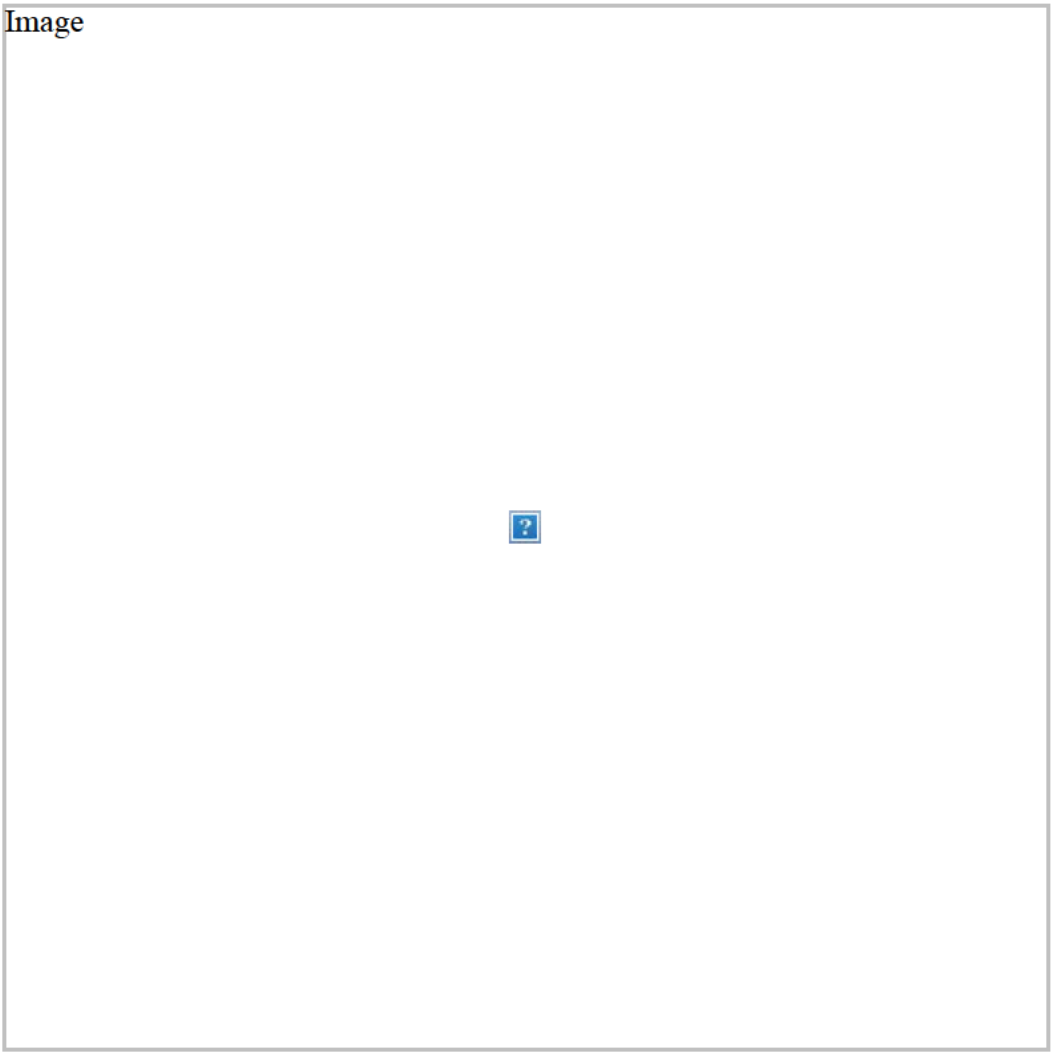
Despite her fear, she called 911. Law enforcement helped her

to leave the family's home but did little else. They did not see her case as "labor trafficking." Instead, the incident was labeled a "labor dispute." Piedad struggled to access her rights — despite the robust federal and state laws designed to protect her.

You've probably heard of sex trafficking, which often involves perpetrators who force, trick or coerce victims into sexual servitude. Although difficult to see, sex trafficking is often visible to law enforcement through the internet: perpetrators sometimes leave a footprint online, which can provide a critical entry point for criminal investigations.

The Mafia's history in Las Vegas: From Bugsy Siegel to Anthony Spilotro

Image



Benjamin "Bugsy" Siegel had been at the helm of the Flamingo

for only six months in June 1947 when he was killed in a hail of gunfire at his girlfriend's Beverly Hills, Calif., home.

But his vision for the Flamingo, the first resort-style hotel on the Strip, was the beginning of a 50-year relationship between Las Vegas and traditional organized crime that helped define "Sin City"and turn it into one of the world's top tourist destinations.

"The general perception on the part of the public is that Las Vegas and the mob have been inextricably linked, and I don't think it will ever be extricated," former longtime state archivist Guy Rocha says.

Groundbreaking books such as "The Green Felt Jungle" in 1963, which revealed the mob's early grip on the city, and popular movies such as "The Godfather" in 1972 and "Casino" in 1995 enhanced this perception through the years.

So did the buzz on the Strip over the Rat Pack, led by headliner Frank Sinatra and his associations with high-profile underworld figures.

New Bill To Bring Illegal Gambling In California Closer To An End

Image

Gambling in the US, as well as in the whole world, is one of the most entertaining and lucrative endeavors. Not only does it provide fun and joy to the players, but it also offers an opportunity to make a fortune.

The gambling operators all around the world are doing everything they can to attract new customers. From online free spins for Australians to no deposit bonuses and other promotions in other countries, casino operators are full of such impressive offers.

However, the industry isn't just this fairy-tale source of joy and money. It also has its drawbacks. With problem gambling, organized crime, and money laundering prospects, gambling has long been considered threatening to society.

That's the reason why the US government, alongside other governments worldwide, have been eager to put the industry

under the limitations and protect the interests of their citizens. With the regulatory restrictions and measures, the government officials have deemed ill-gotten gains illegal and contributed to ending gambling-related crime.

Best true-crime books of all time

Image

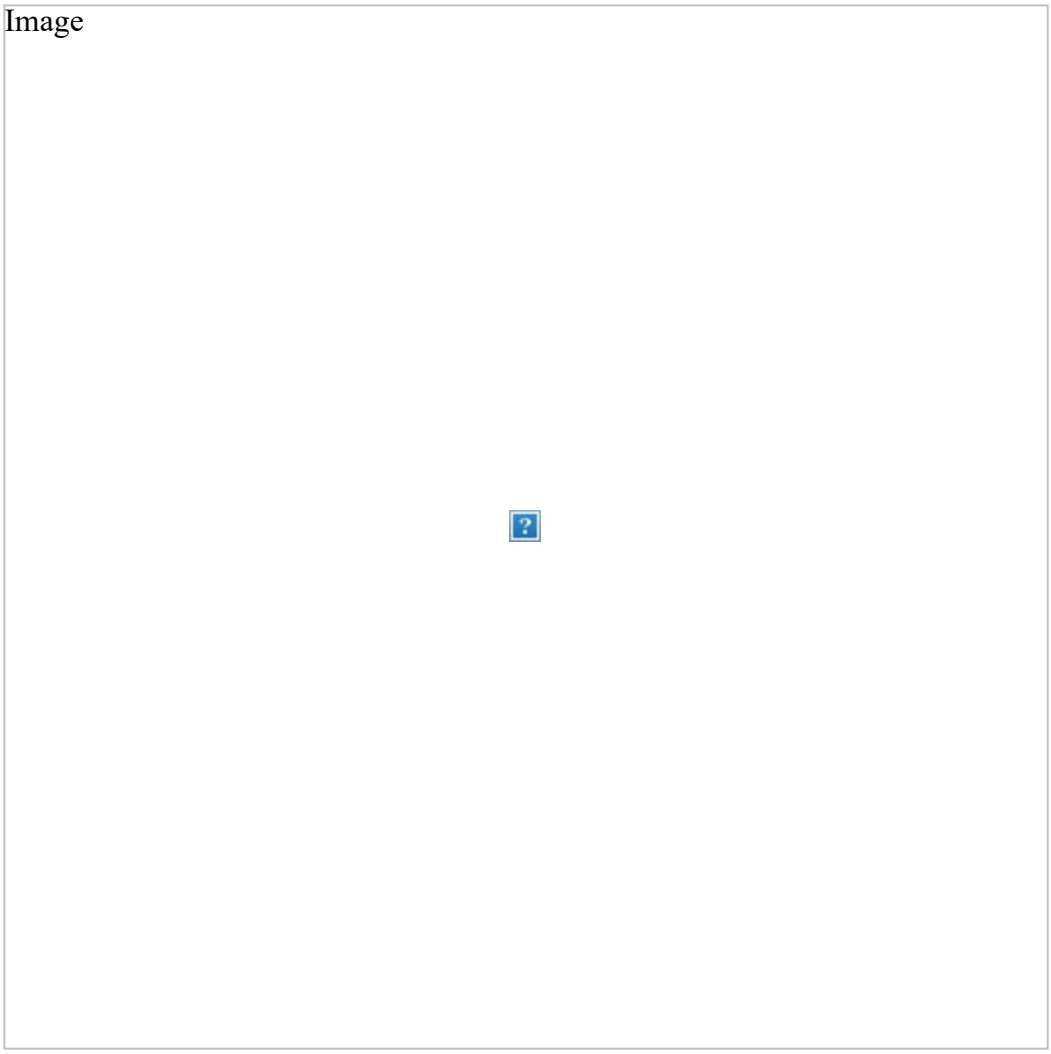


Terrifying tales are not the domain of fiction alone. If you are in search of bone-chilling scares, we recommend you turn to true crime. The key word being true. That's right, no imagination needed. Including stories about such horrific figures as Charles Manson and Ted Bundy, Goodreads compiled a list of the top 10 true-crime books of all time based on the lists, reviews and ratings of their more than 90 million members.

AP

How a Facebook Crime Page Led to Arrest of N.C. Woman in Cold Case Killing of Sister-in-Law

Image



A Facebook page devoted to the murdered, missing or miscreant residents of western North Carolina is being credited with helping authorities bring charges in the 15-year-old cold-case killing of a missing mom of four, allegedly at the hands of her sister-in-law.

The tip that led authorities to a “shallow grave” containing the remains believed to be those of 29-year-old Deborah Elaine Deans “proved to be very accurate and very reliable,” Nash

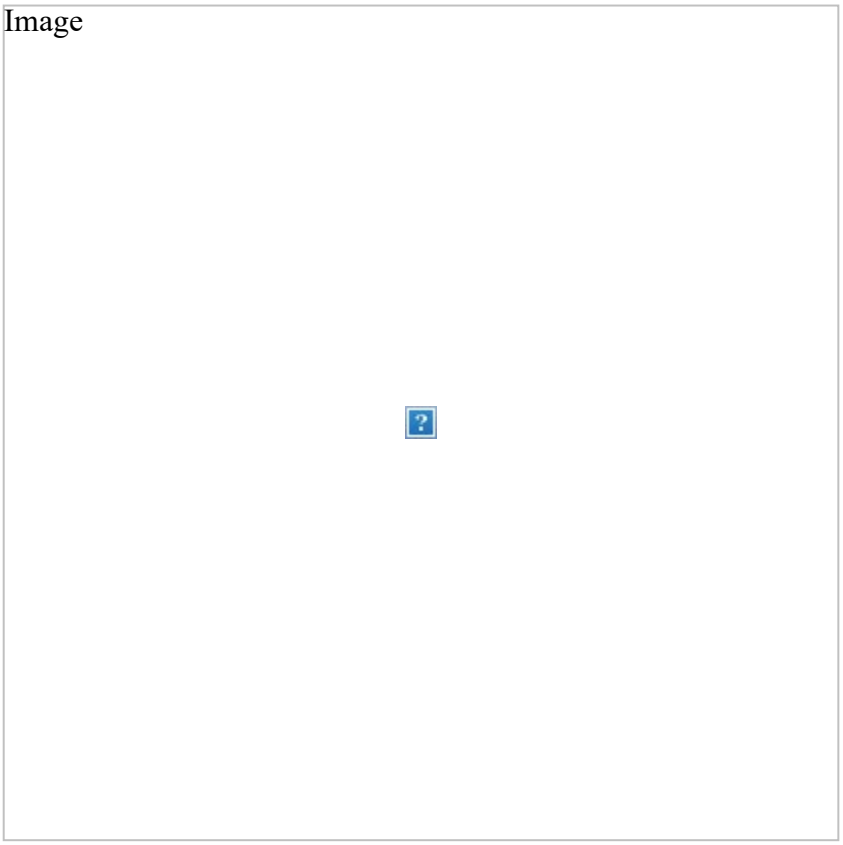
County Sheriff Keith Stone told reporters last week.

But the tipster did not go to police at first.

Instead, the unidentified person sent information about the alleged crime to a woman who created and runs a Facebook page called Fighting Crime News and Who's Wanted, an online outlet whose updates range from wanted posters to promotions of local elections and warnings about traffic tie-ups.

On October 20, a re-post about the unsolved missing-person case of Deans — who was last seen around 9 a.m. on January 19, 2004, at a residence on Wiley Road in Spring Hope — elicited a "very detailed" response that was forwarded to authorities by the Facebook page creator, said Nash.

Google Maps Adds ability to see speed limits and speed traps in 40+ countries



Google Maps is gaining some features previously exclusive to Google's navigation app, Waze. The company confirmed it's rolling out the ability for Google Maps users to see speed limits, speed cameras and mobile speed cameras in more than 40 countries worldwide — an expansion of its earlier launch of these features, which were previously limited to select markets.

The change was noted earlier by ZDNet and, of course, Reddit.

Google confirmed with TechCrunch the full list of supported countries now seeing the speed cameras, which currently includes: Australia, Brazil, U.S., Canada, U.K., India, Mexico, Russia, Japan, Andorra, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, Greece, Hungary, Iceland, Israel, Italy, Jordan, Kuwait, Latvia, Lithuania, Malta, Morocco, Namibia, Netherlands, Norway, Oman, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, South Africa, Spain, Sweden, Tunisia, and Zimbabwe.

The Ethics Board of One of the Largest Vendors of Police Tech (Axon) Makes the Case Against ALPRs

Image

Automated License Plate Readers (ALPRs)—a mass surveillance technology that allows law enforcement to record the location and travel patterns of nearly every driver on the road—are poorly regulated, threaten privacy, and worsen the racial and economic inequalities already ingrained in our justice system.

That's what EFF and other advocates have been saying for years. But now it's coming from an oversight body formed by one of the nation's largest police tech vendors.

Last week, the AI and Policing Technology Ethics Board at Axon, a tech company best known for popularizing body-worn cameras and the Taser, released a damning report concerning the commercial sale of ALPRs. The board, whose purpose is to "help guide and advise the company on ethical issues," concluded that while it sees the potential value of ALPRs, their current role in society is too broad and problematic. The sheer

amount of information that ALPRs gather and store was also a concern for the ethics board—particularly when privately collected data is often for sale to whoever wants to buy it.

ALPR systems include cameras that can be mounted on vehicles like police patrol cars or private tow trucks, or on stationary locations such as streetlights or overpasses. These cameras capture every license plate that passes and index them based on time, date, and location. A police officer can search ALPR databases to learn where a vehicle was in the past or even get real-time alerts when a driver passes by an ALPR camera. Research by EFF, MuckRock, and others have found that even small police departments are able to collect millions of plate scans a year, and often agencies are sharing this data with hundreds of other agencies across the country. Private companies also use ALPR and sell their data to police, financial lenders, insurance companies, private investigators, and debt collectors.

Amazon's Ring is 'the Neighborhood Watch of 2020,' police say as doorbell cams proliferate

Image

That’s all it took Livonia Police to arrest a man, who hours earlier was caught on video posted on Ring’s Neighbors app rummaging through the bed of a pickup parked in a driveway.

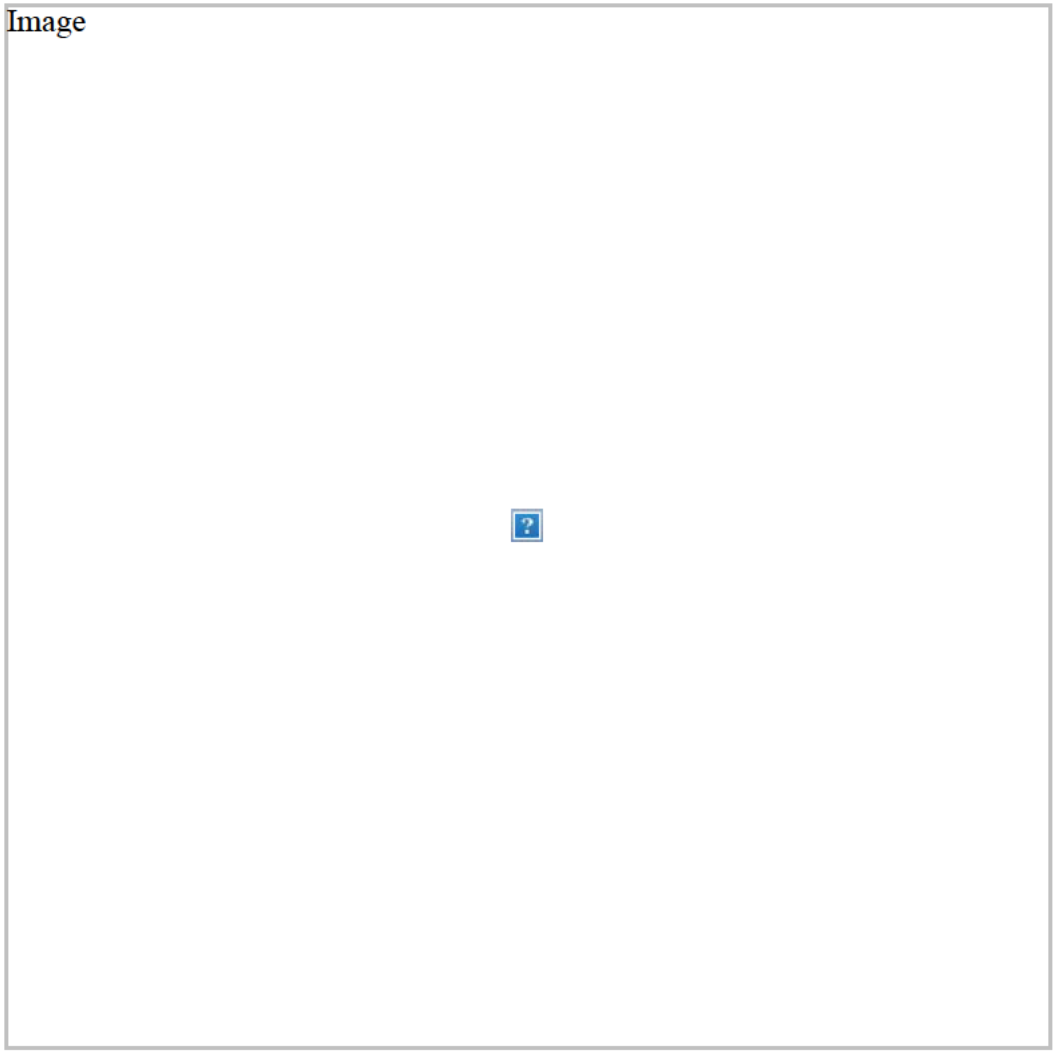
Detectives quickly recognized 60-year-old Jeffrey Couch when they saw the video posted by an app user in mid-August. Within a week, he pleaded no contest in court to two attempted larceny charges and was sentenced to 30 days in jail.

“I truly believe this is the Neighborhood Watch of 2020,” said Livonia Police Capt. Ronald Taig, whose force was one of the first law enforcement agencies in Michigan — and is one of more than 400 across the country — to partner with the Ring Neighbors app, owned by Amazon.

How the deadly drug fentanyl

is making its way to the US

Image



Trump administration officials are divided over part of a proposal to crack down on illicit versions of fentanyl, the deadly synthetic painkiller that President Donald Trump targeted in declaring a national opioid abuse emergency.

In an inter-agency dispute that highlights the challenges of curbing opioid abuse, the US Drug Enforcement Administration (DEA) is publicly backing tighter rules for fentanyl analogs, which are slightly altered copycat versions of the powerful drug fueling an explosion in overdoses.

In this case, the bill would cut the Food and Drug Administration out of the time-consuming review process by letting the DEA permanently classify illicit fentanyl analogs as Schedule I drugs, like heroin, which are deemed to be addictive with no medical use.

The DEA says these legal changes would help prosecutors keep pace with criminals who constantly churn out chemically tweaked fentanyl analogs to evade strict Schedule I regulations.

Of 70,200 US drug overdose deaths in 2017, according to the CDC, about 41% involved synthetic opioids, such as fentanyl and illicit analogs of it. Most of them are made in China.

Fentanyl, some versions of which are approved to treat cancer pain, is 100 times more potent than morphine.

Trump Orders Study of Root Causes of Crime, Policing Practices

Image

President Trump on Monday ordered Attorney General William Barr to establish a new commission to study crime and law enforcement with the goal of recommending “actions that can be taken to prevent, reduce, and control crime, increase respect for the law, and assist victims.”

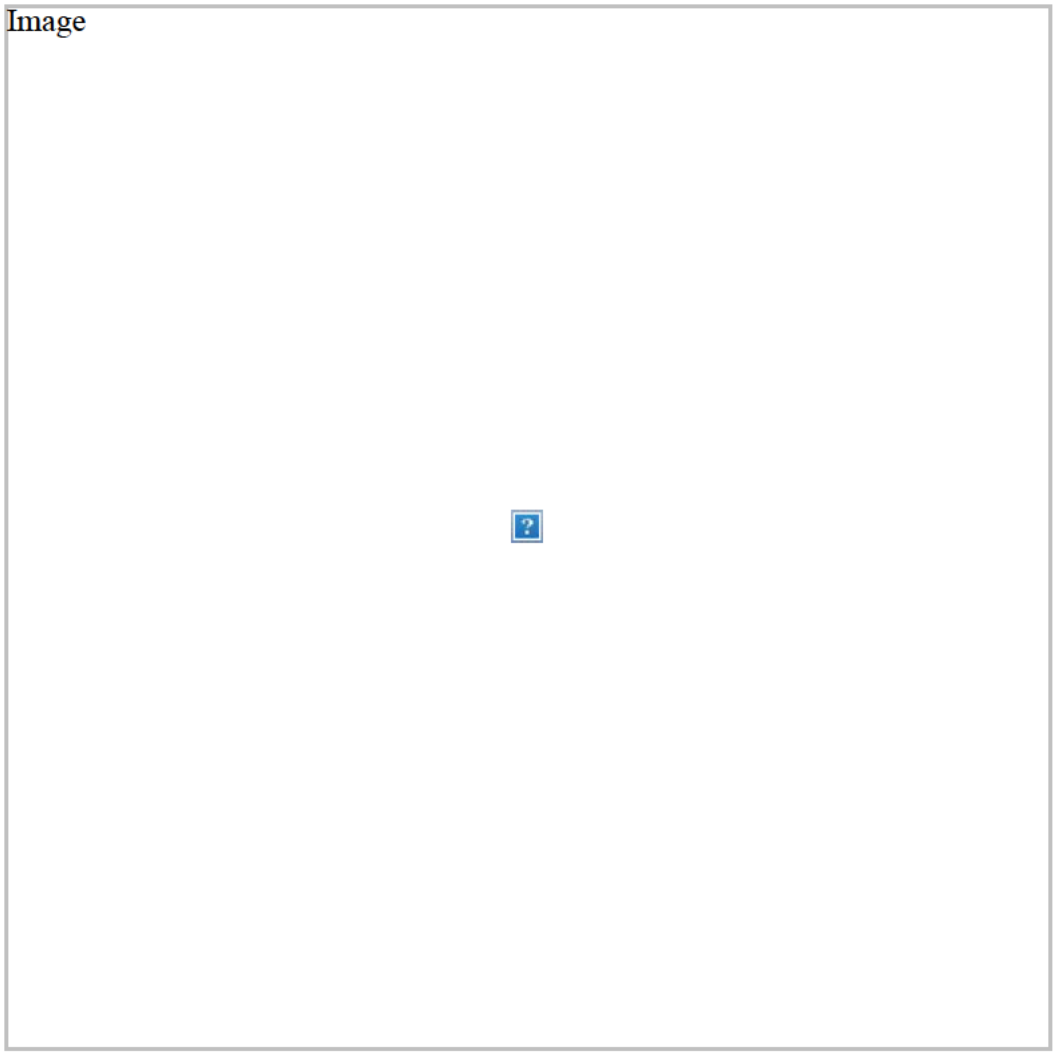
Following remarks in Chicago at the annual International Association of Chiefs of Police conference, the president signed an executive order establishing the Commission on Law Enforcement and the Administration of Justice. The commission will study the influence of substance abuse, homelessness and mental illness on crime as well as examine best practices to recruit, train and support law enforcement, among other things.

“Rigorous study of crime, including its causal factors, and current law enforcement practices is essential to assessing our current criminal justice system's merits and opportunities for

improvement," the executive order stated. "Public safety and proper policing are issues of both national and local significance that continue to require the close cooperation and coordination between the Department of Justice and state, local, and tribal law enforcement."

Quality Afterschool Programs Proven to Reduce Crime

Image



As a member of your District Attorney's Office for almost 30 years, and your DA for nearly 10, I've learned that the hours after school lets out are the prime time for juvenile crime.

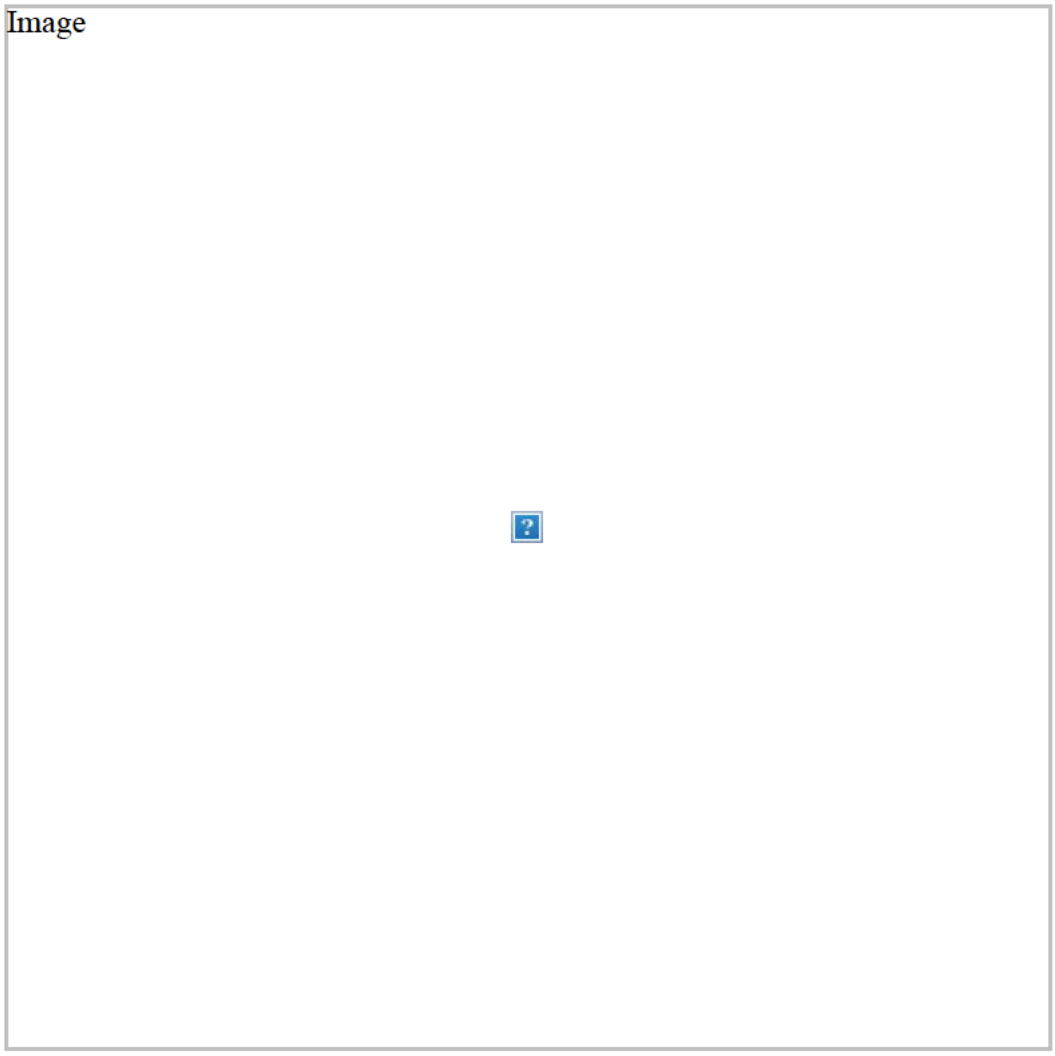
It is between these hours of 2 to 6 p.m. that youth are more likely to be arrested for assault, theft and drug-related crimes.

Quality afterschool programs have been proven to reduce these crimes in our community, keep students engaged, and improve academic performance and student behavior.

A new report from Fight Crime: Invest in Kids shows that when youth have access to high-quality, affordable afterschool programming, they benefit immensely from homework help and outdoor activities, and they're less likely to commit or become victims of crime.

Australia's government is floating an idea to scan internet users' faces before they can watch porn online

Image



Australia's Department of Home Affairs has touted an idea to use facial recognition software in order to verify internet users

ages before they can access pornography or gambling websites.

In its parliamentary submission, the department says that its Document Verification Service and Face Verification Service — though broadly intended to be used as systems for fighting crime and identity theft — could also be used by police for age verification controls.

"This could assist in age verification, for example by preventing a minor from using their parent's driver licence to circumvent age verification controls," the submission states.

"Whilst they are primarily designed to prevent identity crime, Home Affairs would support the increased use of the Document and Face Verification Services across the Australian economy to strengthen age verification processes."

Police turn to hackers in Australia's first crowdsourced attempt to find missing people

Image

For decades the traditional 'missing person' poster has been used to enlist the community's help to find individuals who may be in danger.

But with more than 2,600 Australians now listed as a "long-term" disappearance, the federal police are trying what they hope will be a more successful tactic: turning the search into a game.

More than 350 internet sleuths and "ethical hackers" — hobbyists and professionals — gathered at 10 locations around the country on Friday in a national missing-persons "hackathon".

The aim was to generate leads for 12 of Australia's most frustrating cold cases, using sophisticated but legal methods of trawling the internet.

And organisers said the results were astounding: 100 leads

were generated every 10 minutes the competing teams worked.

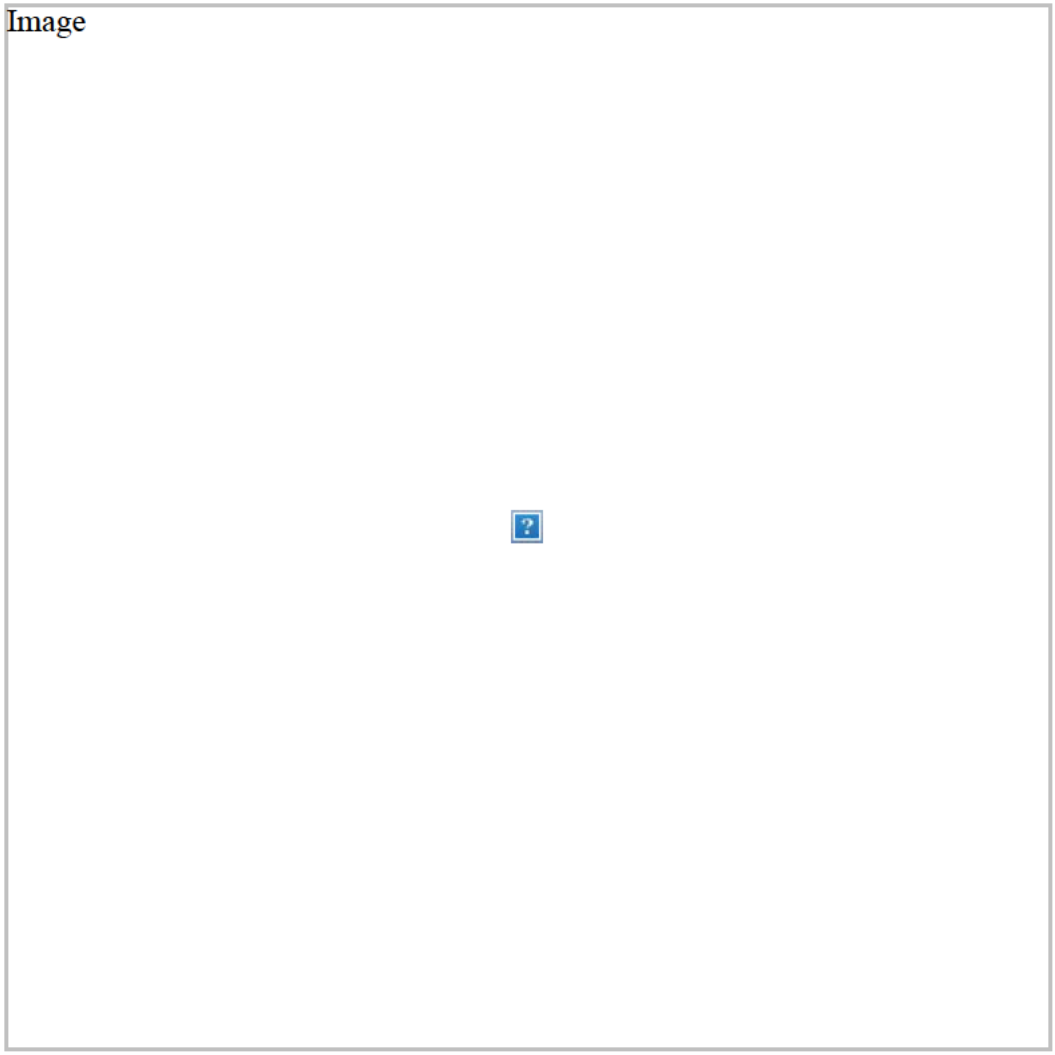
Police overseas have used crowdsourcing in the past for help with isolated cases, aided by these largely voluntary "open-source intelligence" (OSINT) enthusiasts.

But Linda Cavanagh, of the Canberra Cyber Security Innovation Node, said the Australian event was the first of its kind to be deployed on a national scale.

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10 of the Best Tools to Find Relevant Influencers on Social Media

Image



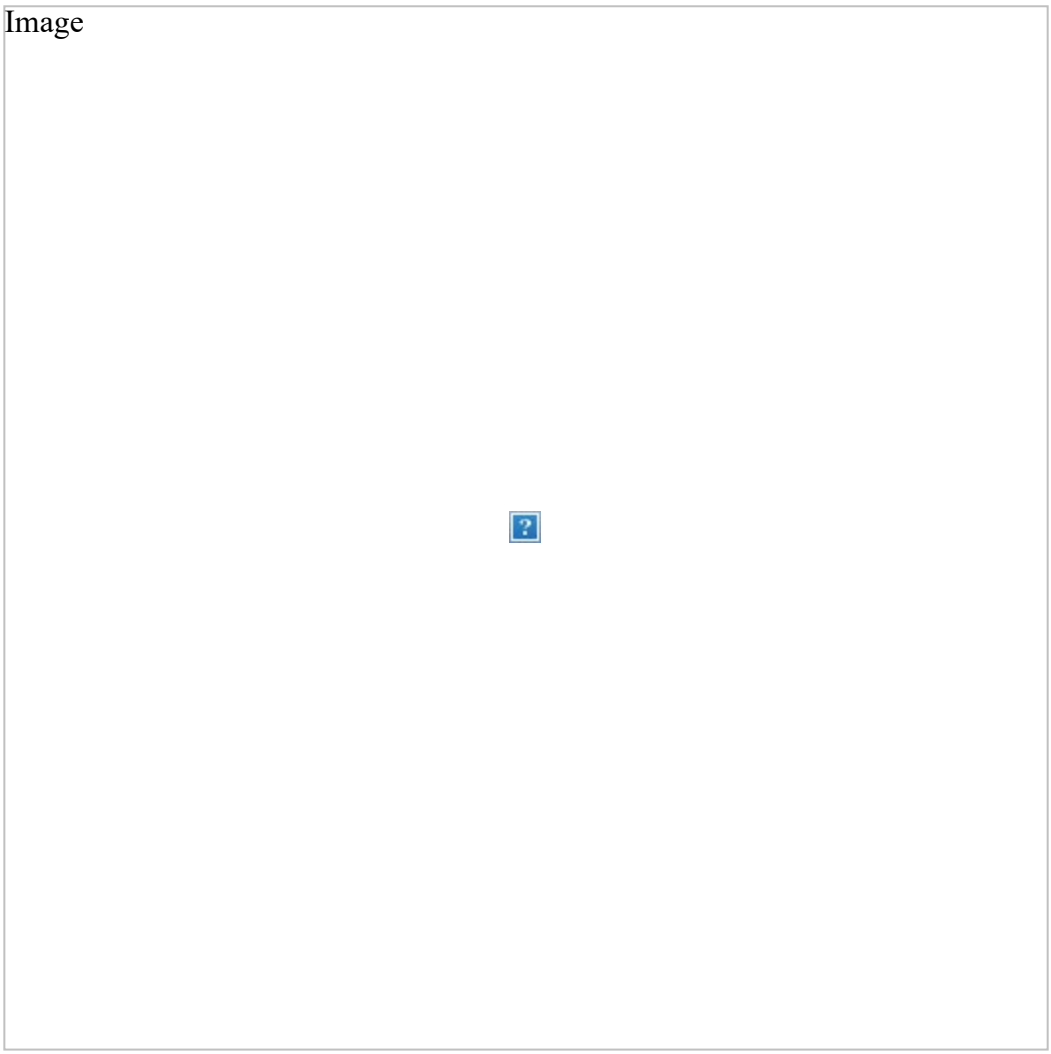
While it's become a much bigger consideration in recent years, influencer marketing, as a practice, has actually existed for a very long time. In the past, however, influencers were only on

TV or in magazines, and unlike social media, TV and newspapers are limited, which led to a situation where a select number of celebrities were able to charge tons of money for making an ad for Pepsi or Swatch in order to influence consumer behavior.

With the birth of social platforms, everything changed. The Internet has no limits, there can be as many influencers as the world requires. They can be of any age and social status, and in any area of expertise (or no area of expertise). And they can work with any brand.

How Your Volunteering Trip Could Contribute To Human Trafficking

Image



The advent of cheap air travel and Instragammable holiday

photos, combined with a longing for meaning, has created a new breed of traveler: the voluntourist. This ever-growing trend describes people, most often young and affluent Westerners, who travel to the global South to help with community projects.

While no doubt sweetly intentioned, there is considerable concern over the fad of "voluntourism" and whether it does more harm than good for the communities in developing countries – especially when it involves children or work at an orphanage. On the surface of the problem, it's questionable whether treating the developing world as a playground is an effective model to address systemic poverty and care for vulnerable children.

An anthropological study published in the Journal of Sustainable Tourism has shown how volunteer programs can actually contribute towards a superficial understanding of poverty that distracts from the larger systems that produce inequality and poverty. Through a series of in-depth interviews with young people from the US who volunteered in Malawi, they found their volunteer work was often carried out through a colonial and "mythologized" image of a helpless Africa needing the benevolence of the West. The volunteers also viewed African poverty in terms of the "American Dream" and the idea of pulling oneself out of poverty through hard work, as opposed to deep-rooted economic, social, and historical factors at play.

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Date: Wednesday, October 30, 2019 8:38:53 AM

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Each Wednesday, we share with you a few of the articles or intelligence-based publications that have come across our desk. We are exicted to see, each week, Law Enforcement Officers, Analysts and Administrators from around the world reading this.

If you have a publication or an article that you feel needs to be shared, please send these to IntelligenceAnalysis@mac.com for review.

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Wednesday 10/30/19

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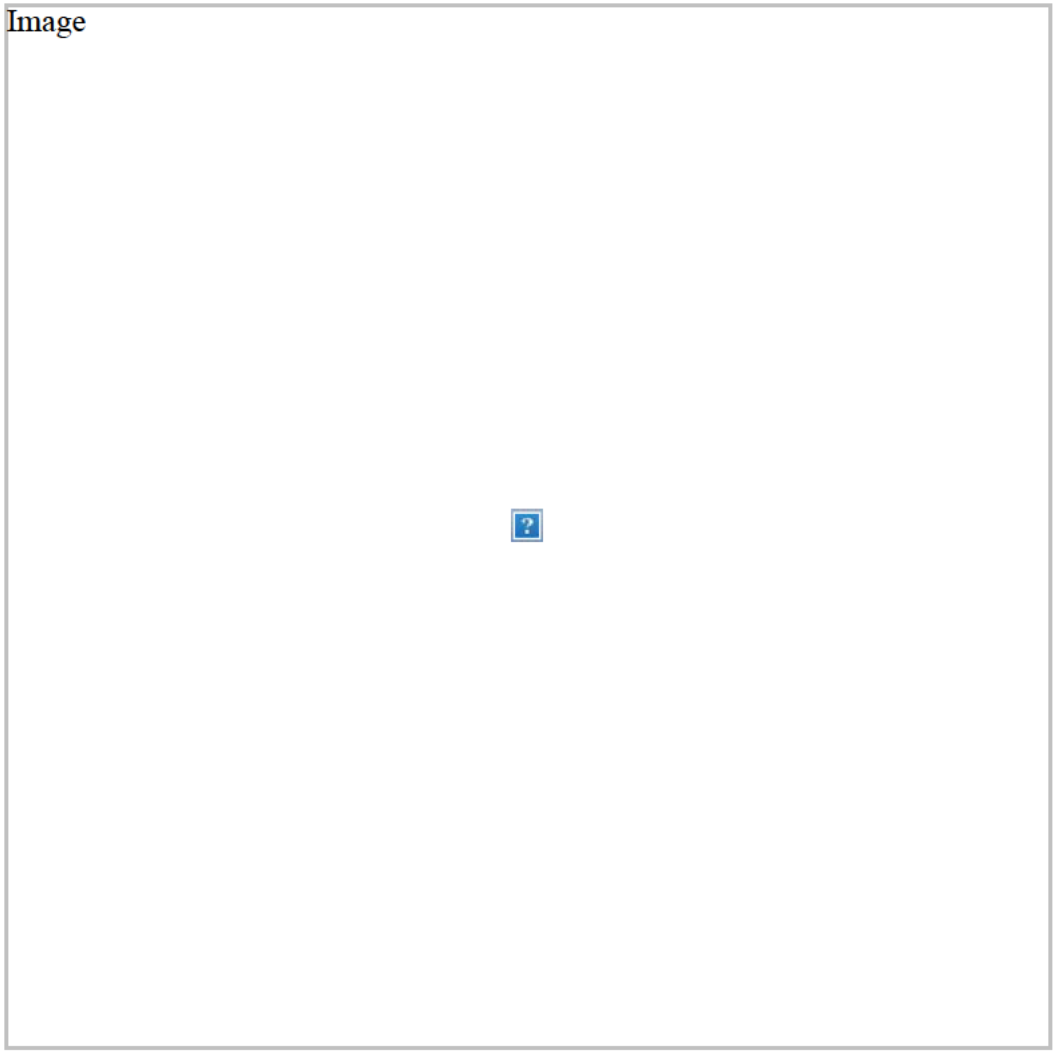
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BAE wins open source intelligence

contract from the Army



The Army has awarded BAE Systems a $437 million task order for open source intelligence support, the company announced Oct. 15 during the 2019 Association of the United States Army conference.

As part of the task order, BAE Systems will provide the Army and Army Intelligence & Security Command (INSCOM) approved partners with open source solutions to publicly available data.

“We’re proud to continue to partner with the U.S. Army and support their critical national security missions with this new capability,” Peder Jungck, vice president and general manager of BAE Systems’ intelligence solutions business.

The company won the initial award of the five-year task order

and began ramping up in August, Jungck said. The task order is an extension of projects the company has been doing for the Army, but this is the first time the work been consolidated and awarded as a larger contract, he explained.

“If you look at contracts in general around OSINT there’s been kind of small ones, there’s been lots of pilots out of agencies and even within the Army and throughout INSCOM there were different kind of brigades and battalions that had their own set of tools," he said. "This is one of the first of the really large OSINT and AI consolidation contracts. I don’t think anybody’s really had a large one like this.”

Calif. police stand by cop after video released in 2017 OIS of murder suspect

Image



FRESNO, Calif. — Community activists are expressing outrage

after seeing video footage that shows a Fresno police sergeant fatally shooting an unarmed 16-year-old boy as he fled during a foot pursuit.

Meanwhile, the local police union and supporters of law enforcement have stepped up in support of the sergeant, saying he acted within guidelines while pursuing a murder suspect.

The footage shows Sgt. Ray Villalvazo firing a single shot into the back of Isiah Murrietta-Golding's head, according to a lawsuit filed on behalf of the teen's family.

The video was captured on a surveillance camera at a daycare facility on April 14, 2017, and was released by attorney Stuart Chandler, who's representing the family of Murrietta-Golding. The boy's family alleges the sergeant used excessive and unlawful deadly force, and committed assault and battery with negligence.

Additionally, in footage released from a police officer's body camera, one officer is heard shouting "good shot" as officers handcuff and search the already prone Murrietta-Golding.

Asia has an organized-crime problem. Canada is well placed to help

Image

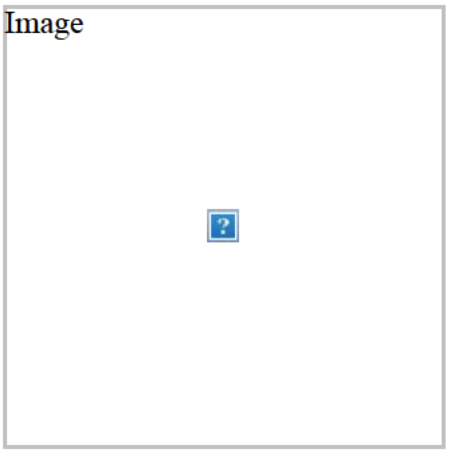
Jeremy Douglas is the regional representative for the United Nations Office on Drugs and Crime (UNODC) for Southeast Asia and the Pacific and a former UNODC representative for Pakistan. The opinions expressed in this commentary are his.

More than a few eyebrows went up last week when Tse Chi Lop – a 55-year-old Canadian man – was accused of being arguably the biggest drug trafficker in the history of Asia.

Mr. Tse is suspected – by police in Myanmar, Australia and Taiwan, and by the United Nations Office on Drugs and Crime (UNODC) – of being the leader of Sam Gor, or Brother Number Three, a supersyndicate largely responsible for the dramatic shift in recent years in organized crime away from drugs such as heroin and toward synthetics, such as methamphetamine, ketamine and fentanyl. It's a shift that has been driven by control and profit, since synthetics offer many advantages to criminal organizations: Labs can be quickly set up or moved;

they are not subject to external conditions such as climate, nor do they require large work forces; and production can be rapidly scaled up to drive the market. Put these things together and it means the disruption of the traditional drug business and the heavily concentrated profits that come with it.

Florida Senator Rick Scott Announces Legislation To Address 'FBI Failures' Regarding Parkland Shooting



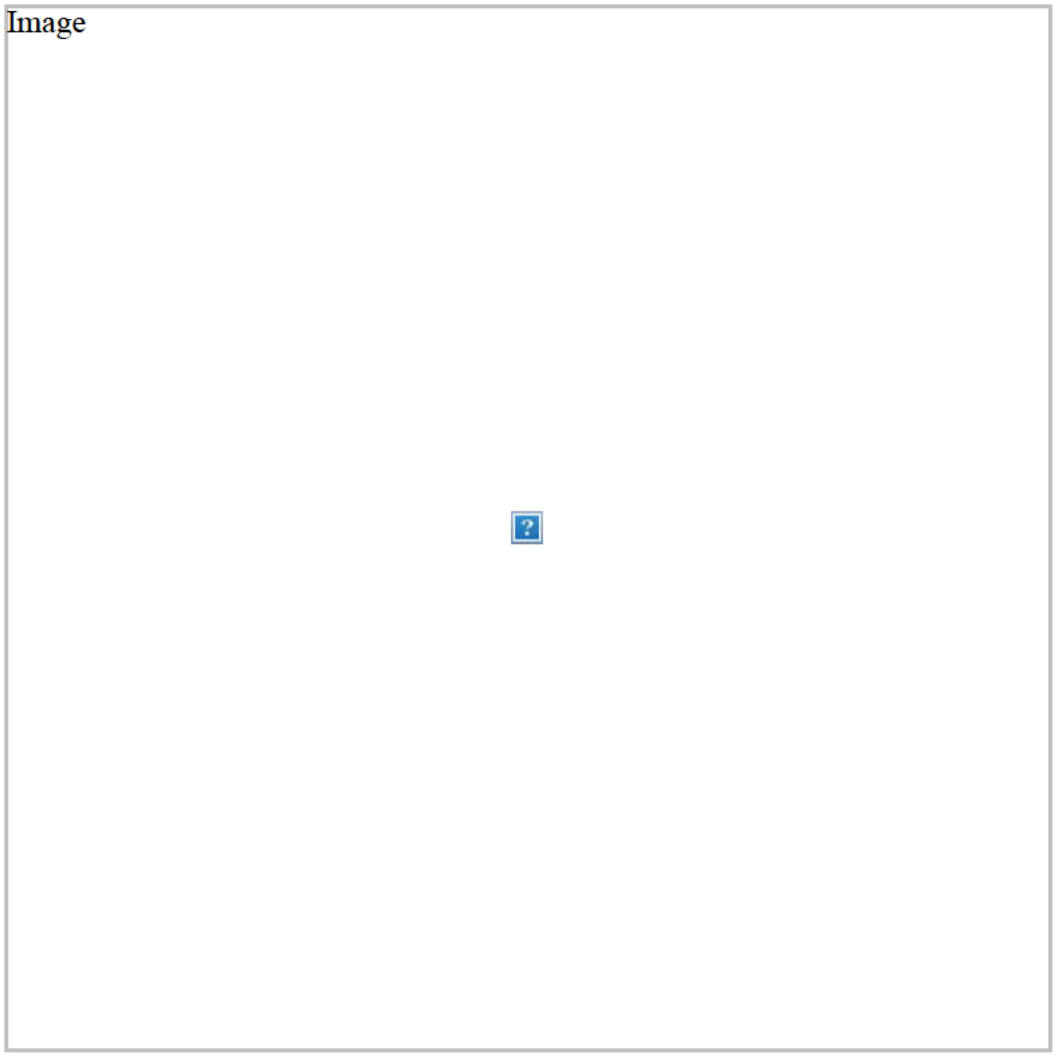
MIAMI (CBSMiami) – Florida Senator Rick Scott announced legislation Thursday to hold the Federal Bureau of Investigations accountable for its 'failures to address critical deficiencies in its handling of actionable intelligence' in regards to the mass shooting at Marjory Stoneman Douglas High School in 2018.

The 'Threat Information Protocol for Sharing (TIPS) Act' is supported by Stand with Parkland, an organization founded by the family members of the victims of the Parkland shooting.

"Not a day goes by that I don't think about the 17 souls that were taken from us in a brutal act of violence at Marjory Stoneman Douglas High School. Following the tragedy, we all worked together to pass the Marjory Stoneman Douglas High School Public Safety Act to make our schools safer and prevent future tragedies, but we aren't finished. We cannot accept the repeated failures of the FBI to properly investigate and act on specific tips received about the Parkland shooter, as well as other perpetrators of mass violence in Florida. I'm

proud to stand with the family members of the victims to announce the TIPS Act, which bridges the gap between federal and state law enforcement agencies by mandating information sharing of all state-specific criminal intelligence tips. This is about getting information on threats into the hands of the right people, who can ultimately prevent violence and protect our families," Scott said.

Majority of Mexicans Say Organized Crime Stronger than Government after El Chapo's Son Released



A majority of Mexicans see organized crime as more powerful than the Mexican government after government forces capitulated to drug-cartel strongmen and released the son of

the former cartel leader Joaquín Guzmán, known as “El Chapo.”

About 56 percent of Mexicans say they believe organized crime is stronger, while only 33 percent say the government is stronger, according to a poll by the Mexican newspaper Reforma.

Mexican authorities were forced on Thursday to release Ovidio Guzmán López, El Chapo’s son, shortly after capturing him, when the Sinaloa cartel laid siege to the city of Culiacán and surrounded Mexican troops, taking eight soldiers hostage. Officials said at least 14 people died during the clashes between cartel members and Mexican soldiers.

49 percent of respondents in the Reforma poll disagreed with the decision to release López, while 45 percent said they supported it. Residents of Culiacán expressed relief that the government had surrendered, saying the decision prevented further violence.

Mexican lawmen get FBI training to combat organized crime, terrorism

Image

JUAREZ, Mexico — Three Chihuahua state lawmen recently completed intelligence and intervention training courses sponsored by the FBI, according to the State Security Commission.

Alvaro Serrano Escobedo, the commission's operations director, received training on anti-terrorism, intelligence gathering, leadership and the combat of organized crime at FBI headquarters in Quantico, Virginia. The training is part of the FBI's Mexican Law Enforcement Executive Development (MEXLEED) program, the commission said in a news release.

Ginés Jaime Ruiz García, first officer of the Chihuahua State Police, and Jesús Alejandro Cruz Rangel, who heads rural operations for the agency, attended the FBI's Mexican American Liaison and Law Enforcement Training (MALLET) program in South Padre Island, Texas, the commission said.

The three lawmen were among 30 duly vetted Mexican officials chosen by the FBI for training this year, the commission said.

63 accused drug dealers plead guilty in heroin, fentanyl and cocaine trafficking rings

Image

SYRACUSE — New York State Attorney General Letitia James has announced the guilty pleas of 63 people for their roles in two major narcotics trafficking operations that transported heroin, fentanyl, and cocaine to Onondaga, St. Lawrence, Oswego, Oneida, and Jefferson counties.

The investigation resulted in the recovery of approximately 4,700 bags of heroin and fentanyl, worth approximately $140,000, and approximately 2 kilograms of cocaine, worth more than $200,000, according to a news release from the Attorney General's office.

“These individuals flooded our communities with dangerous drugs that are putting New Yorkers at great risk,” said Attorney General Letitia James in the news release.

House bill would give border agents tool to detect synthetic opioids

Image

A bill that would give U.S. Customs and Border Protection (CBP) agents the equipment to detect synthetic opioids has been introduced in the U.S. House.

The DHS Opioid Detection Resilience Act of 2019 requires the Commissioner of CBP to procure chemical screening devices that allow border patrol agents to identify narcotics, including synthetic opioids, with purity levels of less than 10 percent. A

2018 study by the Drug Enforcement Administration (DEA) found that most fentanyl seized at the southwest border tends to be less than 10 percent pure. These changes would fill the gap that currently exists in identifying these synthetic opioids.

“Stopping the flow of illegal drugs across our southern border and at ports of entry is a top priority for our CBP law enforcement officers. This includes fentanyl and other synthetic opioids that can be difficult to detect. Our legislation ensures that DHS has the necessary equipment to detect synthetic opioids and the ability to adapt as smuggling methods evolve. We want to prevent this poison from ever reaching American communities, and our bill helps law enforcement carry out that mission,” Rep. Clay Higgins (R-LA), the bill’s sponsor, said.

Teens brawl with police in Brooklyn subway station

Image

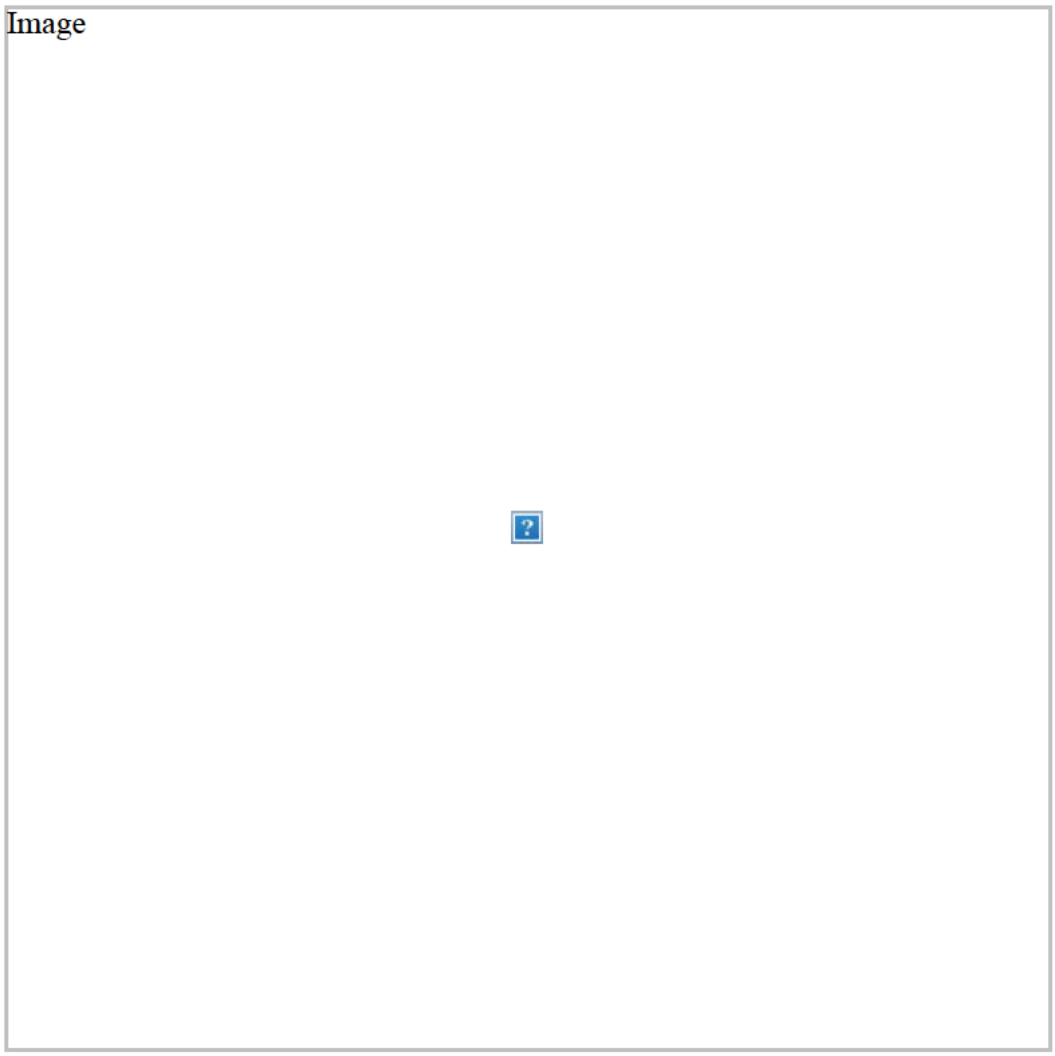
BROOKLYN, N.Y. – A video showing members of the NYPD trying to break up a fight and instead ending up in an all-out brawl with a mob of New Yorkers has gone viral… and media outlets were quick to condemn the cops who were involved.

The Post said that the incident unfolded on Saturday morning around 2:30 a.m. as officers responded to the scene of a fight on the platform of a subway station. The fights had originally began up on Jay Street between two groups of people before the violence spilled down into the station.

Cell phone video captured at the scene shows officers rush into the area and try to pull the brawling teens apart, attempting to put one of the suspects in handcuffs. Other individuals on the outside of the skirmish appear to be pulling the officers away.

The heartbreaking final text this human trafficking victim sent before dying in UK truck

Image



A 26-year-old Vietnamese woman texted her mom frantically that she was suffocating in the truck in which the bodies of 39 people were found in England — and apologized that her journey to a better life ended tragically, according to a report.

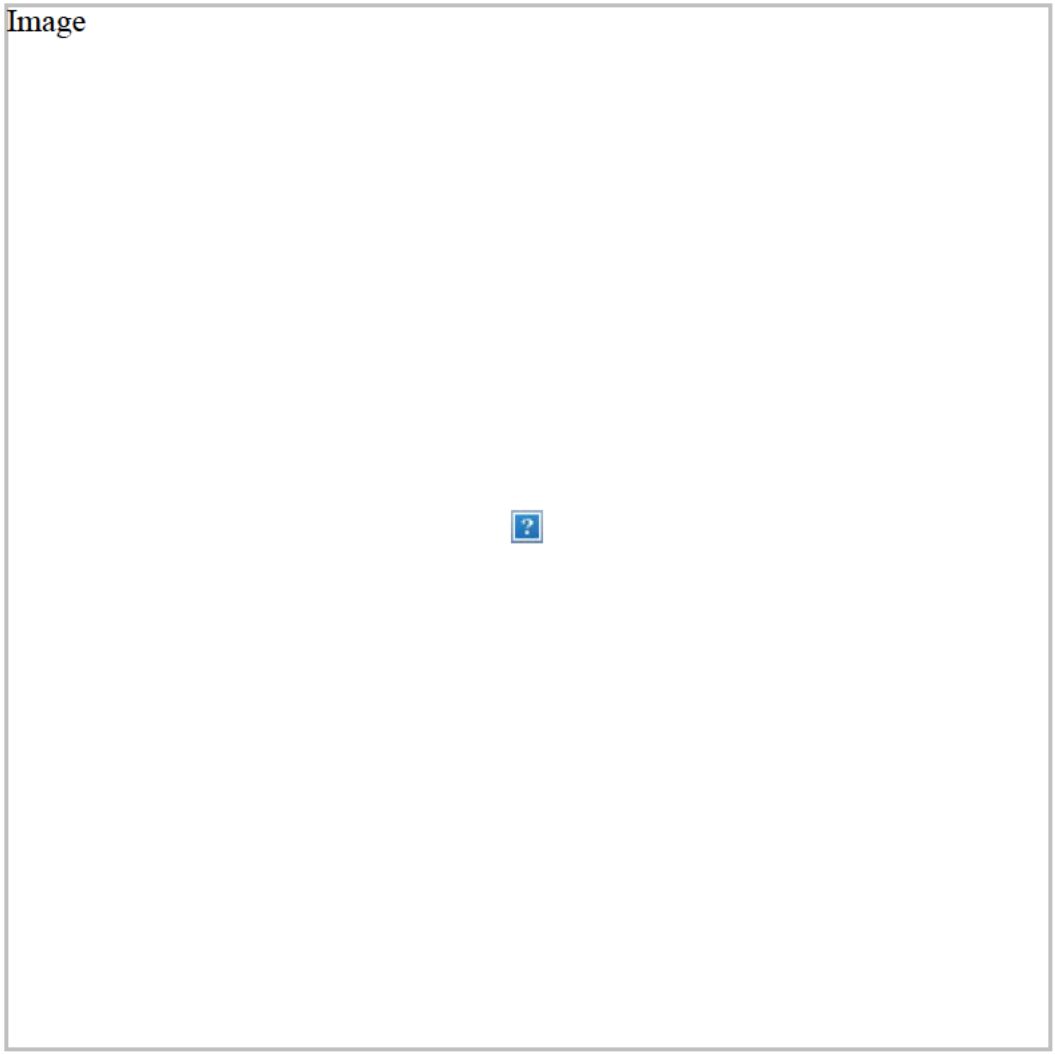
“I’m sorry Mom, my path to abroad didn’t succeed,” Pham Thi Tra My wrote in a series of messages about 10:30 p.m. Tuesday, according to the Mirror.

“Mom, I love you and Dad so much! I’m dying because I can’t breathe,” she added.

News about the young woman’s final moments emerged as two more people were arrested after eight women and 31 men were found dead Wednesday in a case that has shocked

Britain and made headlines around the world.

Labor Trafficking Is A Crime You Probably Don't Notice



It has been more than four years since Catherine Piedad called 911 from a $1.7 million home in Newton.

In 2015, she worked long hours to care for a Russian family's young twins. Her passport was taken, and she slept in a small room with little light and nowhere to store her clothes. When she asked to be paid, her employer threatened to send her back to the Philippines. She feared deportation and did not know who to trust.

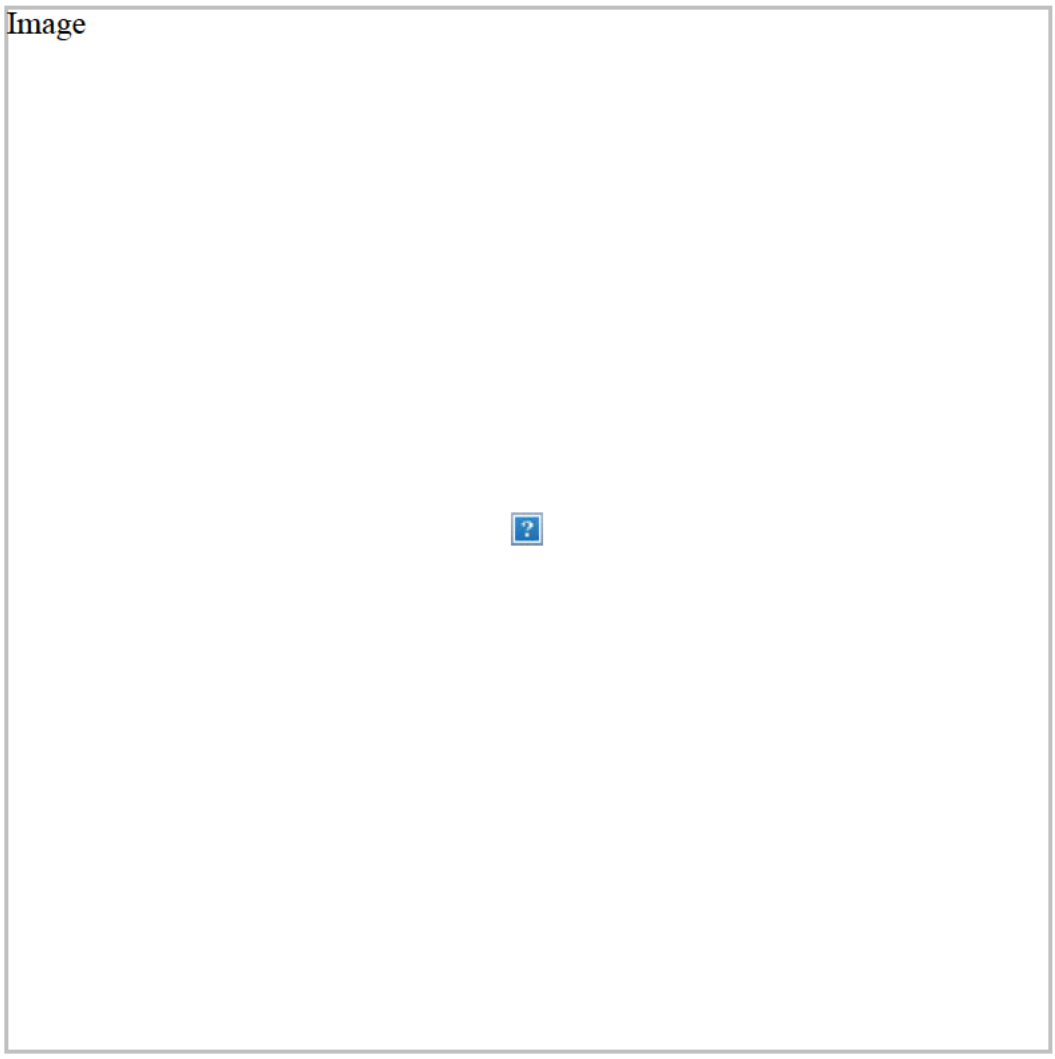
Despite her fear, she called 911. Law enforcement helped her

to leave the family's home but did little else. They did not see her case as "labor trafficking." Instead, the incident was labeled a "labor dispute." Piedad struggled to access her rights — despite the robust federal and state laws designed to protect her.

You've probably heard of sex trafficking, which often involves perpetrators who force, trick or coerce victims into sexual servitude. Although difficult to see, sex trafficking is often visible to law enforcement through the internet: perpetrators sometimes leave a footprint online, which can provide a critical entry point for criminal investigations.

The Mafia's history in Las Vegas: From Bugsy Siegel to Anthony Spilotro

Image



Benjamin "Bugsy" Siegel had been at the helm of the Flamingo

for only six months in June 1947 when he was killed in a hail of gunfire at his girlfriend's Beverly Hills, Calif., home.

But his vision for the Flamingo, the first resort-style hotel on the Strip, was the beginning of a 50-year relationship between Las Vegas and traditional organized crime that helped define "Sin City"and turn it into one of the world's top tourist destinations.

"The general perception on the part of the public is that Las Vegas and the mob have been inextricably linked, and I don't think it will ever be extricated," former longtime state archivist Guy Rocha says.

Groundbreaking books such as "The Green Felt Jungle" in 1963, which revealed the mob's early grip on the city, and popular movies such as "The Godfather" in 1972 and "Casino" in 1995 enhanced this perception through the years.

So did the buzz on the Strip over the Rat Pack, led by headliner Frank Sinatra and his associations with high-profile underworld figures.

New Bill To Bring Illegal Gambling In California Closer To An End

Image

Gambling in the US, as well as in the whole world, is one of the most entertaining and lucrative endeavors. Not only does it provide fun and joy to the players, but it also offers an opportunity to make a fortune.

The gambling operators all around the world are doing everything they can to attract new customers. From online free spins for Australians to no deposit bonuses and other promotions in other countries, casino operators are full of such impressive offers.

However, the industry isn't just this fairy-tale source of joy and money. It also has its drawbacks. With problem gambling, organized crime, and money laundering prospects, gambling has long been considered threatening to society.

That's the reason why the US government, alongside other governments worldwide, have been eager to put the industry

under the limitations and protect the interests of their citizens. With the regulatory restrictions and measures, the government officials have deemed ill-gotten gains illegal and contributed to ending gambling-related crime.

Best true-crime books of all time

Image

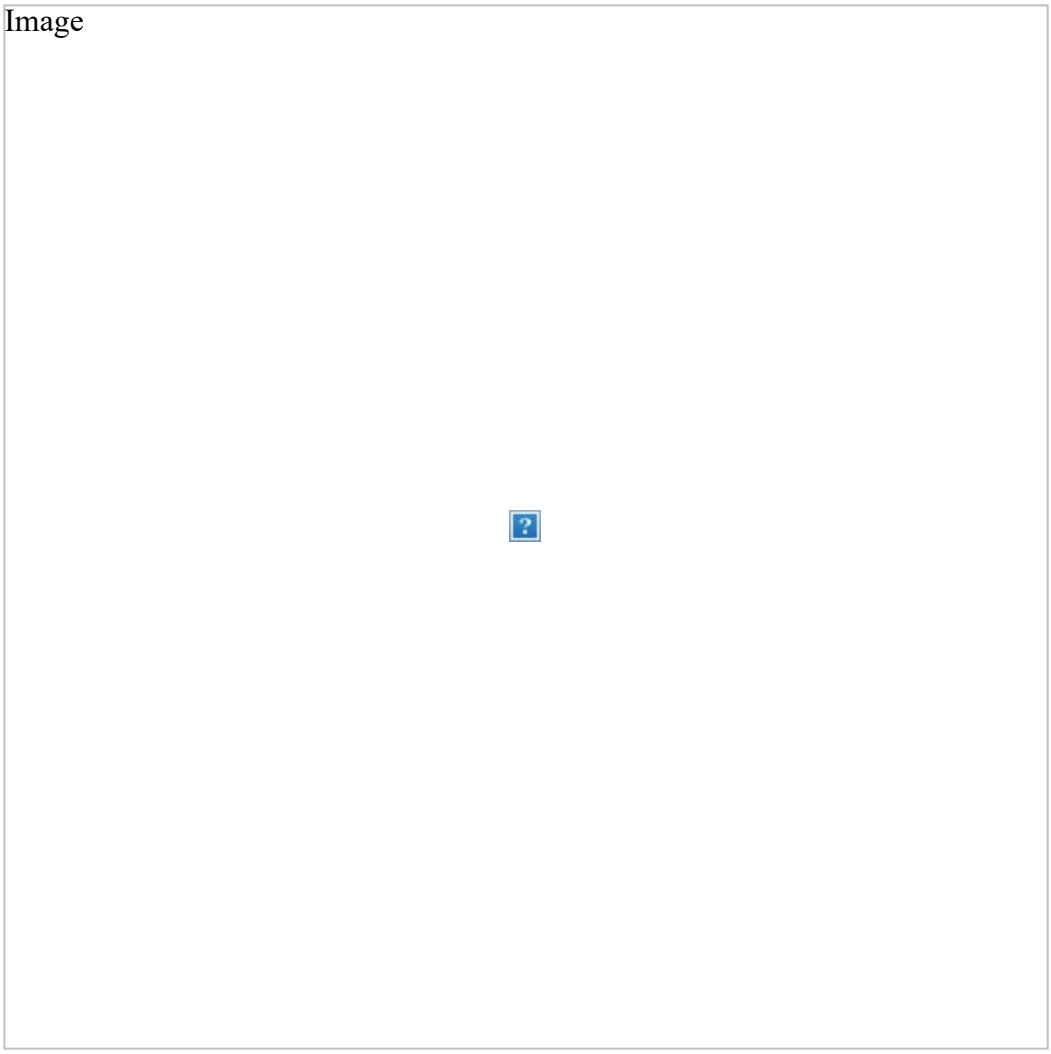


Terrifying tales are not the domain of fiction alone. If you are in search of bone-chilling scares, we recommend you turn to true crime. The key word being true. That's right, no imagination needed. Including stories about such horrific figures as Charles Manson and Ted Bundy, Goodreads compiled a list of the top 10 true-crime books of all time based on the lists, reviews and ratings of their more than 90 million members.

AP

How a Facebook Crime Page Led to Arrest of N.C. Woman in Cold Case Killing of Sister-in-Law

Image



A Facebook page devoted to the murdered, missing or miscreant residents of western North Carolina is being credited with helping authorities bring charges in the 15-year-old cold-case killing of a missing mom of four, allegedly at the hands of her sister-in-law.

The tip that led authorities to a “shallow grave” containing the remains believed to be those of 29-year-old Deborah Elaine Deans “proved to be very accurate and very reliable,” Nash

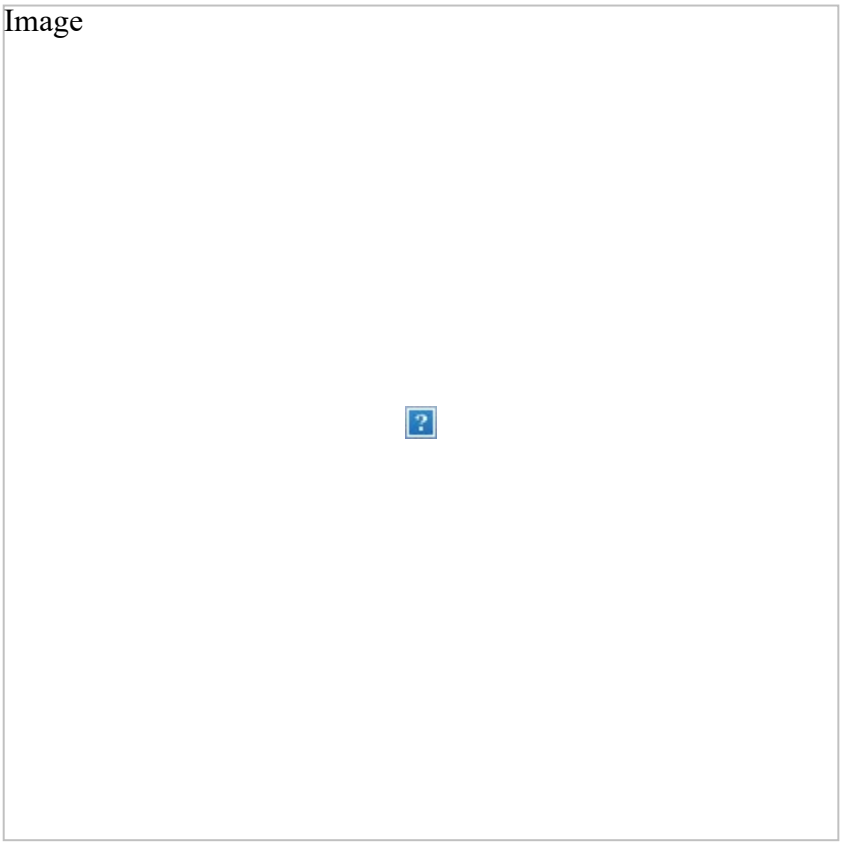
County Sheriff Keith Stone told reporters last week.

But the tipster did not go to police at first.

Instead, the unidentified person sent information about the alleged crime to a woman who created and runs a Facebook page called Fighting Crime News and Who's Wanted, an online outlet whose updates range from wanted posters to promotions of local elections and warnings about traffic tie-ups.

On October 20, a re-post about the unsolved missing-person case of Deans — who was last seen around 9 a.m. on January 19, 2004, at a residence on Wiley Road in Spring Hope — elicited a "very detailed" response that was forwarded to authorities by the Facebook page creator, said Nash.

Google Maps Adds ability to see speed limits and speed traps in 40+ countries

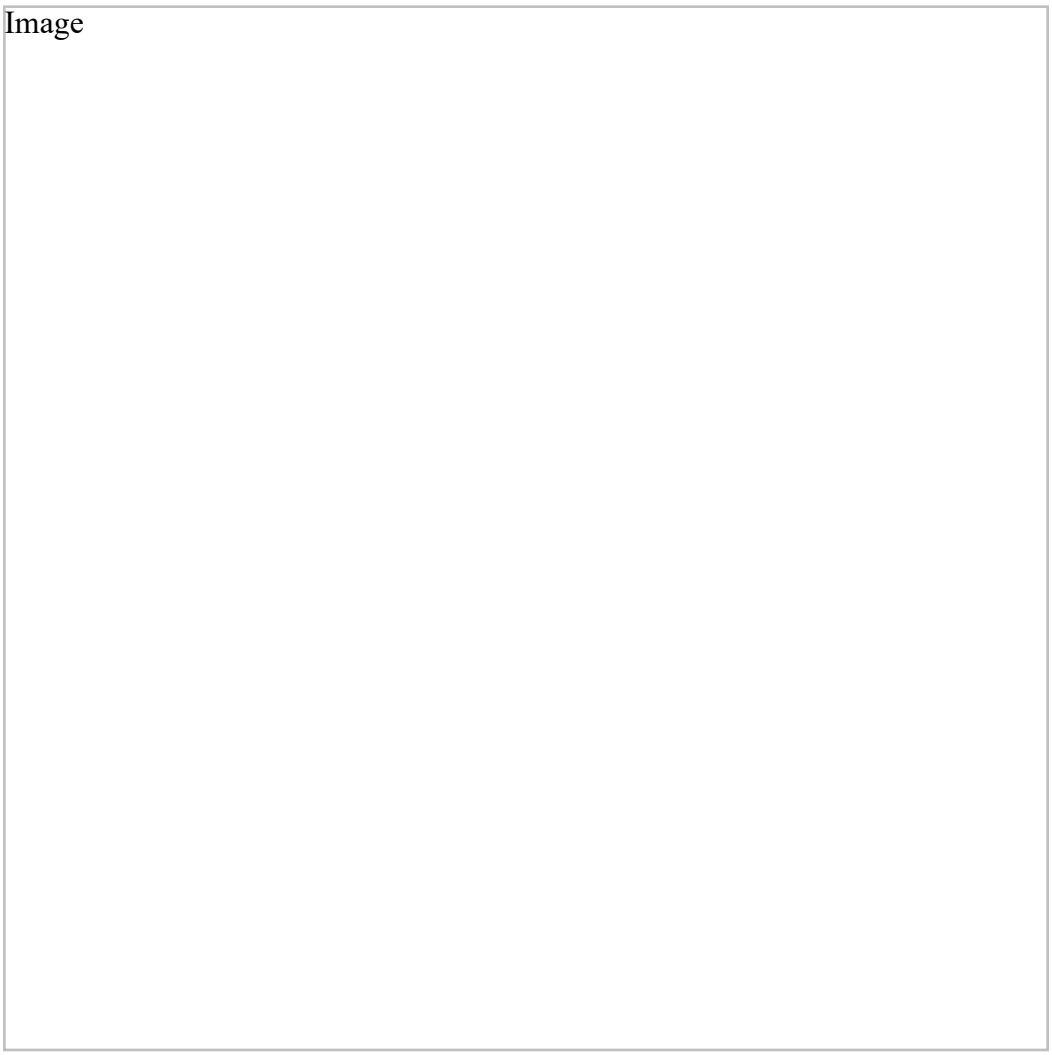


Google Maps is gaining some features previously exclusive to Google's navigation app, Waze. The company confirmed it's rolling out the ability for Google Maps users to see speed limits, speed cameras and mobile speed cameras in more than 40 countries worldwide — an expansion of its earlier launch of these features, which were previously limited to select markets.

The change was noted earlier by ZDNet and, of course, Reddit.

Google confirmed with TechCrunch the full list of supported countries now seeing the speed cameras, which currently includes: Australia, Brazil, U.S., Canada, U.K., India, Mexico, Russia, Japan, Andorra, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, Greece, Hungary, Iceland, Israel, Italy, Jordan, Kuwait, Latvia, Lithuania, Malta, Morocco, Namibia, Netherlands, Norway, Oman, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, South Africa, Spain, Sweden, Tunisia, and Zimbabwe.

The Ethics Board of One of the Largest Vendors of Police Tech (Axon) Makes the Case Against ALPRs



Automated License Plate Readers (ALPRs)—a mass surveillance technology that allows law enforcement to record the location and travel patterns of nearly every driver on the road—are poorly regulated, threaten privacy, and worsen the racial and economic inequalities already ingrained in our justice system.

That's what EFF and other advocates have been saying for years. But now it's coming from an oversight body formed by one of the nation's largest police tech vendors.

Last week, the AI and Policing Technology Ethics Board at Axon, a tech company best known for popularizing body-worn cameras and the Taser, released a damning report concerning the commercial sale of ALPRs. The board, whose purpose is to "help guide and advise the company on ethical issues," concluded that while it sees the potential value of ALPRs, their current role in society is too broad and problematic. The sheer

amount of information that ALPRs gather and store was also a concern for the ethics board—particularly when privately collected data is often for sale to whoever wants to buy it.

ALPR systems include cameras that can be mounted on vehicles like police patrol cars or private tow trucks, or on stationary locations such as streetlights or overpasses. These cameras capture every license plate that passes and index them based on time, date, and location. A police officer can search ALPR databases to learn where a vehicle was in the past or even get real-time alerts when a driver passes by an ALPR camera. Research by EFF, MuckRock, and others have found that even small police departments are able to collect millions of plate scans a year, and often agencies are sharing this data with hundreds of other agencies across the country. Private companies also use ALPR and sell their data to police, financial lenders, insurance companies, private investigators, and debt collectors.

Amazon's Ring is 'the Neighborhood Watch of 2020,' police say as doorbell cams proliferate

Image

That's all it took Livonia Police to arrest a man, who hours earlier was caught on video posted on Ring's Neighbors app rummaging through the bed of a pickup parked in a driveway.

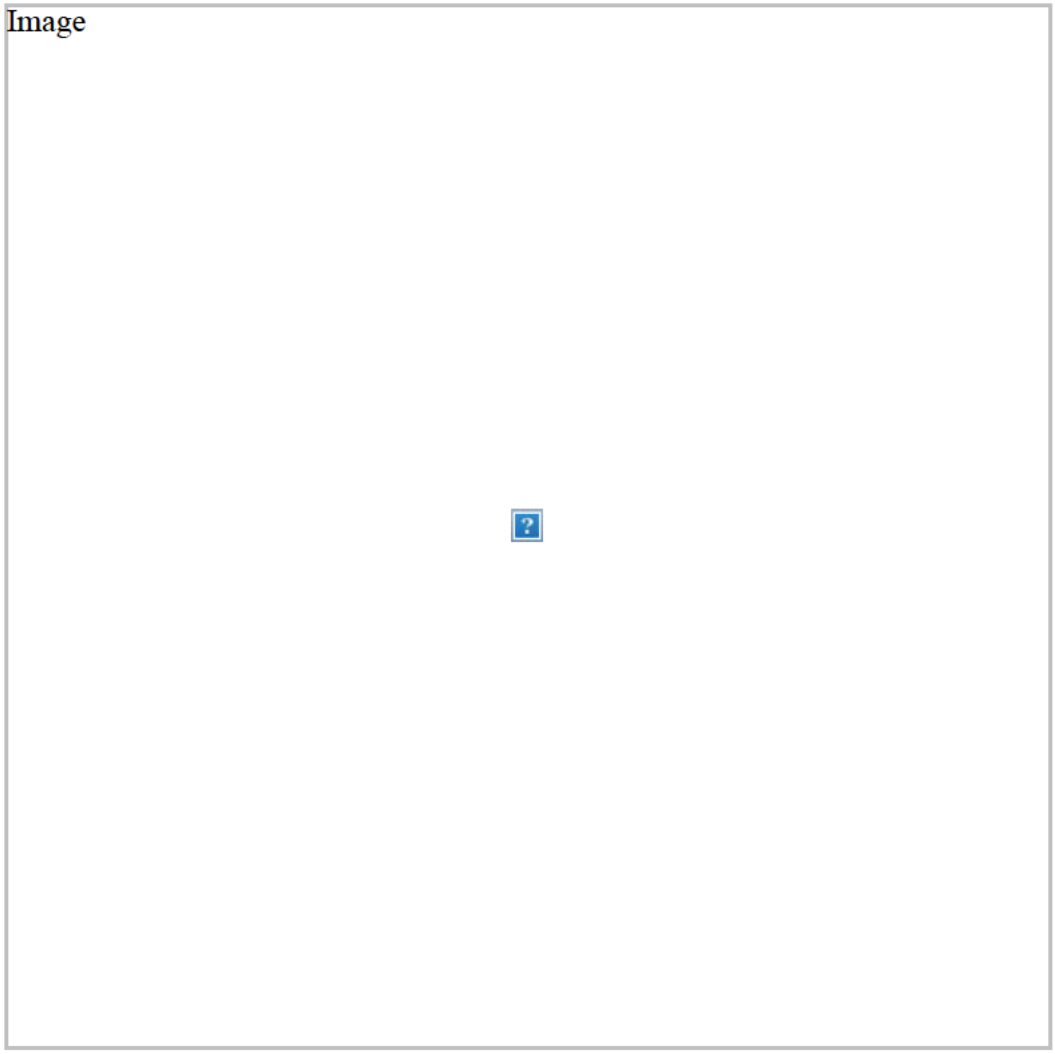
Detectives quickly recognized 60-year-old Jeffrey Couch when they saw the video posted by an app user in mid-August. Within a week, he pleaded no contest in court to two attempted larceny charges and was sentenced to 30 days in jail.

"I truly believe this is the Neighborhood Watch of 2020," said Livonia Police Capt. Ronald Taig, whose force was one of the first law enforcement agencies in Michigan — and is one of more than 400 across the country — to partner with the Ring Neighbors app, owned by Amazon.

How the deadly drug fentanyl

is making its way to the US

Image



Trump administration officials are divided over part of a proposal to crack down on illicit versions of fentanyl, the deadly synthetic painkiller that President Donald Trump targeted in declaring a national opioid abuse emergency.

In an inter-agency dispute that highlights the challenges of curbing opioid abuse, the US Drug Enforcement Administration (DEA) is publicly backing tighter rules for fentanyl analogs, which are slightly altered copycat versions of the powerful drug fueling an explosion in overdoses.

In this case, the bill would cut the Food and Drug Administration out of the time-consuming review process by letting the DEA permanently classify illicit fentanyl analogs as Schedule I drugs, like heroin, which are deemed to be addictive with no medical use.

The DEA says these legal changes would help prosecutors keep pace with criminals who constantly churn out chemically tweaked fentanyl analogs to evade strict Schedule I regulations.

Of 70,200 US drug overdose deaths in 2017, according to the CDC, about 41% involved synthetic opioids, such as fentanyl and illicit analogs of it. Most of them are made in China.

Fentanyl, some versions of which are approved to treat cancer pain, is 100 times more potent than morphine.

Trump Orders Study of Root Causes of Crime, Policing Practices

Image

President Trump on Monday ordered Attorney General William Barr to establish a new commission to study crime and law enforcement with the goal of recommending “actions that can be taken to prevent, reduce, and control crime, increase respect for the law, and assist victims.”

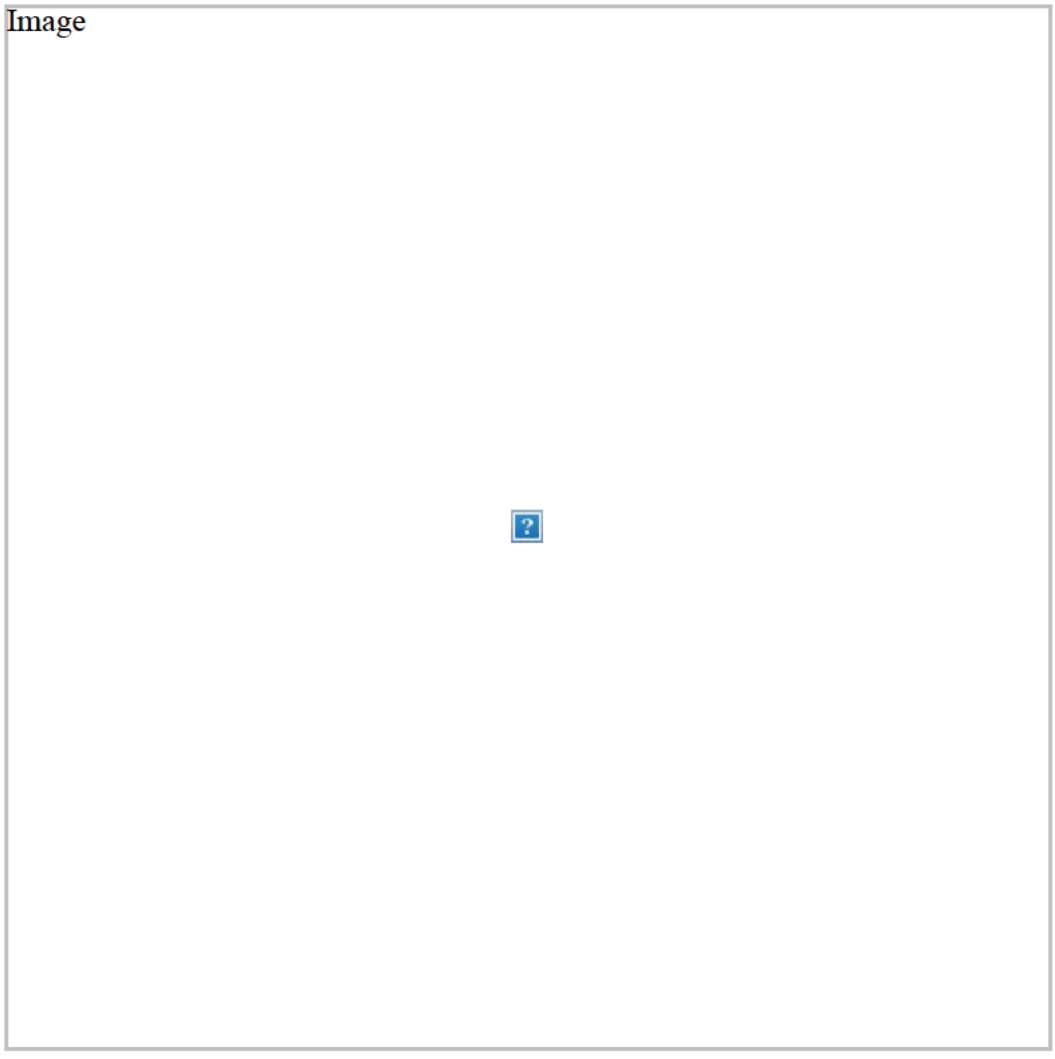
Following remarks in Chicago at the annual International Association of Chiefs of Police conference, the president signed an executive order establishing the Commission on Law Enforcement and the Administration of Justice. The commission will study the influence of substance abuse, homelessness and mental illness on crime as well as examine best practices to recruit, train and support law enforcement, among other things.

“Rigorous study of crime, including its causal factors, and current law enforcement practices is essential to assessing our current criminal justice system's merits and opportunities for

improvement," the executive order stated. "Public safety and proper policing are issues of both national and local significance that continue to require the close cooperation and coordination between the Department of Justice and state, local, and tribal law enforcement."

Quality Afterschool Programs Proven to Reduce Crime

Image



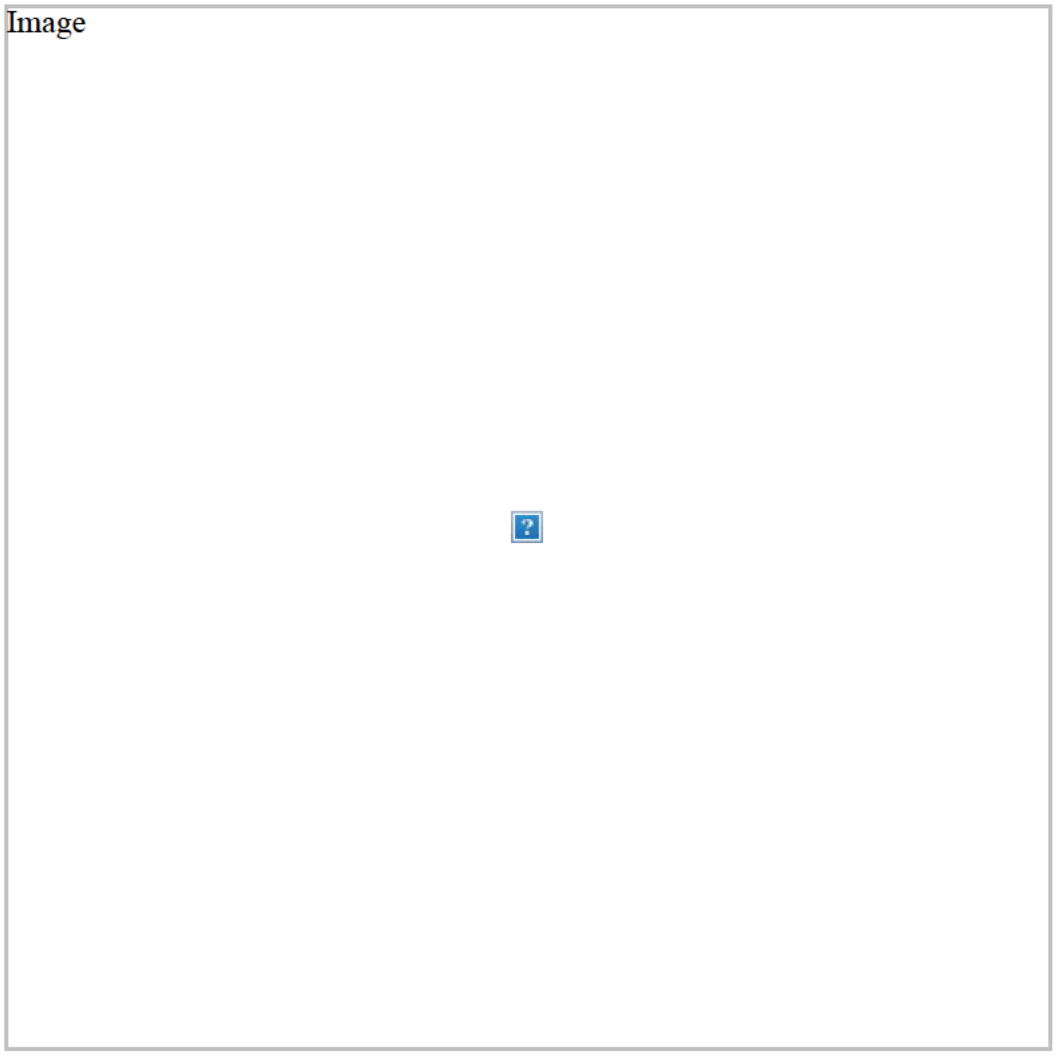
As a member of your District Attorney's Office for almost 30 years, and your DA for nearly 10, I've learned that the hours after school lets out are the prime time for juvenile crime.

It is between these hours of 2 to 6 p.m. that youth are more likely to be arrested for assault, theft and drug-related crimes.

Quality afterschool programs have been proven to reduce these crimes in our community, keep students engaged, and improve academic performance and student behavior.

A new report from Fight Crime: Invest in Kids shows that when youth have access to high-quality, affordable afterschool programming, they benefit immensely from homework help and outdoor activities, and they're less likely to commit or become victims of crime.

Australia's government is floating an idea to scan internet users' faces before they can watch porn online



Australia's Department of Home Affairs has touted an idea to use facial recognition software in order to verify internet users

ages before they can access pornography or gambling websites.

In its parliamentary submission, the department says that its Document Verification Service and Face Verification Service — though broadly intended to be used as systems for fighting crime and identity theft — could also be used by police for age verification controls.

"This could assist in age verification, for example by preventing a minor from using their parent's driver licence to circumvent age verification controls," the submission states.

"Whilst they are primarily designed to prevent identity crime, Home Affairs would support the increased use of the Document and Face Verification Services across the Australian economy to strengthen age verification processes."

Police turn to hackers in Australia's first crowdsourced attempt to find missing people

Image

For decades the traditional 'missing person' poster has been used to enlist the community's help to find individuals who may be in danger.

But with more than 2,600 Australians now listed as a "long-term" disappearance, the federal police are trying what they hope will be a more successful tactic: turning the search into a game.

More than 350 internet sleuths and "ethical hackers" — hobbyists and professionals — gathered at 10 locations around the country on Friday in a national missing-persons "hackathon".

The aim was to generate leads for 12 of Australia's most frustrating cold cases, using sophisticated but legal methods of trawling the internet.

And organisers said the results were astounding: 100 leads

were generated every 10 minutes the competing teams worked.

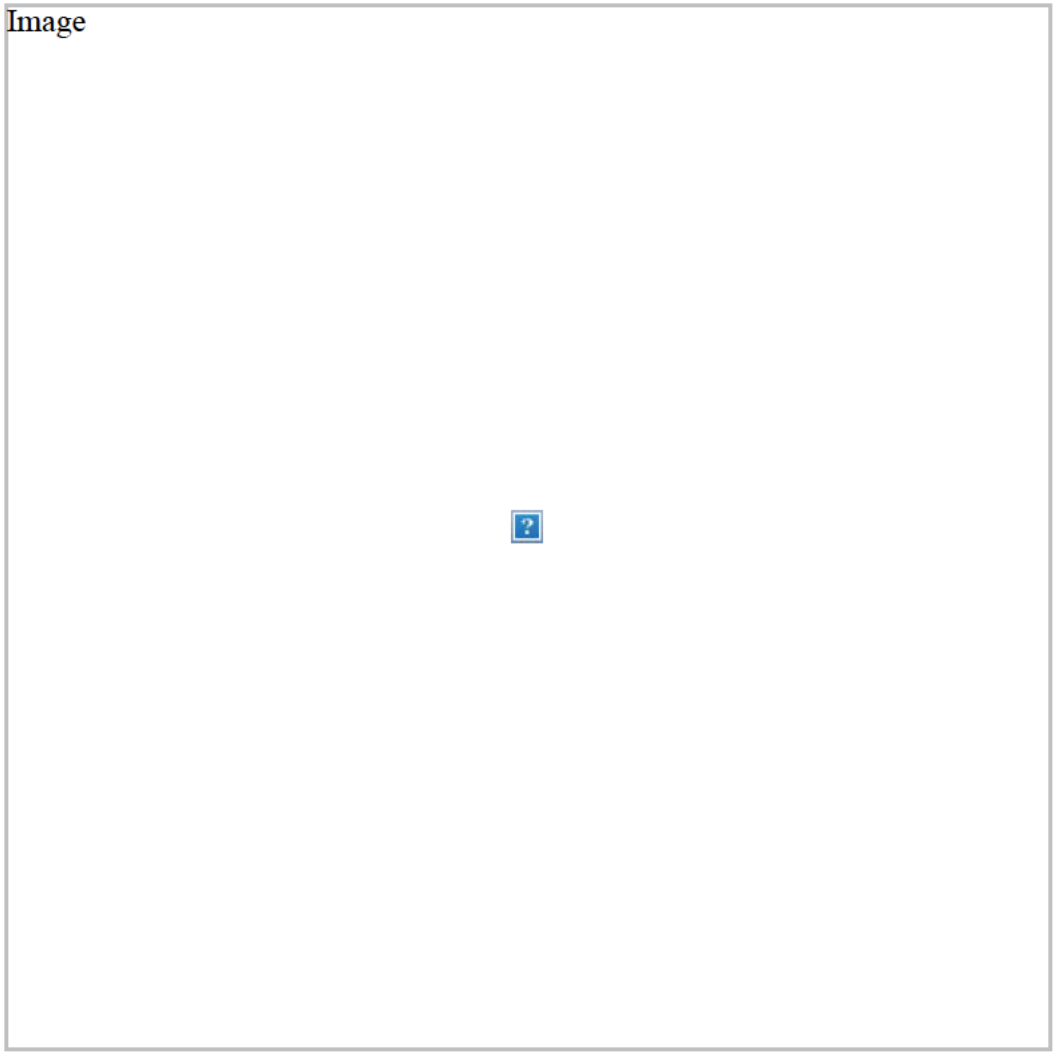
Police overseas have used crowdsourcing in the past for help with isolated cases, aided by these largely voluntary "open-source intelligence" (OSINT) enthusiasts.

But Linda Cavanagh, of the Canberra Cyber Security Innovation Node, said the Australian event was the first of its kind to be deployed on a national scale.

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10 of the Best Tools to Find Relevant Influencers on Social Media

Image



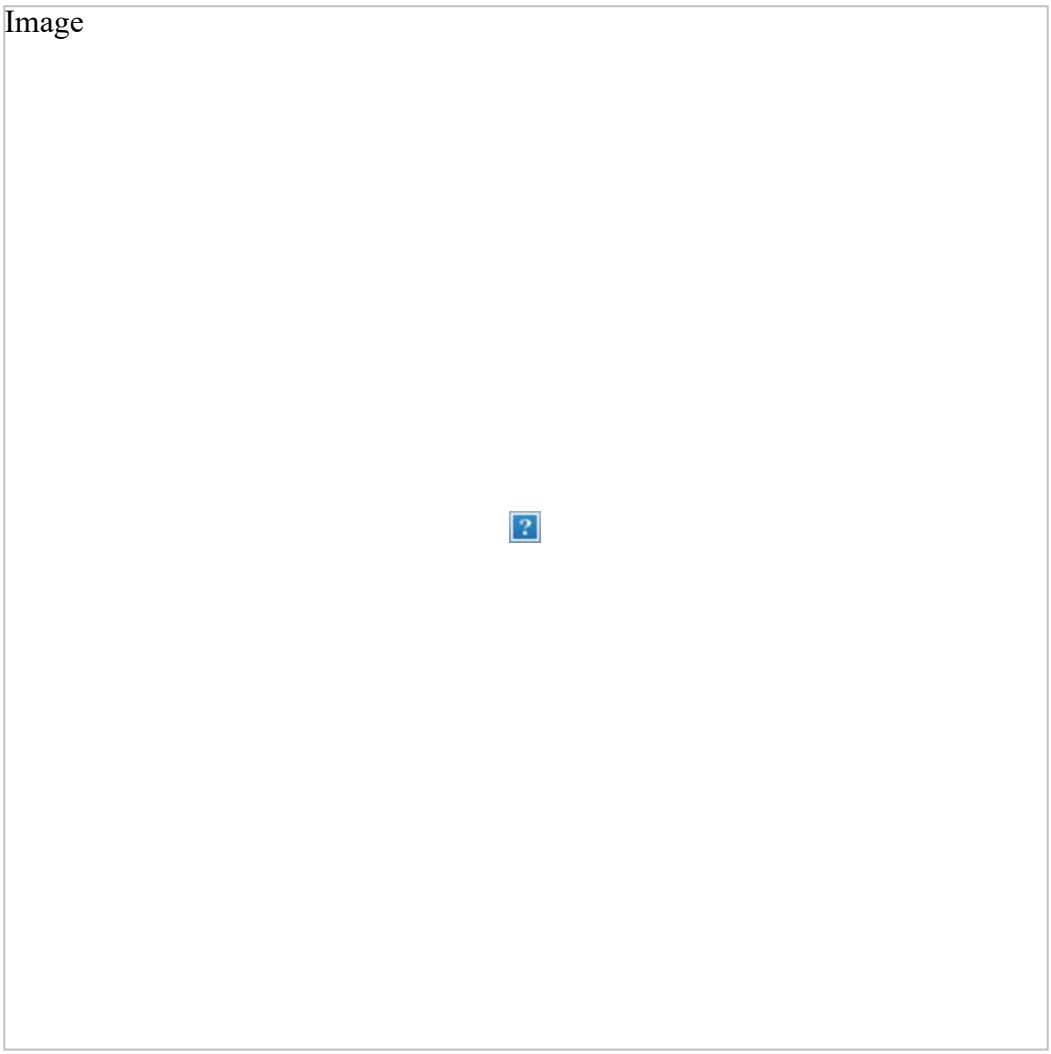
While it's become a much bigger consideration in recent years, influencer marketing, as a practice, has actually existed for a very long time. In the past, however, influencers were only on

TV or in magazines, and unlike social media, TV and newspapers are limited, which led to a situation where a select number of celebrities were able to charge tons of money for making an ad for Pepsi or Swatch in order to influence consumer behavior.

With the birth of social platforms, everything changed. The Internet has no limits, there can be as many influencers as the world requires. They can be of any age and social status, and in any area of expertise (or no area of expertise). And they can work with any brand.

How Your Volunteering Trip Could Contribute To Human Trafficking

Image



The advent of cheap air travel and Instragammable holiday

photos, combined with a longing for meaning, has created a new breed of traveler: the voluntourist. This ever-growing trend describes people, most often young and affluent Westerners, who travel to the global South to help with community projects.

While no doubt sweetly intentioned, there is considerable concern over the fad of “voluntourism” and whether it does more harm than good for the communities in developing countries – especially when it involves children or work at an orphanage. On the surface of the problem, it’s questionable whether treating the developing world as a playground is an effective model to address systemic poverty and care for vulnerable children.

An anthropological study published in the Journal of Sustainable Tourism has shown how volunteer programs can actually contribute towards a superficial understanding of poverty that distracts from the larger systems that produce inequality and poverty. Through a series of in-depth interviews with young people from the US who volunteered in Malawi, they found their volunteer work was often carried out through a colonial and “mythologized” image of a helpless Africa needing the benevolence of the West. The volunteers also viewed African poverty in terms of the “American Dream” and the idea of pulling oneself out of poverty through hard work, as opposed to deep-rooted economic, social, and historical factors at play.

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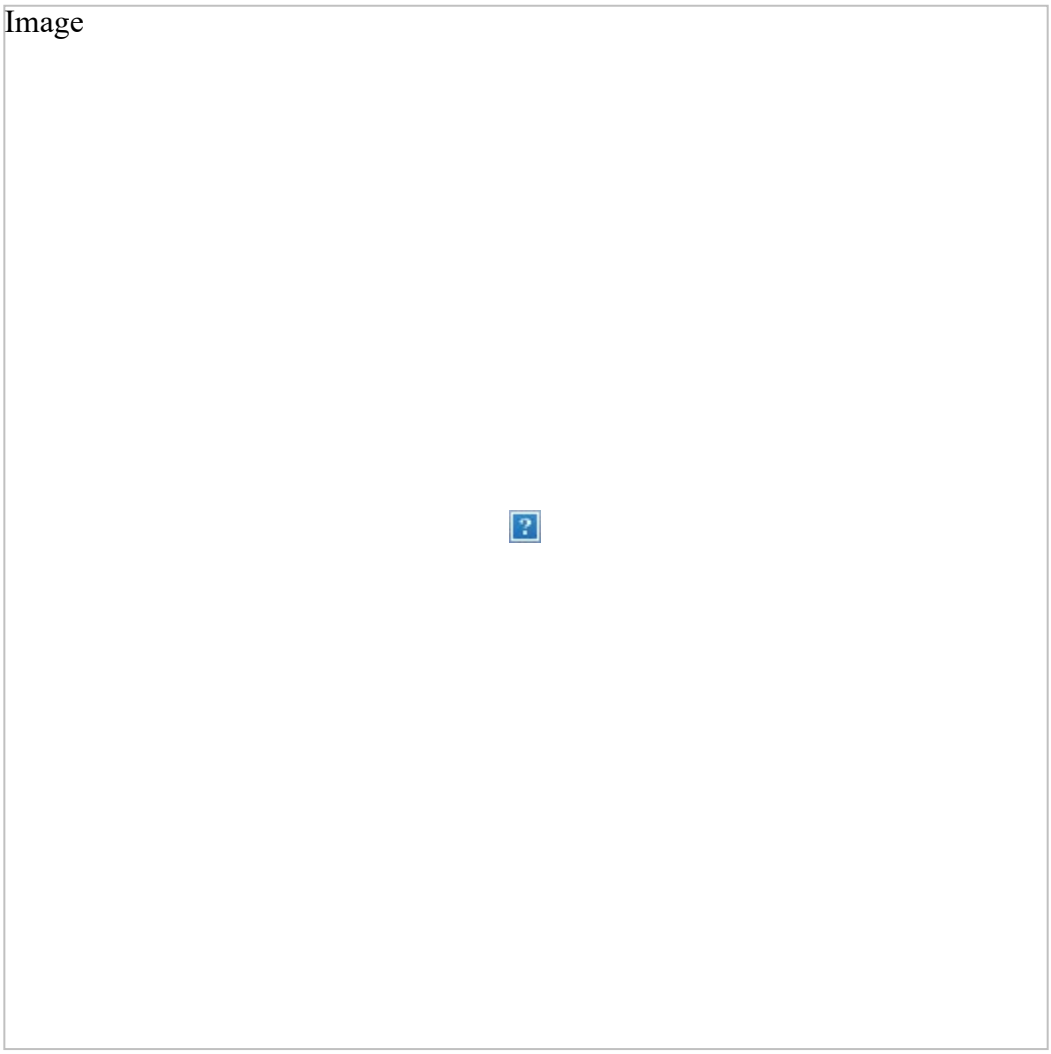
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Each Wednesday, we share with you a few of the articles or intelligence-based publications that have come across our desk. We are exicted to see, each week, Law Enforcement Officers, Analysts and Administrators from around the world reading this.

If you have a publication or an article that you feel needs to be shared, please send these to IntelligenceAnalysis@mac.com for review.

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Wednesday 10/30/19

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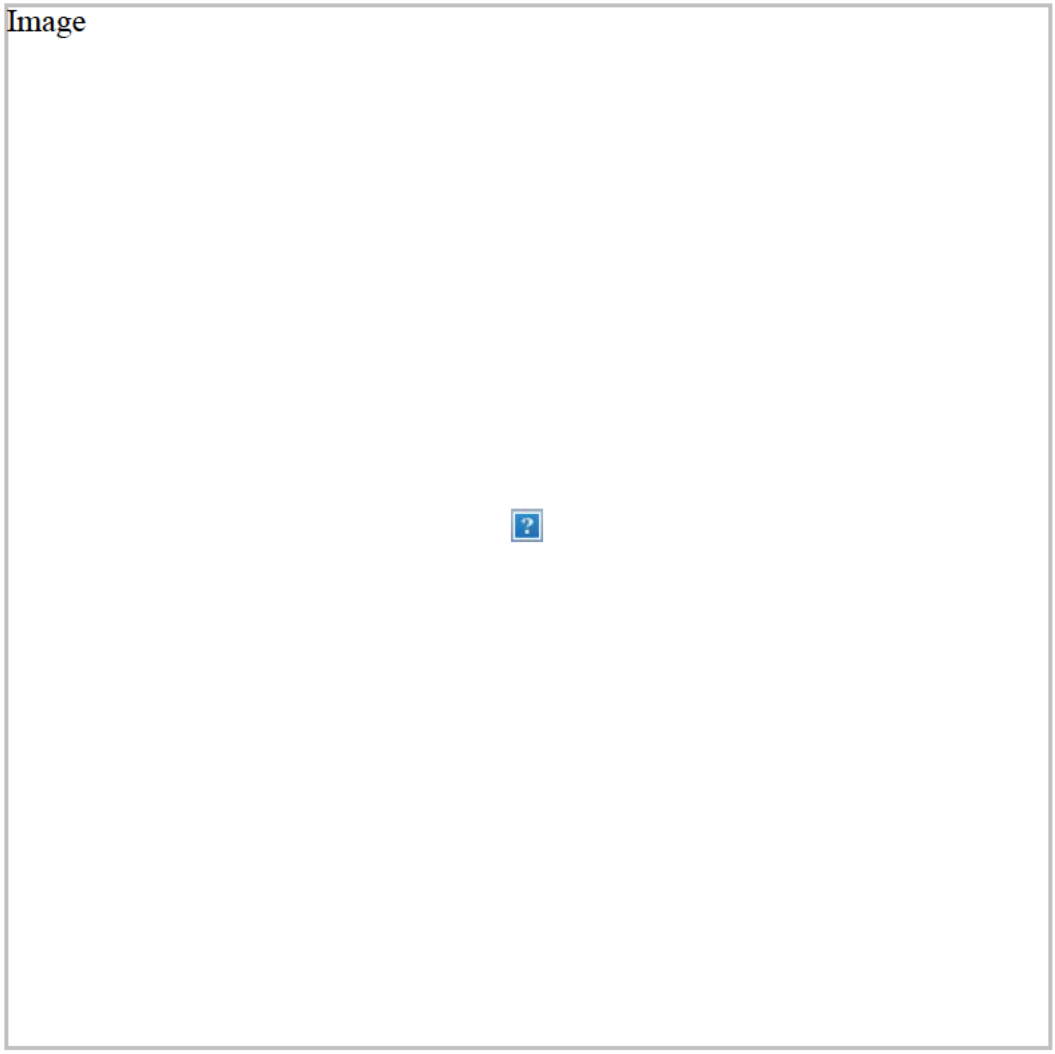
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BAE wins open source intelligence

contract from the Army



The Army has awarded BAE Systems a $437 million task order for open source intelligence support, the company announced Oct. 15 during the 2019 Association of the United States Army conference.

As part of the task order, BAE Systems will provide the Army and Army Intelligence & Security Command (INSCOM) approved partners with open source solutions to publicly available data.

“We’re proud to continue to partner with the U.S. Army and support their critical national security missions with this new capability,” Peder Jungck, vice president and general manager of BAE Systems’ intelligence solutions business.

The company won the initial award of the five-year task order

and began ramping up in August, Jungck said. The task order is an extension of projects the company has been doing for the Army, but this is the first time the work been consolidated and awarded as a larger contract, he explained.

“If you look at contracts in general around OSINT there’s been kind of small ones, there’s been lots of pilots out of agencies and even within the Army and throughout INSCOM there were different kind of brigades and battalions that had their own set of tools," he said. "This is one of the first of the really large OSINT and AI consolidation contracts. I don’t think anybody’s really had a large one like this.”

Calif. police stand by cop after video released in 2017 OIS of murder suspect

Image



FRESNO, Calif. — Community activists are expressing outrage

after seeing video footage that shows a Fresno police sergeant fatally shooting an unarmed 16-year-old boy as he fled during a foot pursuit.

Meanwhile, the local police union and supporters of law enforcement have stepped up in support of the sergeant, saying he acted within guidelines while pursuing a murder suspect.

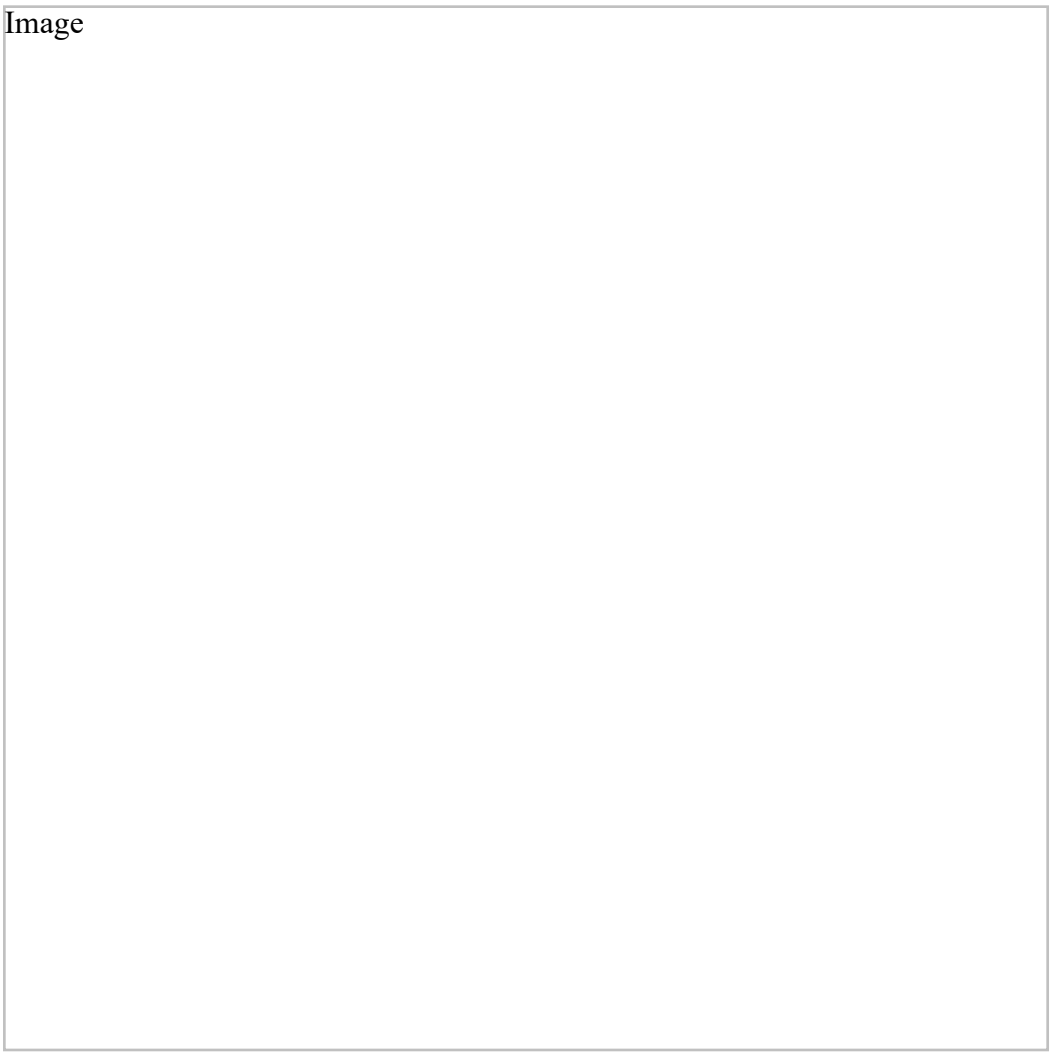
The footage shows Sgt. Ray Villalvazo firing a single shot into the back of Isiah Murrietta-Golding's head, according to a lawsuit filed on behalf of the teen's family.

The video was captured on a surveillance camera at a daycare facility on April 14, 2017, and was released by attorney Stuart Chandler, who's representing the family of Murrietta-Golding. The boy's family alleges the sergeant used excessive and unlawful deadly force, and committed assault and battery with negligence.

Additionally, in footage released from a police officer's body camera, one officer is heard shouting "good shot" as officers handcuff and search the already prone Murrietta-Golding.

Asia has an organized-crime problem. Canada is well placed to help

Image



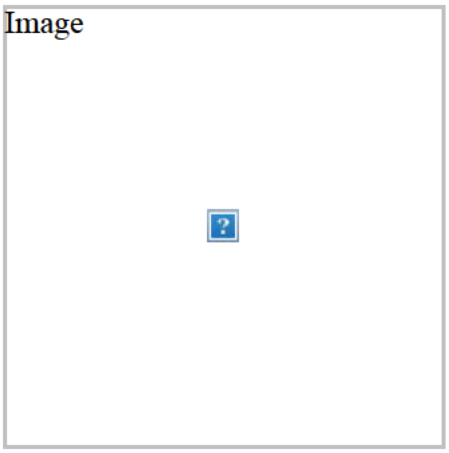
Jeremy Douglas is the regional representative for the United Nations Office on Drugs and Crime (UNODC) for Southeast Asia and the Pacific and a former UNODC representative for Pakistan. The opinions expressed in this commentary are his.

More than a few eyebrows went up last week when Tse Chi Lop – a 55-year-old Canadian man – was accused of being arguably the biggest drug trafficker in the history of Asia.

Mr. Tse is suspected – by police in Myanmar, Australia and Taiwan, and by the United Nations Office on Drugs and Crime (UNODC) – of being the leader of Sam Gor, or Brother Number Three, a supersyndicate largely responsible for the dramatic shift in recent years in organized crime away from drugs such as heroin and toward synthetics, such as methamphetamine, ketamine and fentanyl. It's a shift that has been driven by control and profit, since synthetics offer many advantages to criminal organizations: Labs can be quickly set up or moved;

they are not subject to external conditions such as climate, nor do they require large work forces; and production can be rapidly scaled up to drive the market. Put these things together and it means the disruption of the traditional drug business and the heavily concentrated profits that come with it.

Florida Senator Rick Scott Announces Legislation To Address 'FBI Failures' Regarding Parkland Shooting



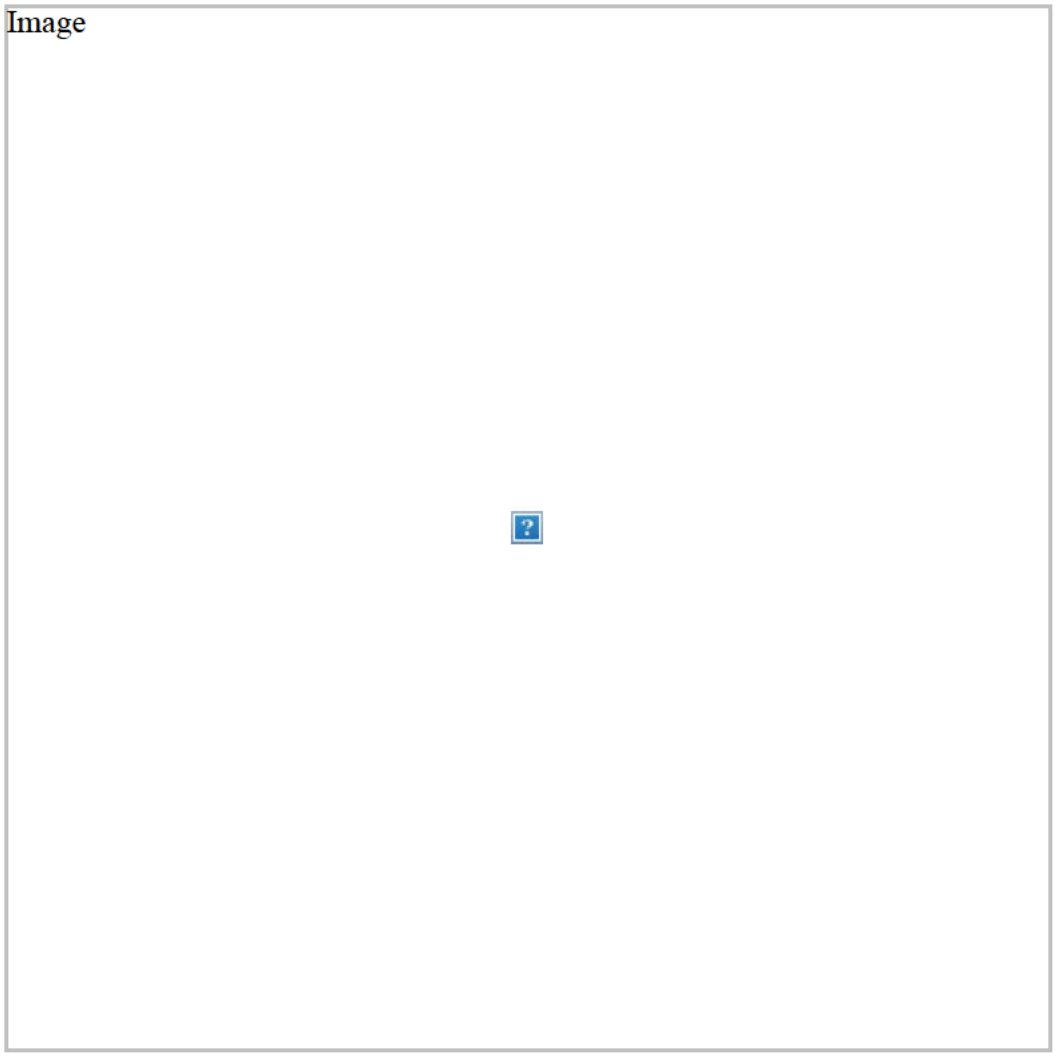
MIAMI (CBSMiami) – Florida Senator Rick Scott announced legislation Thursday to hold the Federal Bureau of Investigations accountable for its 'failures to address critical deficiencies in its handling of actionable intelligence' in regards to the mass shooting at Marjory Stoneman Douglas High School in 2018.

The 'Threat Information Protocol for Sharing (TIPS) Act' is supported by Stand with Parkland, an organization founded by the family members of the victims of the Parkland shooting.

"Not a day goes by that I don't think about the 17 souls that were taken from us in a brutal act of violence at Marjory Stoneman Douglas High School. Following the tragedy, we all worked together to pass the Marjory Stoneman Douglas High School Public Safety Act to make our schools safer and prevent future tragedies, but we aren't finished. We cannot accept the repeated failures of the FBI to properly investigate and act on specific tips received about the Parkland shooter, as well as other perpetrators of mass violence in Florida. I'm

proud to stand with the family members of the victims to announce the TIPS Act, which bridges the gap between federal and state law enforcement agencies by mandating information sharing of all state-specific criminal intelligence tips. This is about getting information on threats into the hands of the right people, who can ultimately prevent violence and protect our families," Scott said.

Majority of Mexicans Say Organized Crime Stronger than Government after El Chapo's Son Released



A majority of Mexicans see organized crime as more powerful than the Mexican government after government forces capitulated to drug-cartel strongmen and released the son of

the former cartel leader Joaquín Guzmán, known as “El Chapo.”

About 56 percent of Mexicans say they believe organized crime is stronger, while only 33 percent say the government is stronger, according to a poll by the Mexican newspaper Reforma.

Mexican authorities were forced on Thursday to release Ovidio Guzmán López, El Chapo’s son, shortly after capturing him, when the Sinaloa cartel laid siege to the city of Culiacán and surrounded Mexican troops, taking eight soldiers hostage. Officials said at least 14 people died during the clashes between cartel members and Mexican soldiers.

49 percent of respondents in the Reforma poll disagreed with the decision to release López, while 45 percent said they supported it. Residents of Culiacán expressed relief that the government had surrendered, saying the decision prevented further violence.

Mexican lawmen get FBI training to combat organized crime, terrorism

Image

JUAREZ, Mexico — Three Chihuahua state lawmen recently completed intelligence and intervention training courses sponsored by the FBI, according to the State Security Commission.

Alvaro Serrano Escobedo, the commission's operations director, received training on anti-terrorism, intelligence gathering, leadership and the combat of organized crime at FBI headquarters in Quantico, Virginia. The training is part of the FBI's Mexican Law Enforcement Executive Development (MEXLEED) program, the commission said in a news release.

Ginés Jaime Ruiz García, first officer of the Chihuahua State Police, and Jesús Alejandro Cruz Rangel, who heads rural operations for the agency, attended the FBI's Mexican American Liaison and Law Enforcement Training (MALLET) program in South Padre Island, Texas, the commission said.

The three lawmen were among 30 duly vetted Mexican officials chosen by the FBI for training this year, the commission said.

63 accused drug dealers plead guilty in heroin, fentanyl and cocaine trafficking rings

Image

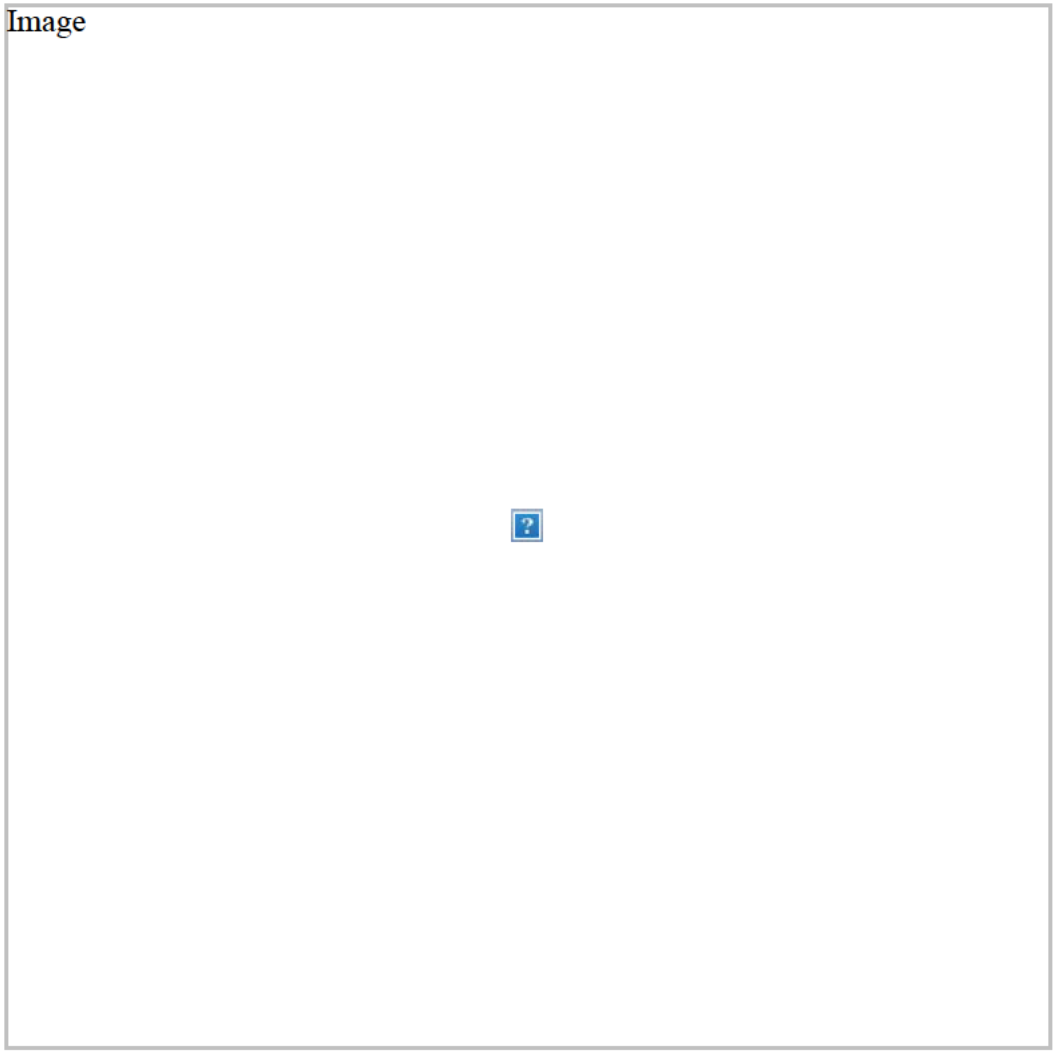
SYRACUSE — New York State Attorney General Letitia James has announced the guilty pleas of 63 people for their roles in two major narcotics trafficking operations that transported heroin, fentanyl, and cocaine to Onondaga, St. Lawrence, Oswego, Oneida, and Jefferson counties.

The investigation resulted in the recovery of approximately 4,700 bags of heroin and fentanyl, worth approximately $140,000, and approximately 2 kilograms of cocaine, worth more than $200,000, according to a news release from the Attorney General's office.

“These individuals flooded our communities with dangerous drugs that are putting New Yorkers at great risk,” said Attorney General Letitia James in the news release.

House bill would give border agents tool to detect synthetic opioids

Image



A bill that would give U.S. Customs and Border Protection (CBP) agents the equipment to detect synthetic opioids has been introduced in the U.S. House.

The DHS Opioid Detection Resilience Act of 2019 requires the Commissioner of CBP to procure chemical screening devices that allow border patrol agents to identify narcotics, including synthetic opioids, with purity levels of less than 10 percent. A

2018 study by the Drug Enforcement Administration (DEA) found that most fentanyl seized at the southwest border tends to be less than 10 percent pure. These changes would fill the gap that currently exists in identifying these synthetic opioids.

“Stopping the flow of illegal drugs across our southern border and at ports of entry is a top priority for our CBP law enforcement officers. This includes fentanyl and other synthetic opioids that can be difficult to detect. Our legislation ensures that DHS has the necessary equipment to detect synthetic opioids and the ability to adapt as smuggling methods evolve. We want to prevent this poison from ever reaching American communities, and our bill helps law enforcement carry out that mission,” Rep. Clay Higgins (R-LA), the bill’s sponsor, said.

Teens brawl with police in Brooklyn subway station

Image

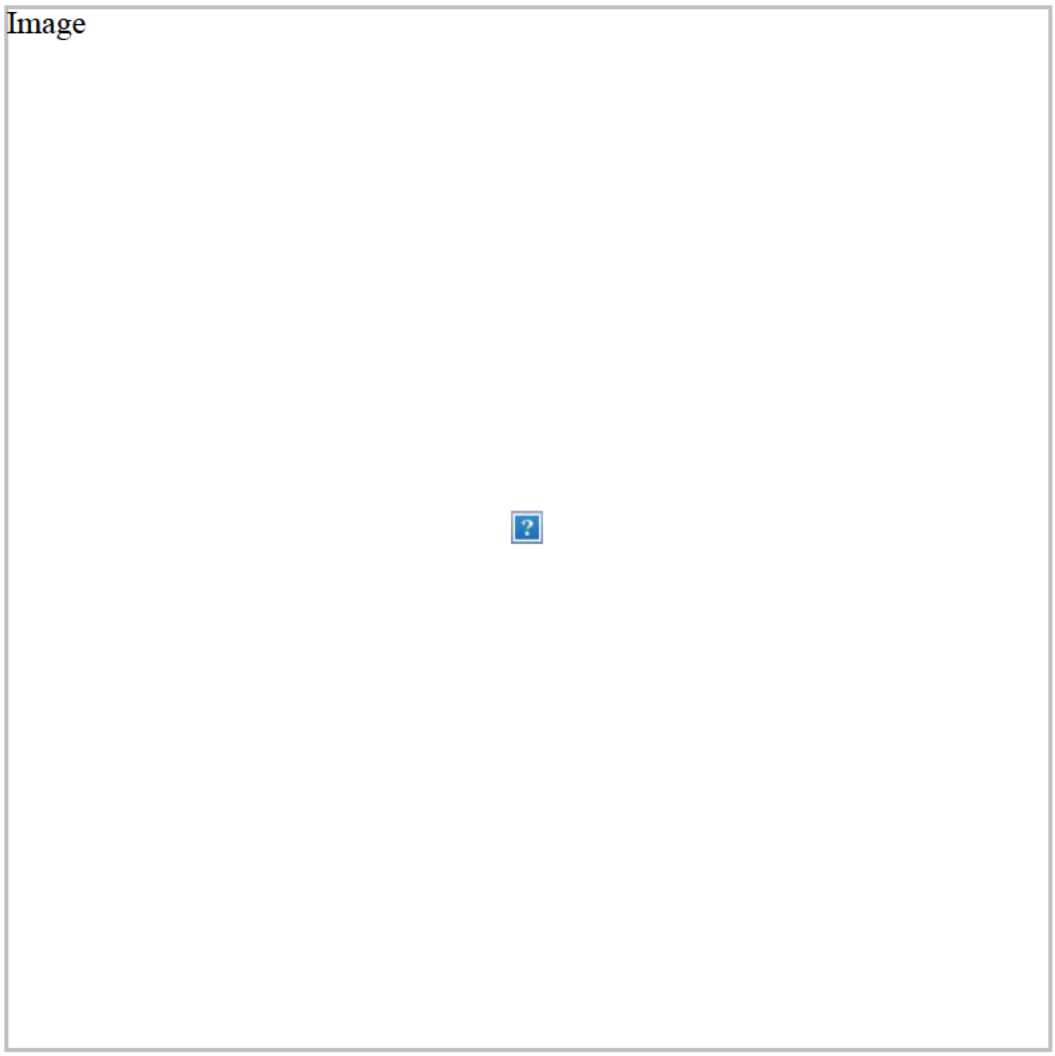
BROOKLYN, N.Y. – A video showing members of the NYPD trying to break up a fight and instead ending up in an all-out brawl with a mob of New Yorkers has gone viral… and media outlets were quick to condemn the cops who were involved.

The Post said that the incident unfolded on Saturday morning around 2:30 a.m. as officers responded to the scene of a fight on the platform of a subway station. The fights had originally began up on Jay Street between two groups of people before the violence spilled down into the station.

Cell phone video captured at the scene shows officers rush into the area and try to pull the brawling teens apart, attempting to put one of the suspects in handcuffs. Other individuals on the outside of the skirmish appear to be pulling the officers away.

The heartbreaking final text this human trafficking victim sent before dying in UK truck

Image



A 26-year-old Vietnamese woman texted her mom frantically that she was suffocating in the truck in which the bodies of 39 people were found in England — and apologized that her journey to a better life ended tragically, according to a report.

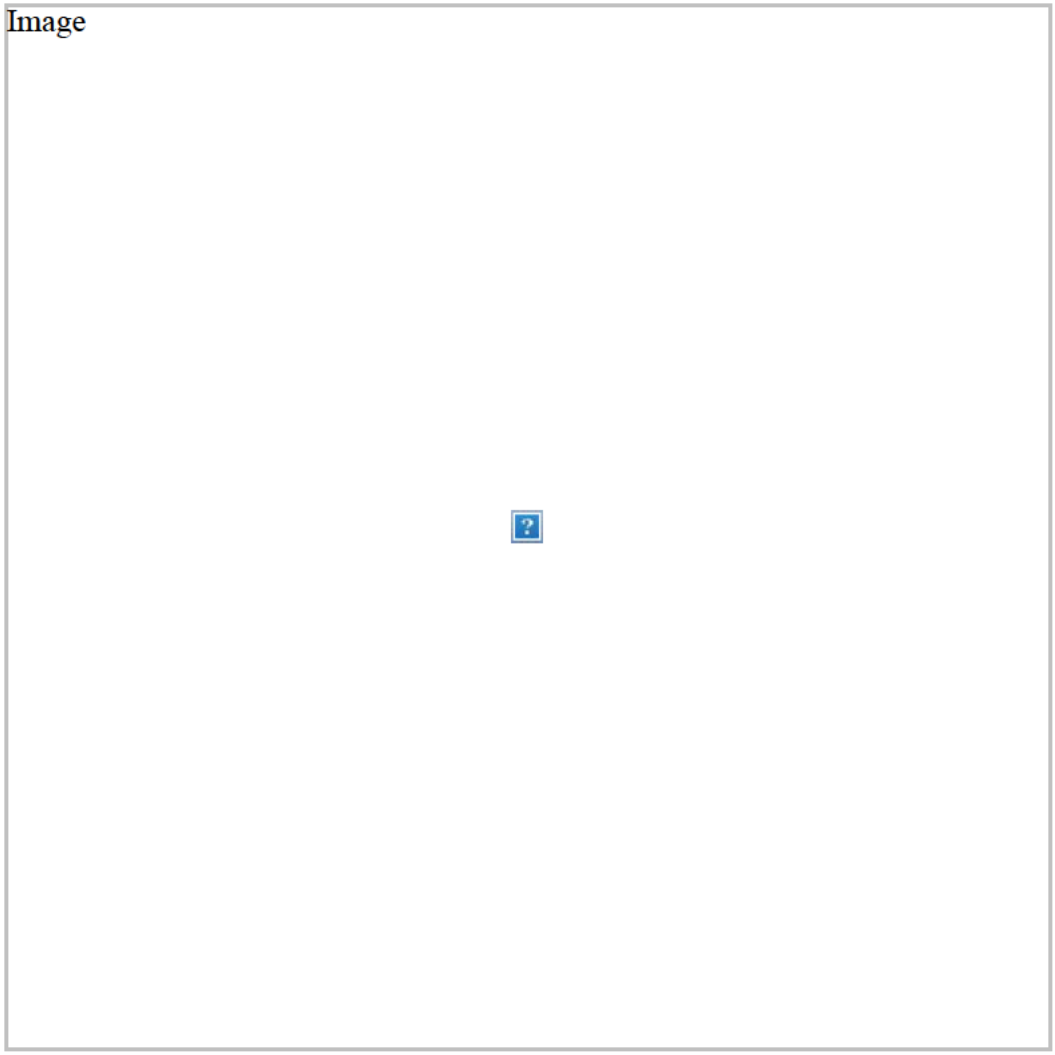
“I’m sorry Mom, my path to abroad didn’t succeed,” Pham Thi Tra My wrote in a series of messages about 10:30 p.m. Tuesday, according to the Mirror.

“Mom, I love you and Dad so much! I’m dying because I can’t breathe,” she added.

News about the young woman’s final moments emerged as two more people were arrested after eight women and 31 men were found dead Wednesday in a case that has shocked

Britain and made headlines around the world.

Labor Trafficking Is A Crime You Probably Don't Notice



It has been more than four years since Catherine Piedad called 911 from a $1.7 million home in Newton.

In 2015, she worked long hours to care for a Russian family's young twins. Her passport was taken, and she slept in a small room with little light and nowhere to store her clothes. When she asked to be paid, her employer threatened to send her back to the Philippines. She feared deportation and did not know who to trust.

Despite her fear, she called 911. Law enforcement helped her

to leave the family's home but did little else. They did not see her case as "labor trafficking." Instead, the incident was labeled a "labor dispute." Piedad struggled to access her rights — despite the robust federal and state laws designed to protect her.

You've probably heard of sex trafficking, which often involves perpetrators who force, trick or coerce victims into sexual servitude. Although difficult to see, sex trafficking is often visible to law enforcement through the internet: perpetrators sometimes leave a footprint online, which can provide a critical entry point for criminal investigations.

The Mafia's history in Las Vegas: From Bugsy Siegel to Anthony Spilotro

Image

Benjamin "Bugsy" Siegel had been at the helm of the Flamingo

for only six months in June 1947 when he was killed in a hail of gunfire at his girlfriend's Beverly Hills, Calif., home.

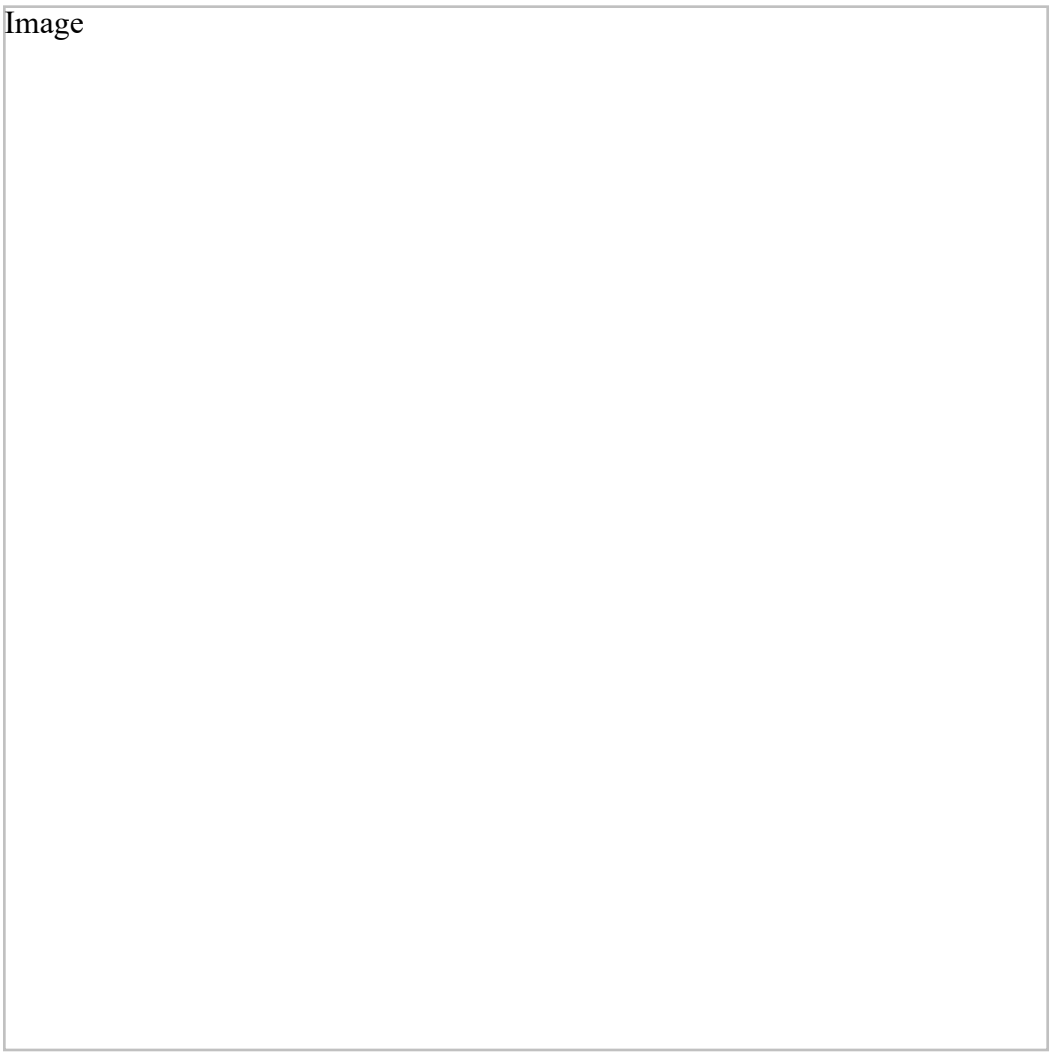
But his vision for the Flamingo, the first resort-style hotel on the Strip, was the beginning of a 50-year relationship between Las Vegas and traditional organized crime that helped define "Sin City"and turn it into one of the world's top tourist destinations.

"The general perception on the part of the public is that Las Vegas and the mob have been inextricably linked, and I don't think it will ever be extricated," former longtime state archivist Guy Rocha says.

Groundbreaking books such as "The Green Felt Jungle" in 1963, which revealed the mob's early grip on the city, and popular movies such as "The Godfather" in 1972 and "Casino" in 1995 enhanced this perception through the years.

So did the buzz on the Strip over the Rat Pack, led by headliner Frank Sinatra and his associations with high-profile underworld figures.

New Bill To Bring Illegal Gambling In California Closer To An End



Gambling in the US, as well as in the whole world, is one of the most entertaining and lucrative endeavors. Not only does it provide fun and joy to the players, but it also offers an opportunity to make a fortune.

The gambling operators all around the world are doing everything they can to attract new customers. From online free spins for Australians to no deposit bonuses and other promotions in other countries, casino operators are full of such impressive offers.

However, the industry isn't just this fairy-tale source of joy and money. It also has its drawbacks. With problem gambling, organized crime, and money laundering prospects, gambling has long been considered threatening to society.

That's the reason why the US government, alongside other governments worldwide, have been eager to put the industry

under the limitations and protect the interests of their citizens. With the regulatory restrictions and measures, the government officials have deemed ill-gotten gains illegal and contributed to ending gambling-related crime.

Best true-crime books of all time

Image

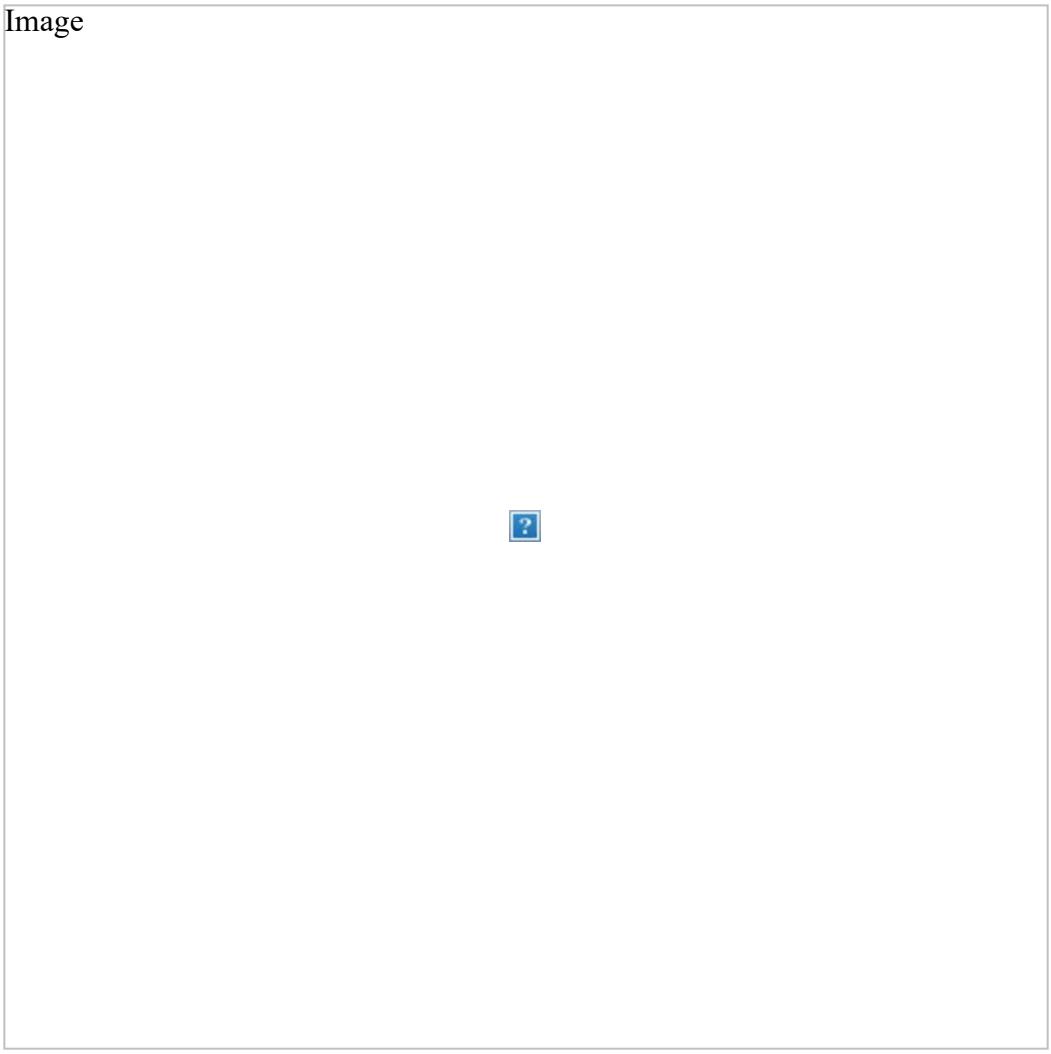


Terrifying tales are not the domain of fiction alone. If you are in search of bone-chilling scares, we recommend you turn to true crime. The key word being true. That's right, no imagination needed. Including stories about such horrific figures as Charles Manson and Ted Bundy, Goodreads compiled a list of the top 10 true-crime books of all time based on the lists, reviews and ratings of their more than 90 million members.

AP

How a Facebook Crime Page Led to Arrest of N.C. Woman in Cold Case Killing of Sister-in-Law

Image



A Facebook page devoted to the murdered, missing or miscreant residents of western North Carolina is being credited with helping authorities bring charges in the 15-year-old cold-case killing of a missing mom of four, allegedly at the hands of her sister-in-law.

The tip that led authorities to a “shallow grave” containing the remains believed to be those of 29-year-old Deborah Elaine Deans “proved to be very accurate and very reliable,” Nash

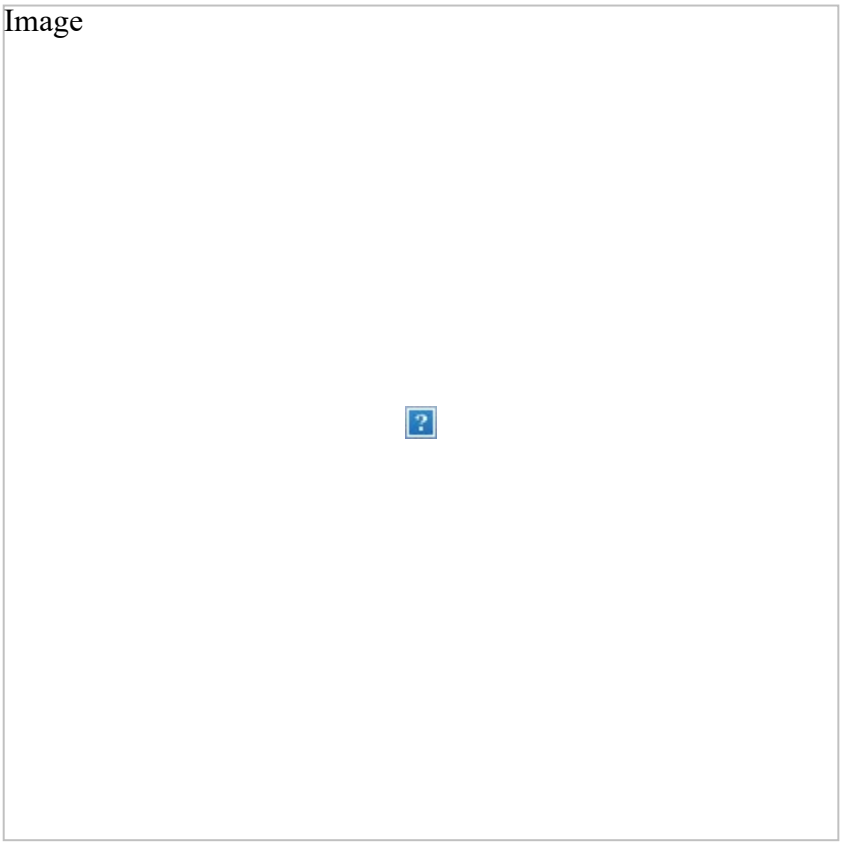
County Sheriff Keith Stone told reporters last week.

But the tipster did not go to police at first.

Instead, the unidentified person sent information about the alleged crime to a woman who created and runs a Facebook page called Fighting Crime News and Who's Wanted, an online outlet whose updates range from wanted posters to promotions of local elections and warnings about traffic tie-ups.

On October 20, a re-post about the unsolved missing-person case of Deans — who was last seen around 9 a.m. on January 19, 2004, at a residence on Wiley Road in Spring Hope — elicited a "very detailed" response that was forwarded to authorities by the Facebook page creator, said Nash.

Google Maps Adds ability to see speed limits and speed traps in 40+ countries



Google Maps is gaining some features previously exclusive to Google's navigation app, Waze. The company confirmed it's rolling out the ability for Google Maps users to see speed limits, speed cameras and mobile speed cameras in more than 40 countries worldwide — an expansion of its earlier launch of these features, which were previously limited to select markets.

The change was noted earlier by ZDNet and, of course, Reddit.

Google confirmed with TechCrunch the full list of supported countries now seeing the speed cameras, which currently includes: Australia, Brazil, U.S., Canada, U.K., India, Mexico, Russia, Japan, Andorra, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, Greece, Hungary, Iceland, Israel, Italy, Jordan, Kuwait, Latvia, Lithuania, Malta, Morocco, Namibia, Netherlands, Norway, Oman, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, South Africa, Spain, Sweden, Tunisia, and Zimbabwe.

The Ethics Board of One of the Largest Vendors of Police Tech (Axon) Makes the Case Against ALPRs

Image

Automated License Plate Readers (ALPRs)—a mass surveillance technology that allows law enforcement to record the location and travel patterns of nearly every driver on the road—are poorly regulated, threaten privacy, and worsen the racial and economic inequalities already ingrained in our justice system.

That's what EFF and other advocates have been saying for years. But now it's coming from an oversight body formed by one of the nation's largest police tech vendors.

Last week, the AI and Policing Technology Ethics Board at Axon, a tech company best known for popularizing body-worn cameras and the Taser, released a damning report concerning the commercial sale of ALPRs. The board, whose purpose is to "help guide and advise the company on ethical issues," concluded that while it sees the potential value of ALPRs, their current role in society is too broad and problematic. The sheer

amount of information that ALPRs gather and store was also a concern for the ethics board—particularly when privately collected data is often for sale to whoever wants to buy it.

ALPR systems include cameras that can be mounted on vehicles like police patrol cars or private tow trucks, or on stationary locations such as streetlights or overpasses. These cameras capture every license plate that passes and index them based on time, date, and location. A police officer can search ALPR databases to learn where a vehicle was in the past or even get real-time alerts when a driver passes by an ALPR camera. Research by EFF, MuckRock, and others have found that even small police departments are able to collect millions of plate scans a year, and often agencies are sharing this data with hundreds of other agencies across the country. Private companies also use ALPR and sell their data to police, financial lenders, insurance companies, private investigators, and debt collectors.

Amazon's Ring is 'the Neighborhood Watch of 2020,' police say as doorbell cams proliferate

Image

That’s all it took Livonia Police to arrest a man, who hours earlier was caught on video posted on Ring’s Neighbors app rummaging through the bed of a pickup parked in a driveway.

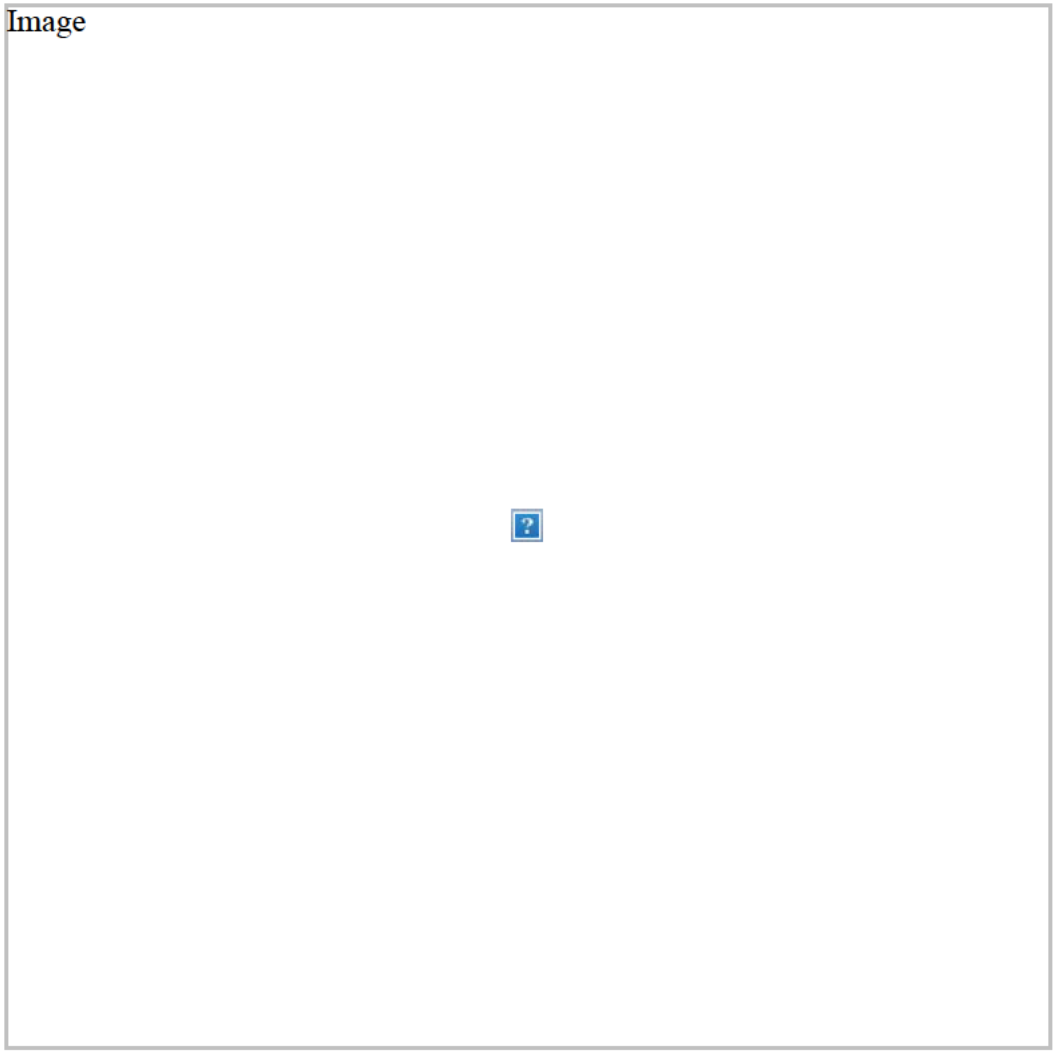
Detectives quickly recognized 60-year-old Jeffrey Couch when they saw the video posted by an app user in mid-August. Within a week, he pleaded no contest in court to two attempted larceny charges and was sentenced to 30 days in jail.

“I truly believe this is the Neighborhood Watch of 2020,” said Livonia Police Capt. Ronald Taig, whose force was one of the first law enforcement agencies in Michigan — and is one of more than 400 across the country — to partner with the Ring Neighbors app, owned by Amazon.

How the deadly drug fentanyl

is making its way to the US

Image



Trump administration officials are divided over part of a proposal to crack down on illicit versions of fentanyl, the deadly synthetic painkiller that President Donald Trump targeted in declaring a national opioid abuse emergency.

In an inter-agency dispute that highlights the challenges of curbing opioid abuse, the US Drug Enforcement Administration (DEA) is publicly backing tighter rules for fentanyl analogs, which are slightly altered copycat versions of the powerful drug fueling an explosion in overdoses.

In this case, the bill would cut the Food and Drug Administration out of the time-consuming review process by letting the DEA permanently classify illicit fentanyl analogs as Schedule I drugs, like heroin, which are deemed to be addictive with no medical use.

The DEA says these legal changes would help prosecutors keep pace with criminals who constantly churn out chemically tweaked fentanyl analogs to evade strict Schedule I regulations.

Of 70,200 US drug overdose deaths in 2017, according to the CDC, about 41% involved synthetic opioids, such as fentanyl and illicit analogs of it. Most of them are made in China.

Fentanyl, some versions of which are approved to treat cancer pain, is 100 times more potent than morphine.

Trump Orders Study of Root Causes of Crime, Policing Practices

Image

President Trump on Monday ordered Attorney General William Barr to establish a new commission to study crime and law enforcement with the goal of recommending “actions that can be taken to prevent, reduce, and control crime, increase respect for the law, and assist victims.”

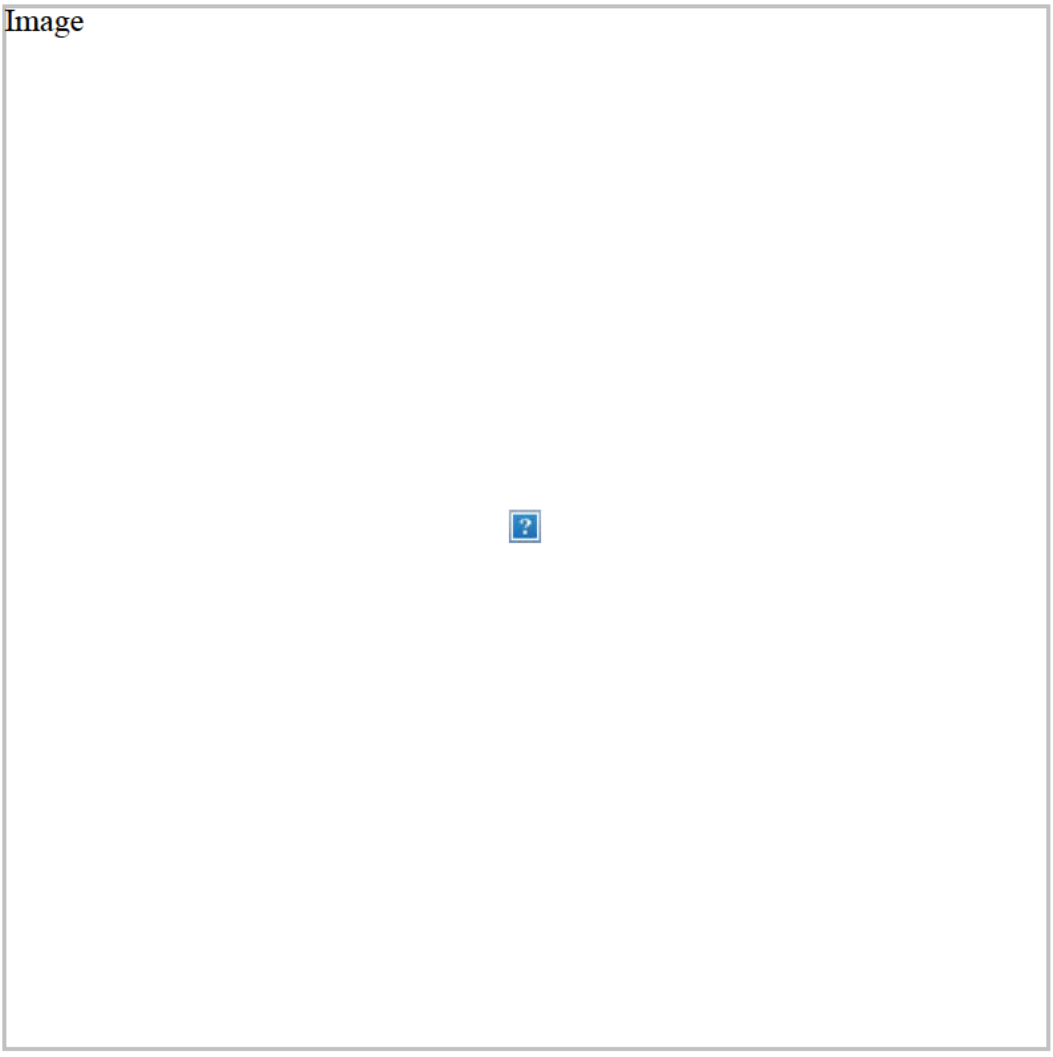
Following remarks in Chicago at the annual International Association of Chiefs of Police conference, the president signed an executive order establishing the Commission on Law Enforcement and the Administration of Justice. The commission will study the influence of substance abuse, homelessness and mental illness on crime as well as examine best practices to recruit, train and support law enforcement, among other things.

“Rigorous study of crime, including its causal factors, and current law enforcement practices is essential to assessing our current criminal justice system's merits and opportunities for

improvement," the executive order stated. "Public safety and proper policing are issues of both national and local significance that continue to require the close cooperation and coordination between the Department of Justice and state, local, and tribal law enforcement."

Quality Afterschool Programs Proven to Reduce Crime

Image



As a member of your District Attorney's Office for almost 30 years, and your DA for nearly 10, I've learned that the hours after school lets out are the prime time for juvenile crime.

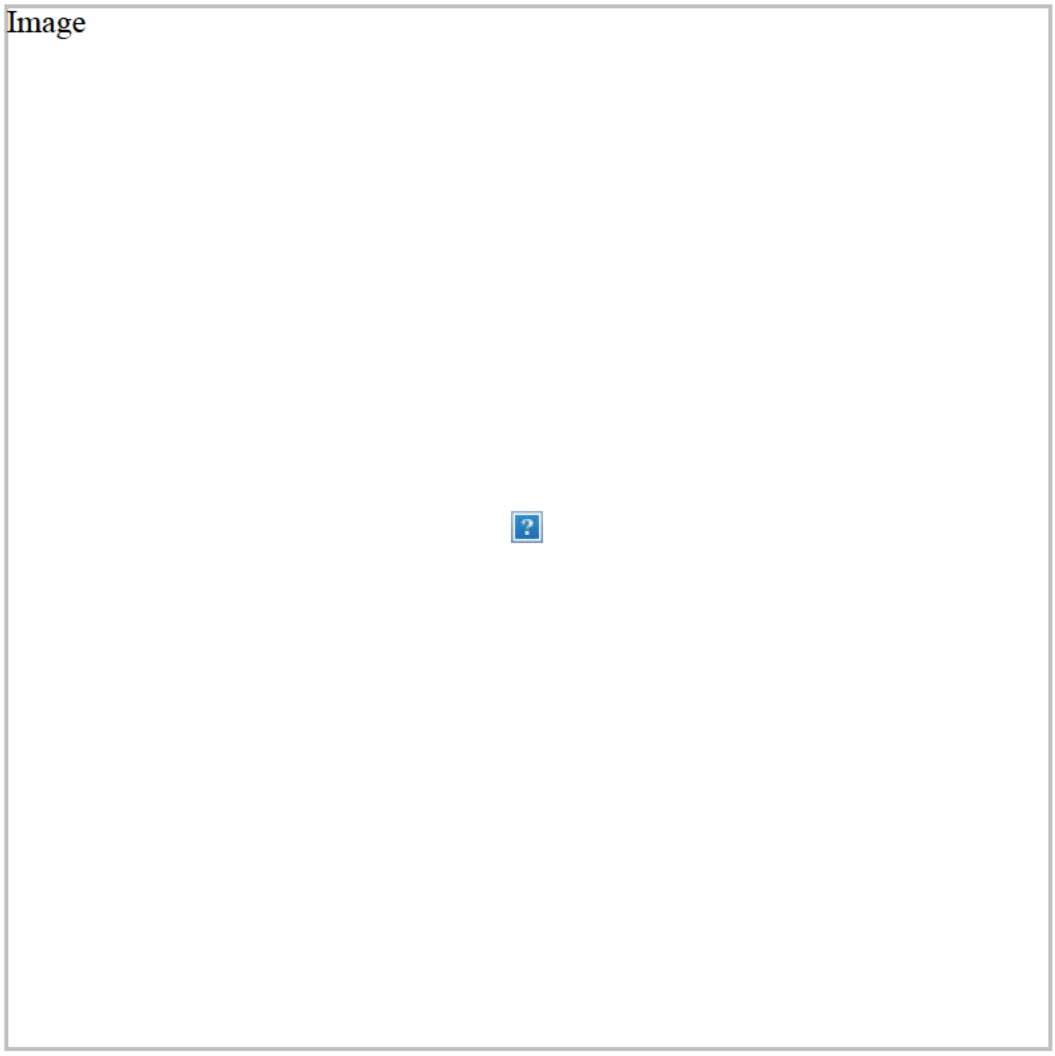
It is between these hours of 2 to 6 p.m. that youth are more likely to be arrested for assault, theft and drug-related crimes.

Quality afterschool programs have been proven to reduce these crimes in our community, keep students engaged, and improve academic performance and student behavior.

A new report from Fight Crime: Invest in Kids shows that when youth have access to high-quality, affordable afterschool programming, they benefit immensely from homework help and outdoor activities, and they're less likely to commit or become victims of crime.

Australia's government is floating an idea to scan internet users' faces before they can watch porn online

Image



Australia's Department of Home Affairs has touted an idea to use facial recognition software in order to verify internet users

ages before they can access pornography or gambling websites.

In its parliamentary submission, the department says that its Document Verification Service and Face Verification Service — though broadly intended to be used as systems for fighting crime and identity theft — could also be used by police for age verification controls.

"This could assist in age verification, for example by preventing a minor from using their parent's driver licence to circumvent age verification controls," the submission states.

"Whilst they are primarily designed to prevent identity crime, Home Affairs would support the increased use of the Document and Face Verification Services across the Australian economy to strengthen age verification processes."

Police turn to hackers in Australia's first crowdsourced attempt to find missing people

Image

For decades the traditional 'missing person' poster has been used to enlist the community's help to find individuals who may be in danger.

But with more than 2,600 Australians now listed as a "long-term" disappearance, the federal police are trying what they hope will be a more successful tactic: turning the search into a game.

More than 350 internet sleuths and "ethical hackers" — hobbyists and professionals — gathered at 10 locations around the country on Friday in a national missing-persons "hackathon".

The aim was to generate leads for 12 of Australia's most frustrating cold cases, using sophisticated but legal methods of trawling the internet.

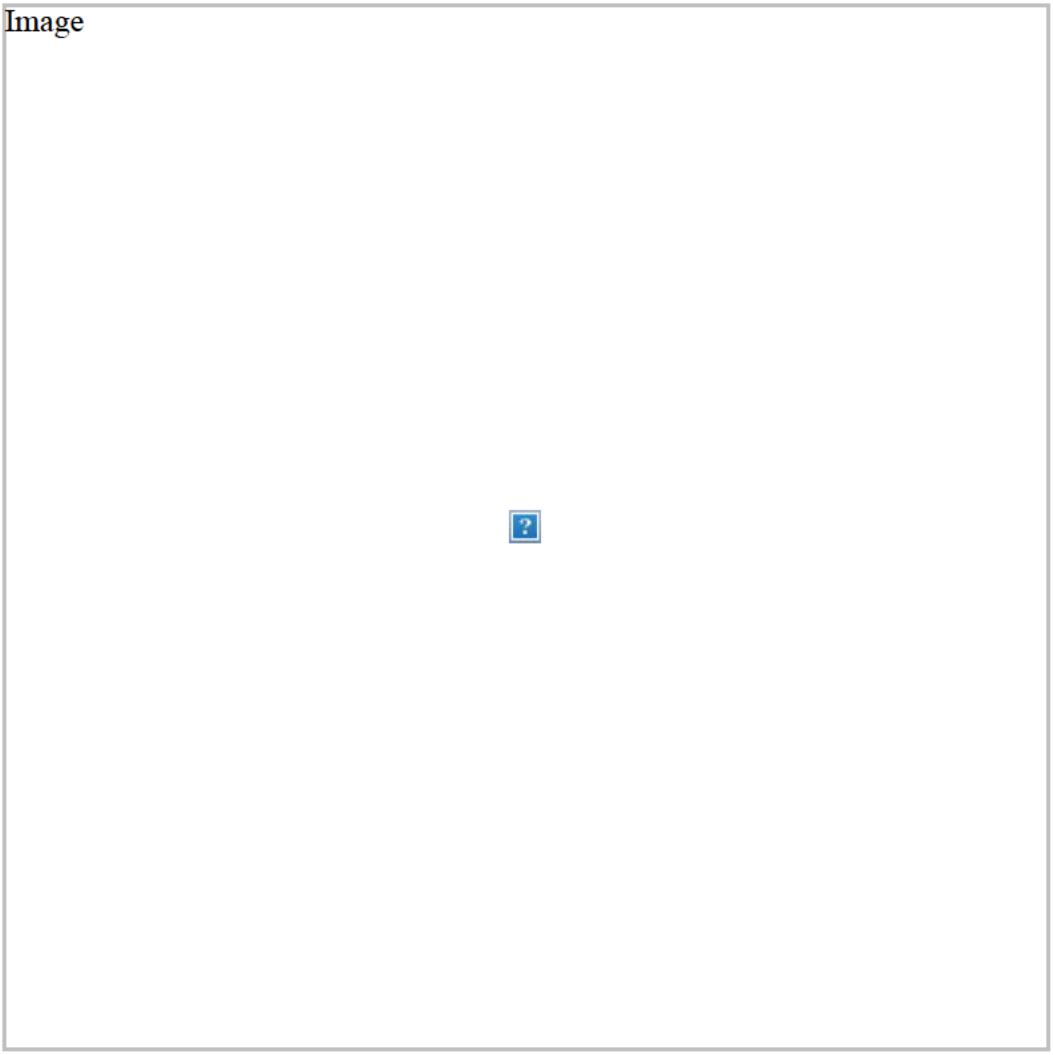
And organisers said the results were astounding: 100 leads

were generated every 10 minutes the competing teams worked.

Police overseas have used crowdsourcing in the past for help with isolated cases, aided by these largely voluntary "open-source intelligence" (OSINT) enthusiasts.

But Linda Cavanagh, of the Canberra Cyber Security Innovation Node, said the Australian event was the first of its kind to be deployed on a national scale.

10 of the Best Tools to Find Relevant Influencers on Social Media



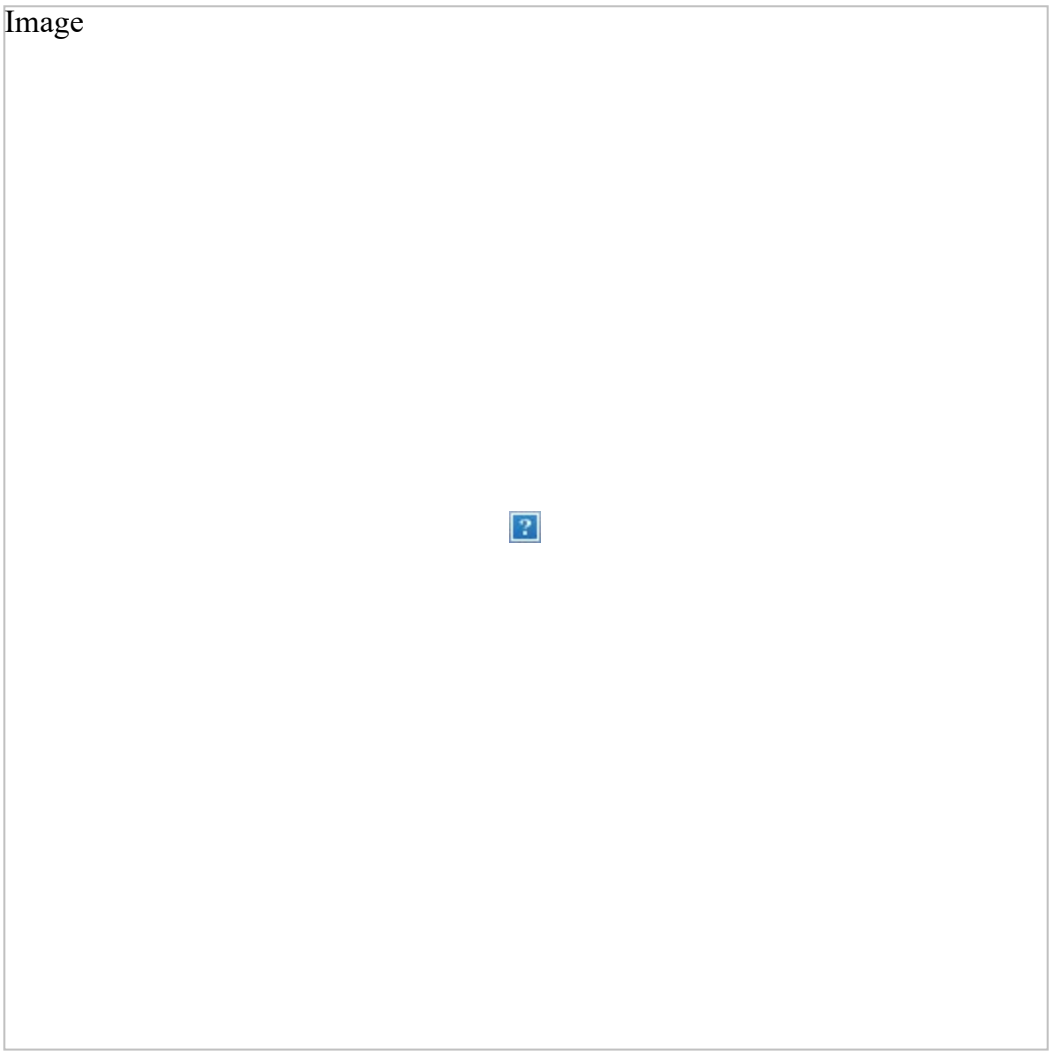
While it's become a much bigger consideration in recent years, influencer marketing, as a practice, has actually existed for a very long time. In the past, however, influencers were only on

TV or in magazines, and unlike social media, TV and newspapers are limited, which led to a situation where a select number of celebrities were able to charge tons of money for making an ad for Pepsi or Swatch in order to influence consumer behavior.

With the birth of social platforms, everything changed. The Internet has no limits, there can be as many influencers as the world requires. They can be of any age and social status, and in any area of expertise (or no area of expertise). And they can work with any brand.

How Your Volunteering Trip Could Contribute To Human Trafficking

Image



The advent of cheap air travel and Instragammable holiday

photos, combined with a longing for meaning, has created a new breed of traveler: the voluntourist. This ever-growing trend describes people, most often young and affluent Westerners, who travel to the global South to help with community projects.

While no doubt sweetly intentioned, there is considerable concern over the fad of “voluntourism” and whether it does more harm than good for the communities in developing countries – especially when it involves children or work at an orphanage. On the surface of the problem, it’s questionable whether treating the developing world as a playground is an effective model to address systemic poverty and care for vulnerable children.

An anthropological study published in the Journal of Sustainable Tourism has shown how volunteer programs can actually contribute towards a superficial understanding of poverty that distracts from the larger systems that produce inequality and poverty. Through a series of in-depth interviews with young people from the US who volunteered in Malawi, they found their volunteer work was often carried out through a colonial and “mythologized” image of a helpless Africa needing the benevolence of the West. The volunteers also viewed African poverty in terms of the “American Dream” and the idea of pulling oneself out of poverty through hard work, as opposed to deep-rooted economic, social, and historical factors at play.

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Subject: A Publication of the LEIU Executive Board - The Source
Date: Wednesday, October 30, 2019 8:31:49 AM

Image

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Each Wednesday, we share with you a few of the articles or intelligence-based publications that have come across our desk. We are exicted to see, each week, Law Enforcement Officers, Analysts and Administrators from around the world reading this.

If you have a publication or an article that you feel needs to be shared, please send these to IntelligenceAnalysis@mac.com for review.

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Wednesday 10/30/19

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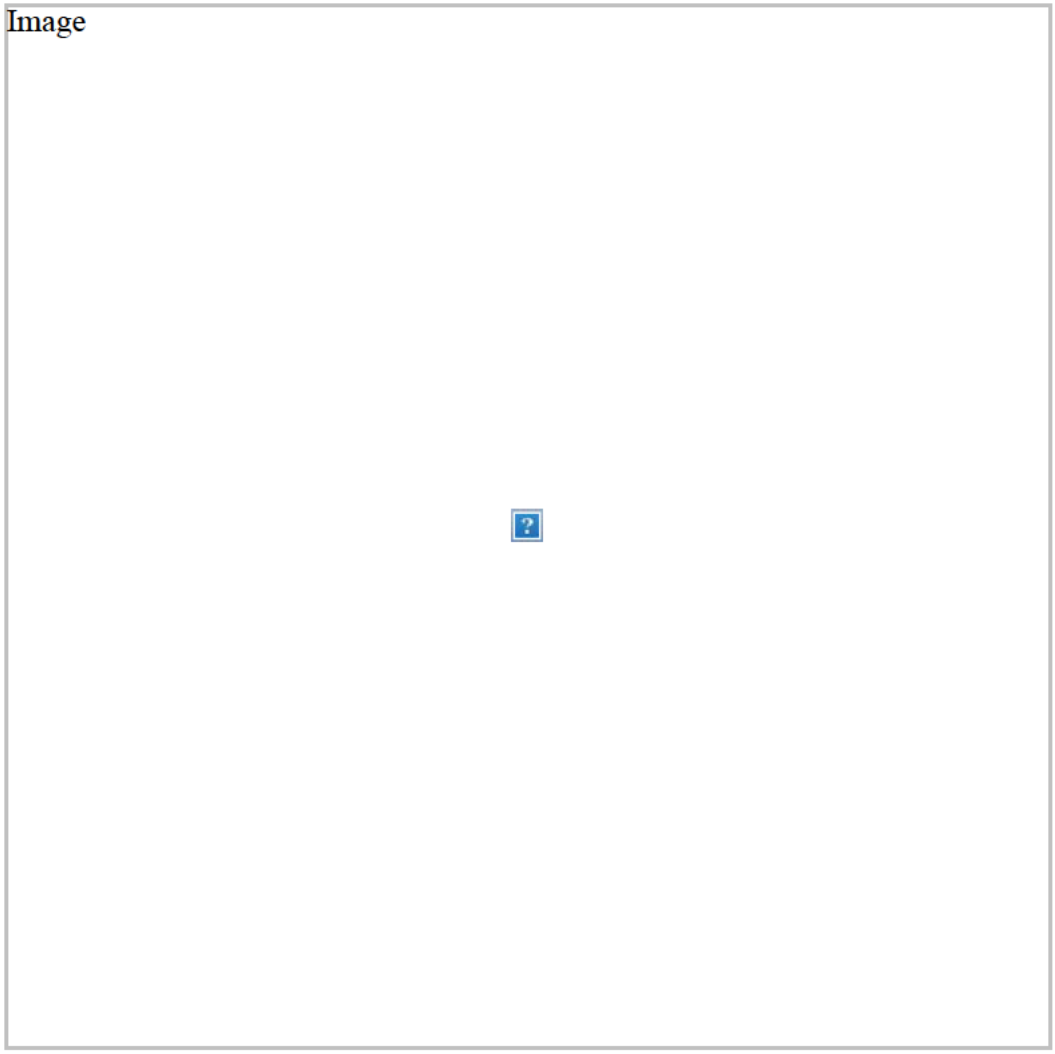
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BAE wins open source intelligence

contract from the Army



The Army has awarded BAE Systems a $437 million task order for open source intelligence support, the company announced Oct. 15 during the 2019 Association of the United States Army conference.

As part of the task order, BAE Systems will provide the Army and Army Intelligence & Security Command (INSCOM) approved partners with open source solutions to publicly available data.

“We’re proud to continue to partner with the U.S. Army and support their critical national security missions with this new capability,” Peder Jungck, vice president and general manager of BAE Systems’ intelligence solutions business.

The company won the initial award of the five-year task order

and began ramping up in August, Jungck said. The task order is an extension of projects the company has been doing for the Army, but this is the first time the work been consolidated and awarded as a larger contract, he explained.

“If you look at contracts in general around OSINT there’s been kind of small ones, there’s been lots of pilots out of agencies and even within the Army and throughout INSCOM there were different kind of brigades and battalions that had their own set of tools," he said. "This is one of the first of the really large OSINT and AI consolidation contracts. I don’t think anybody’s really had a large one like this.”

Calif. police stand by cop after video released in 2017 OIS of murder suspect

Image



FRESNO, Calif. — Community activists are expressing outrage

after seeing video footage that shows a Fresno police sergeant fatally shooting an unarmed 16-year-old boy as he fled during a foot pursuit.

Meanwhile, the local police union and supporters of law enforcement have stepped up in support of the sergeant, saying he acted within guidelines while pursuing a murder suspect.

The footage shows Sgt. Ray Villalvazo firing a single shot into the back of Isiah Murrietta-Golding's head, according to a lawsuit filed on behalf of the teen's family.

The video was captured on a surveillance camera at a daycare facility on April 14, 2017, and was released by attorney Stuart Chandler, who's representing the family of Murrietta-Golding. The boy's family alleges the sergeant used excessive and unlawful deadly force, and committed assault and battery with negligence.

Additionally, in footage released from a police officer's body camera, one officer is heard shouting "good shot" as officers handcuff and search the already prone Murrietta-Golding.

Asia has an organized-crime problem. Canada is well placed to help

Image

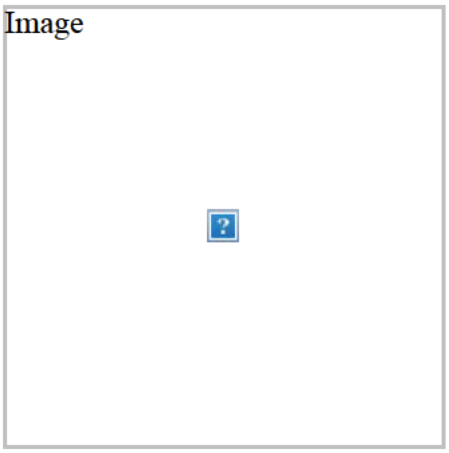
Jeremy Douglas is the regional representative for the United Nations Office on Drugs and Crime (UNODC) for Southeast Asia and the Pacific and a former UNODC representative for Pakistan. The opinions expressed in this commentary are his.

More than a few eyebrows went up last week when Tse Chi Lop – a 55-year-old Canadian man – was accused of being arguably the biggest drug trafficker in the history of Asia.

Mr. Tse is suspected – by police in Myanmar, Australia and Taiwan, and by the United Nations Office on Drugs and Crime (UNODC) – of being the leader of Sam Gor, or Brother Number Three, a supersyndicate largely responsible for the dramatic shift in recent years in organized crime away from drugs such as heroin and toward synthetics, such as methamphetamine, ketamine and fentanyl. It's a shift that has been driven by control and profit, since synthetics offer many advantages to criminal organizations: Labs can be quickly set up or moved;

they are not subject to external conditions such as climate, nor do they require large work forces; and production can be rapidly scaled up to drive the market. Put these things together and it means the disruption of the traditional drug business and the heavily concentrated profits that come with it.

Florida Senator Rick Scott Announces Legislation To Address 'FBI Failures' Regarding Parkland Shooting



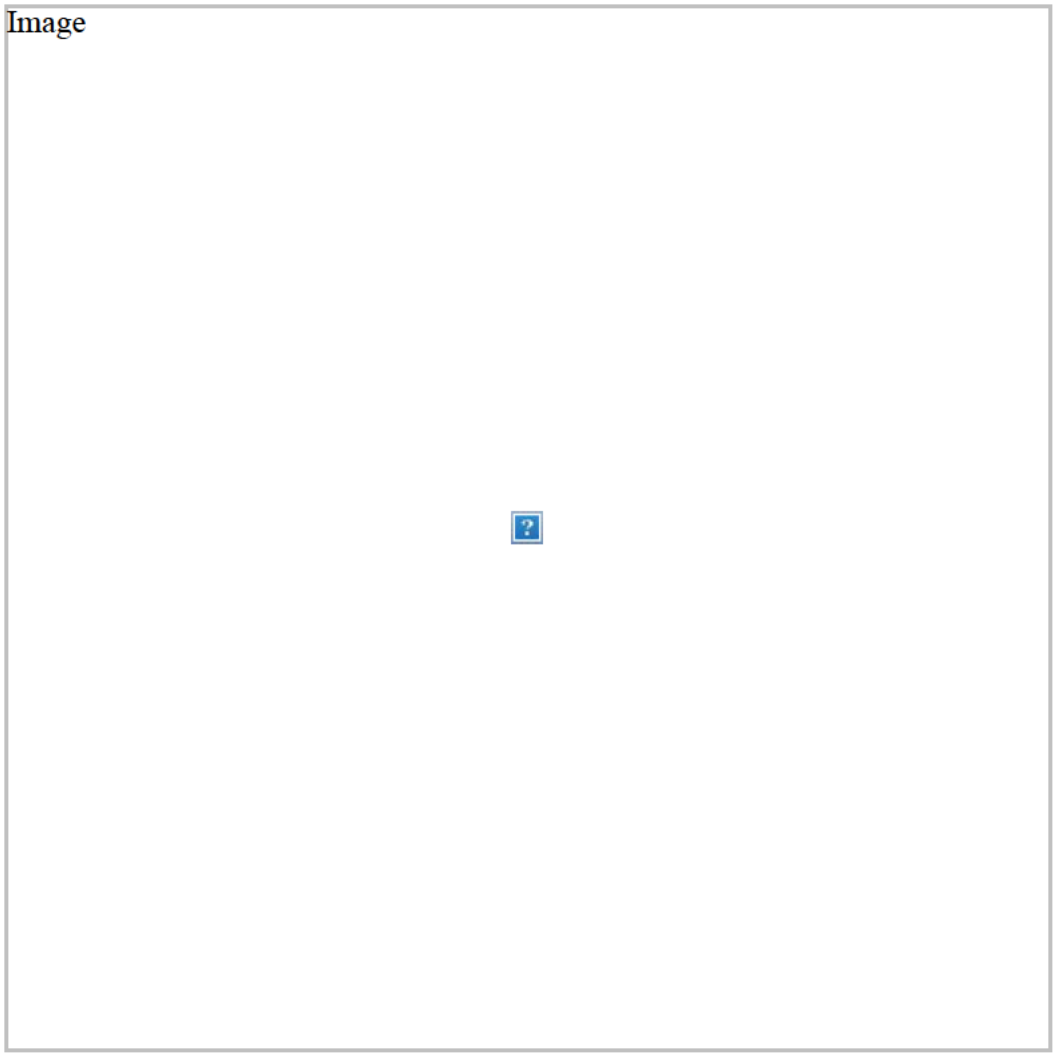
MIAMI (CBSMiami) – Florida Senator Rick Scott announced legislation Thursday to hold the Federal Bureau of Investigations accountable for its 'failures to address critical deficiencies in its handling of actionable intelligence' in regards to the mass shooting at Marjory Stoneman Douglas High School in 2018.

The 'Threat Information Protocol for Sharing (TIPS) Act' is supported by Stand with Parkland, an organization founded by the family members of the victims of the Parkland shooting.

"Not a day goes by that I don't think about the 17 souls that were taken from us in a brutal act of violence at Marjory Stoneman Douglas High School. Following the tragedy, we all worked together to pass the Marjory Stoneman Douglas High School Public Safety Act to make our schools safer and prevent future tragedies, but we aren't finished. We cannot accept the repeated failures of the FBI to properly investigate and act on specific tips received about the Parkland shooter, as well as other perpetrators of mass violence in Florida. I'm

proud to stand with the family members of the victims to announce the TIPS Act, which bridges the gap between federal and state law enforcement agencies by mandating information sharing of all state-specific criminal intelligence tips. This is about getting information on threats into the hands of the right people, who can ultimately prevent violence and protect our families," Scott said.

Majority of Mexicans Say Organized Crime Stronger than Government after El Chapo's Son Released



A majority of Mexicans see organized crime as more powerful than the Mexican government after government forces capitulated to drug-cartel strongmen and released the son of

the former cartel leader Joaquín Guzmán, known as “El Chapo.”

About 56 percent of Mexicans say they believe organized crime is stronger, while only 33 percent say the government is stronger, according to a poll by the Mexican newspaper Reforma.

Mexican authorities were forced on Thursday to release Ovidio Guzmán López, El Chapo’s son, shortly after capturing him, when the Sinaloa cartel laid siege to the city of Culiacán and surrounded Mexican troops, taking eight soldiers hostage. Officials said at least 14 people died during the clashes between cartel members and Mexican soldiers.

49 percent of respondents in the Reforma poll disagreed with the decision to release López, while 45 percent said they supported it. Residents of Culiacán expressed relief that the government had surrendered, saying the decision prevented further violence.

Mexican lawmen get FBI training to combat organized crime, terrorism

Image

JUAREZ, Mexico — Three Chihuahua state lawmen recently completed intelligence and intervention training courses sponsored by the FBI, according to the State Security Commission.

Alvaro Serrano Escobedo, the commission's operations director, received training on anti-terrorism, intelligence gathering, leadership and the combat of organized crime at FBI headquarters in Quantico, Virginia. The training is part of the FBI's Mexican Law Enforcement Executive Development (MEXLEED) program, the commission said in a news release.

Ginés Jaime Ruiz García, first officer of the Chihuahua State Police, and Jesús Alejandro Cruz Rangel, who heads rural operations for the agency, attended the FBI's Mexican American Liaison and Law Enforcement Training (MALLET) program in South Padre Island, Texas, the commission said.

The three lawmen were among 30 duly vetted Mexican officials chosen by the FBI for training this year, the commission said.

63 accused drug dealers plead guilty in heroin, fentanyl and cocaine trafficking rings

Image

SYRACUSE — New York State Attorney General Letitia James has announced the guilty pleas of 63 people for their roles in two major narcotics trafficking operations that transported heroin, fentanyl, and cocaine to Onondaga, St. Lawrence, Oswego, Oneida, and Jefferson counties.

The investigation resulted in the recovery of approximately 4,700 bags of heroin and fentanyl, worth approximately $140,000, and approximately 2 kilograms of cocaine, worth more than $200,000, according to a news release from the Attorney General's office.

“These individuals flooded our communities with dangerous drugs that are putting New Yorkers at great risk,” said Attorney General Letitia James in the news release.

House bill would give border agents tool to detect synthetic opioids

Image

A bill that would give U.S. Customs and Border Protection (CBP) agents the equipment to detect synthetic opioids has been introduced in the U.S. House.

The DHS Opioid Detection Resilience Act of 2019 requires the Commissioner of CBP to procure chemical screening devices that allow border patrol agents to identify narcotics, including synthetic opioids, with purity levels of less than 10 percent. A

2018 study by the Drug Enforcement Administration (DEA) found that most fentanyl seized at the southwest border tends to be less than 10 percent pure. These changes would fill the gap that currently exists in identifying these synthetic opioids.

“Stopping the flow of illegal drugs across our southern border and at ports of entry is a top priority for our CBP law enforcement officers. This includes fentanyl and other synthetic opioids that can be difficult to detect. Our legislation ensures that DHS has the necessary equipment to detect synthetic opioids and the ability to adapt as smuggling methods evolve. We want to prevent this poison from ever reaching American communities, and our bill helps law enforcement carry out that mission,” Rep. Clay Higgins (R-LA), the bill’s sponsor, said.

Teens brawl with police in Brooklyn subway station

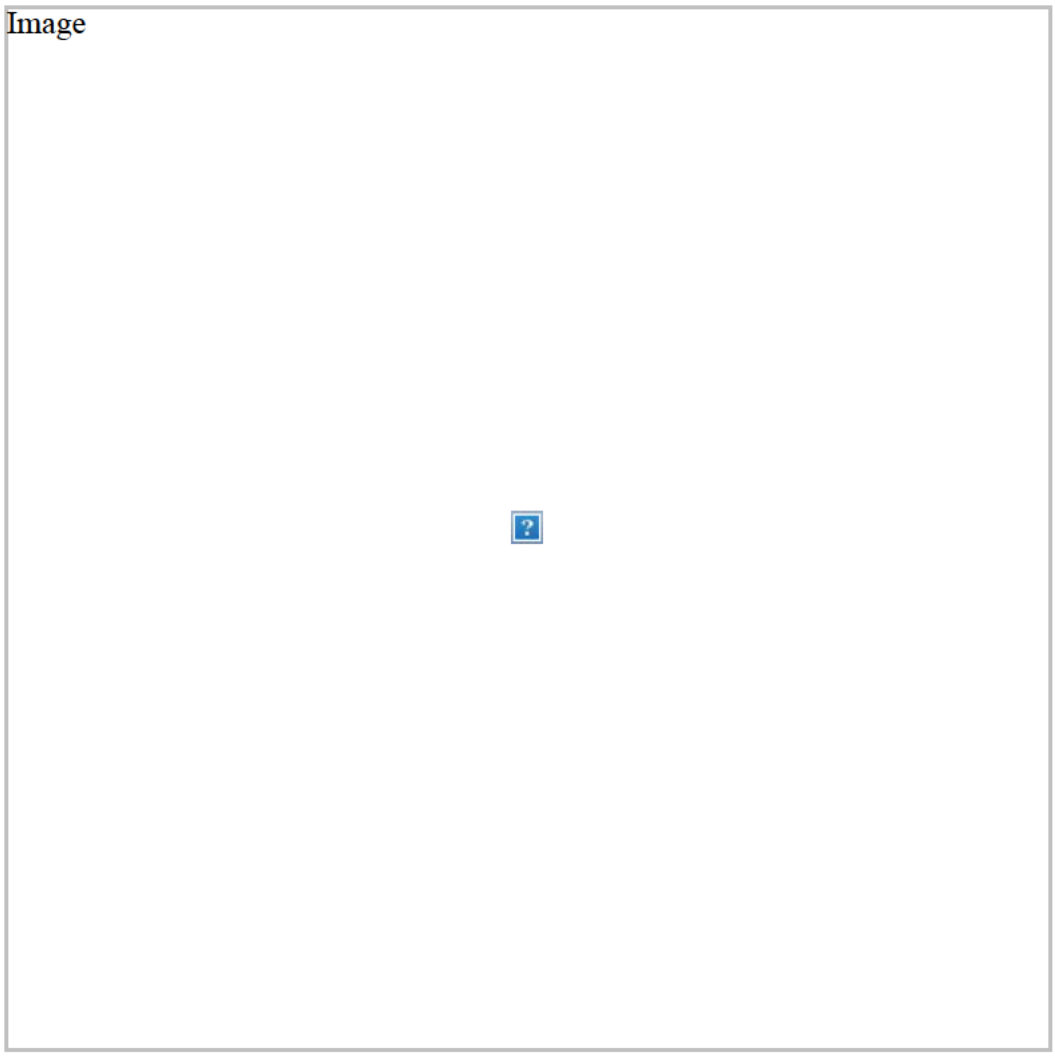
Image

BROOKLYN, N.Y. – A video showing members of the NYPD trying to break up a fight and instead ending up in an all-out brawl with a mob of New Yorkers has gone viral… and media outlets were quick to condemn the cops who were involved.

The Post said that the incident unfolded on Saturday morning around 2:30 a.m. as officers responded to the scene of a fight on the platform of a subway station. The fights had originally began up on Jay Street between two groups of people before the violence spilled down into the station.

Cell phone video captured at the scene shows officers rush into the area and try to pull the brawling teens apart, attempting to put one of the suspects in handcuffs. Other individuals on the outside of the skirmish appear to be pulling the officers away.

The heartbreaking final text this human trafficking victim sent before dying in UK truck



A 26-year-old Vietnamese woman texted her mom frantically that she was suffocating in the truck in which the bodies of 39 people were found in England — and apologized that her journey to a better life ended tragically, according to a report.

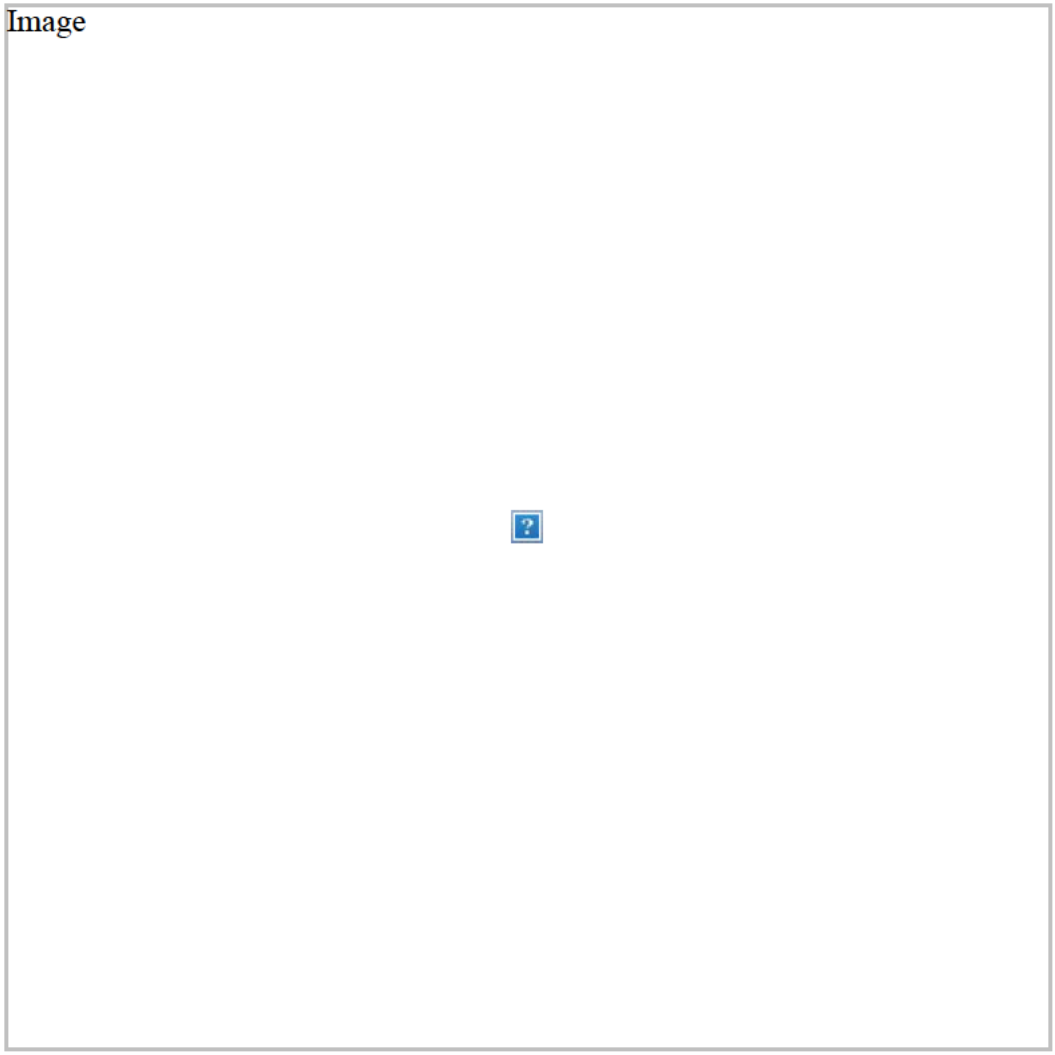
“I’m sorry Mom, my path to abroad didn’t succeed,” Pham Thi Tra My wrote in a series of messages about 10:30 p.m. Tuesday, according to the Mirror.

“Mom, I love you and Dad so much! I’m dying because I can’t breathe,” she added.

News about the young woman’s final moments emerged as two more people were arrested after eight women and 31 men were found dead Wednesday in a case that has shocked

Britain and made headlines around the world.

Labor Trafficking Is A Crime You Probably Don't Notice



It has been more than four years since Catherine Piedad called 911 from a $1.7 million home in Newton.

In 2015, she worked long hours to care for a Russian family's young twins. Her passport was taken, and she slept in a small room with little light and nowhere to store her clothes. When she asked to be paid, her employer threatened to send her back to the Philippines. She feared deportation and did not know who to trust.

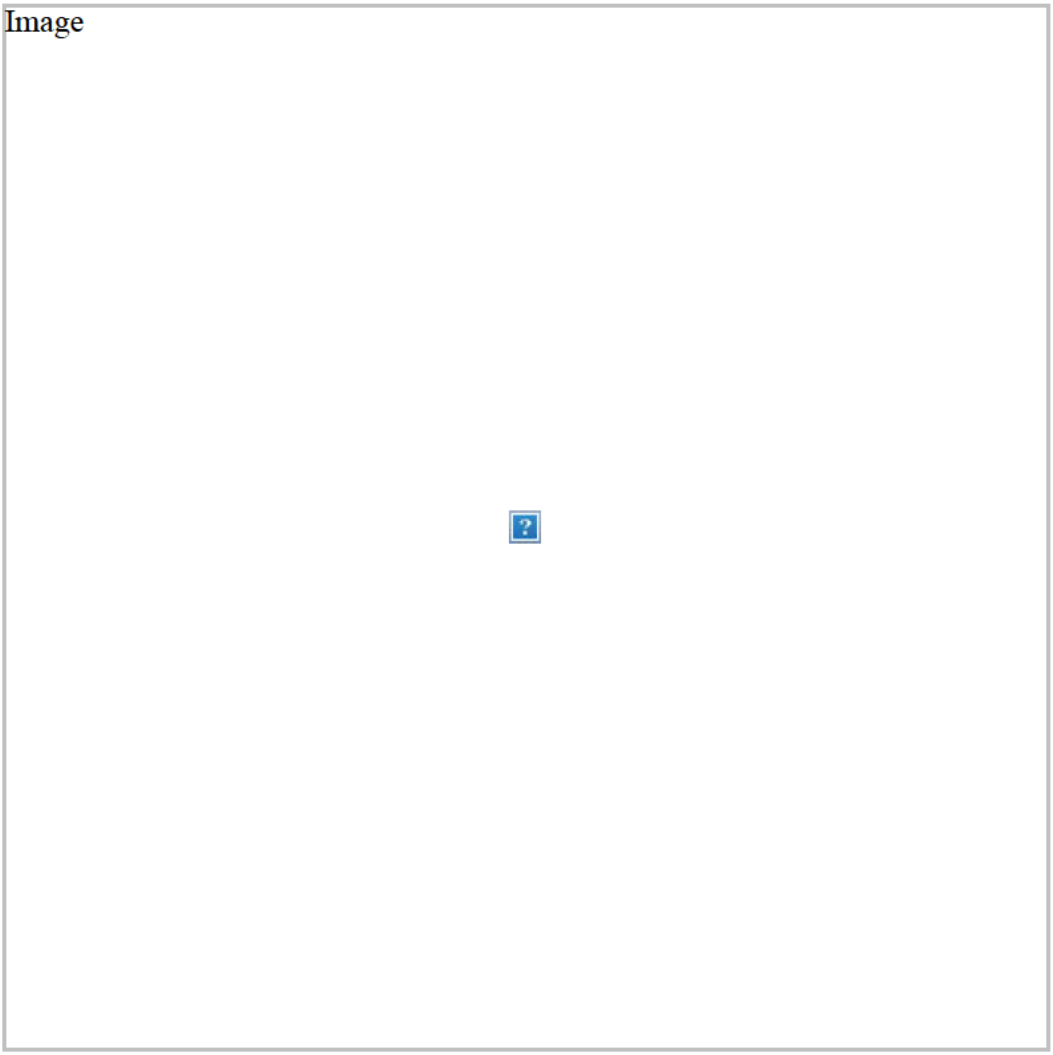
Despite her fear, she called 911. Law enforcement helped her

to leave the family's home but did little else. They did not see her case as "labor trafficking." Instead, the incident was labeled a "labor dispute." Piedad struggled to access her rights — despite the robust federal and state laws designed to protect her.

You've probably heard of sex trafficking, which often involves perpetrators who force, trick or coerce victims into sexual servitude. Although difficult to see, sex trafficking is often visible to law enforcement through the internet: perpetrators sometimes leave a footprint online, which can provide a critical entry point for criminal investigations.

The Mafia's history in Las Vegas: From Bugsy Siegel to Anthony Spilotro

Image



Benjamin "Bugsy" Siegel had been at the helm of the Flamingo

for only six months in June 1947 when he was killed in a hail of gunfire at his girlfriend's Beverly Hills, Calif., home.

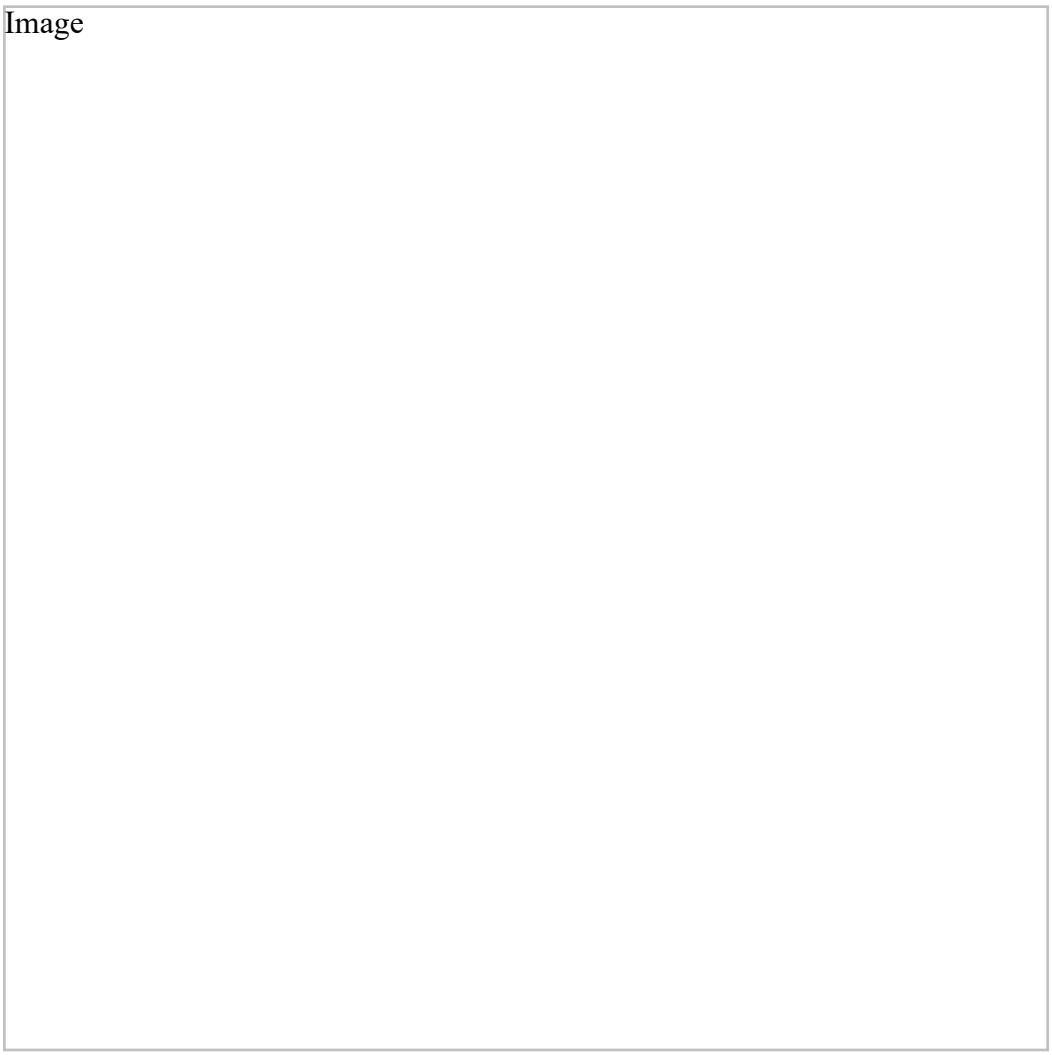
But his vision for the Flamingo, the first resort-style hotel on the Strip, was the beginning of a 50-year relationship between Las Vegas and traditional organized crime that helped define "Sin City"and turn it into one of the world's top tourist destinations.

"The general perception on the part of the public is that Las Vegas and the mob have been inextricably linked, and I don't think it will ever be extricated," former longtime state archivist Guy Rocha says.

Groundbreaking books such as "The Green Felt Jungle" in 1963, which revealed the mob's early grip on the city, and popular movies such as "The Godfather" in 1972 and "Casino" in 1995 enhanced this perception through the years.

So did the buzz on the Strip over the Rat Pack, led by headliner Frank Sinatra and his associations with high-profile underworld figures.

New Bill To Bring Illegal Gambling In California Closer To An End



Gambling in the US, as well as in the whole world, is one of the most entertaining and lucrative endeavors. Not only does it provide fun and joy to the players, but it also offers an opportunity to make a fortune.

The gambling operators all around the world are doing everything they can to attract new customers. From online free spins for Australians to no deposit bonuses and other promotions in other countries, casino operators are full of such impressive offers.

However, the industry isn't just this fairy-tale source of joy and money. It also has its drawbacks. With problem gambling, organized crime, and money laundering prospects, gambling has long been considered threatening to society.

That's the reason why the US government, alongside other governments worldwide, have been eager to put the industry

under the limitations and protect the interests of their citizens. With the regulatory restrictions and measures, the government officials have deemed ill-gotten gains illegal and contributed to ending gambling-related crime.

Best true-crime books of all time

Image

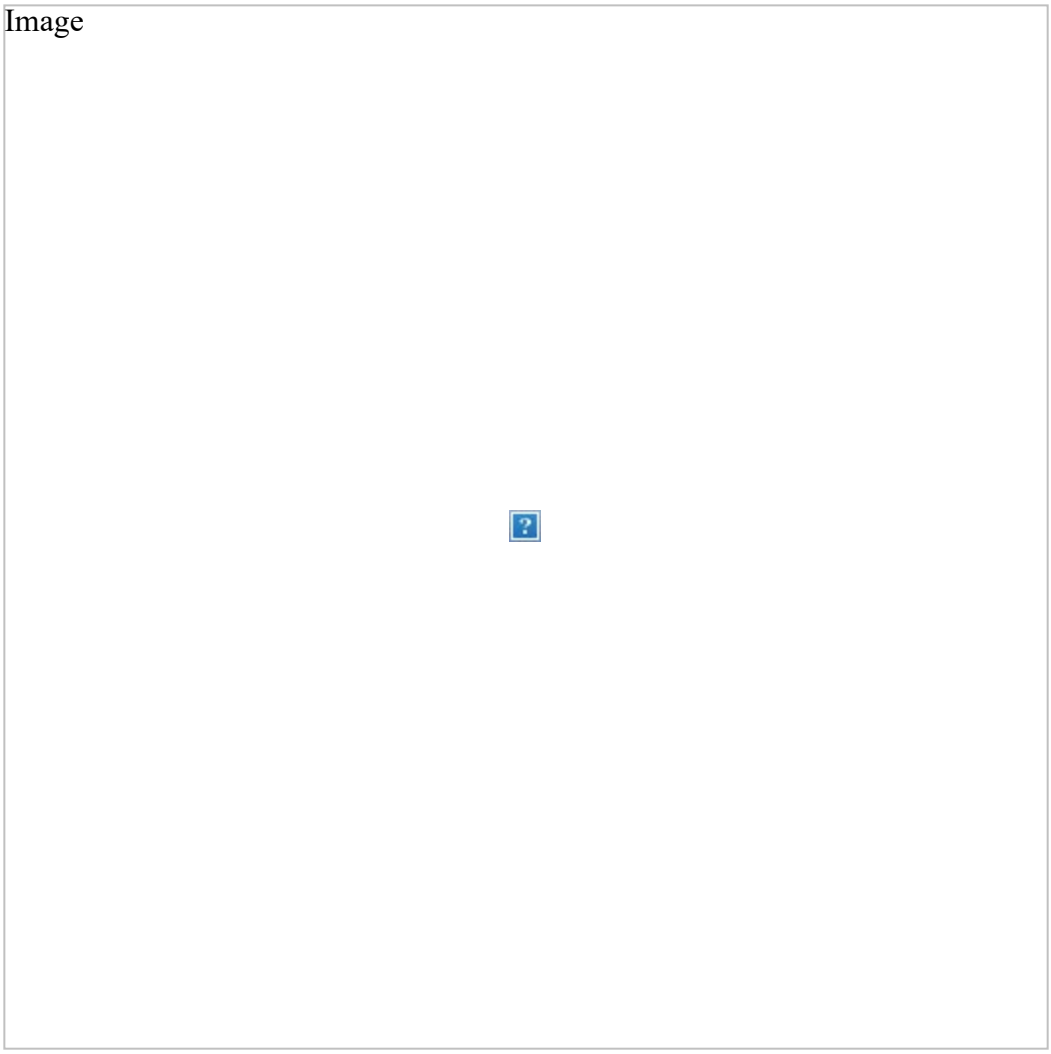


Terrifying tales are not the domain of fiction alone. If you are in search of bone-chilling scares, we recommend you turn to true crime. The key word being true. That's right, no imagination needed. Including stories about such horrific figures as Charles Manson and Ted Bundy, Goodreads compiled a list of the top 10 true-crime books of all time based on the lists, reviews and ratings of their more than 90 million members.

AP

How a Facebook Crime Page Led to Arrest of N.C. Woman in Cold Case Killing of Sister-in-Law

Image



A Facebook page devoted to the murdered, missing or miscreant residents of western North Carolina is being credited with helping authorities bring charges in the 15-year-old cold-case killing of a missing mom of four, allegedly at the hands of her sister-in-law.

The tip that led authorities to a “shallow grave” containing the remains believed to be those of 29-year-old Deborah Elaine Deans “proved to be very accurate and very reliable,” Nash

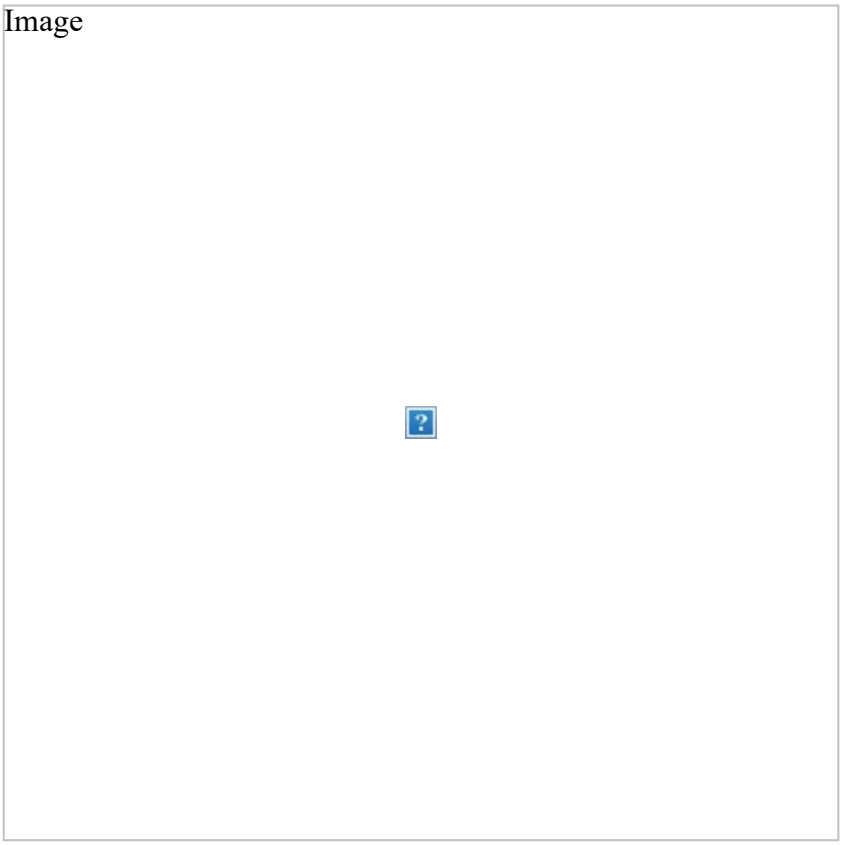
County Sheriff Keith Stone told reporters last week.

But the tipster did not go to police at first.

Instead, the unidentified person sent information about the alleged crime to a woman who created and runs a Facebook page called Fighting Crime News and Who's Wanted, an online outlet whose updates range from wanted posters to promotions of local elections and warnings about traffic tie-ups.

On October 20, a re-post about the unsolved missing-person case of Deans — who was last seen around 9 a.m. on January 19, 2004, at a residence on Wiley Road in Spring Hope — elicited a "very detailed" response that was forwarded to authorities by the Facebook page creator, said Nash.

Google Maps Adds ability to see speed limits and speed traps in 40+ countries

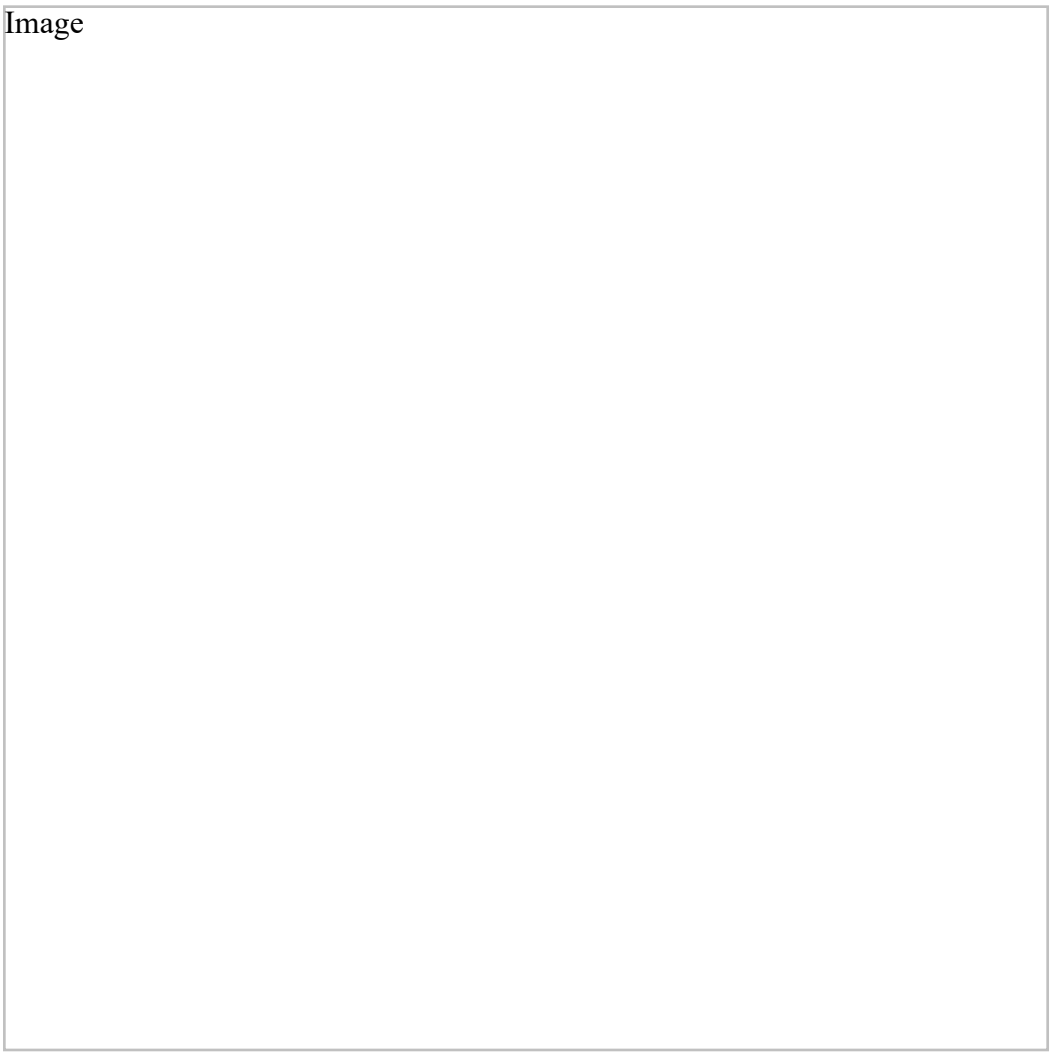


Google Maps is gaining some features previously exclusive to Google's navigation app, Waze. The company confirmed it's rolling out the ability for Google Maps users to see speed limits, speed cameras and mobile speed cameras in more than 40 countries worldwide — an expansion of its earlier launch of these features, which were previously limited to select markets.

The change was noted earlier by ZDNet and, of course, Reddit.

Google confirmed with TechCrunch the full list of supported countries now seeing the speed cameras, which currently includes: Australia, Brazil, U.S., Canada, U.K., India, Mexico, Russia, Japan, Andorra, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, Greece, Hungary, Iceland, Israel, Italy, Jordan, Kuwait, Latvia, Lithuania, Malta, Morocco, Namibia, Netherlands, Norway, Oman, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, South Africa, Spain, Sweden, Tunisia, and Zimbabwe.

The Ethics Board of One of the Largest Vendors of Police Tech (Axon) Makes the Case Against ALPRs



Automated License Plate Readers (ALPRs)—a mass surveillance technology that allows law enforcement to record the location and travel patterns of nearly every driver on the road—are poorly regulated, threaten privacy, and worsen the racial and economic inequalities already ingrained in our justice system.

That's what EFF and other advocates have been saying for years. But now it's coming from an oversight body formed by one of the nation's largest police tech vendors.

Last week, the AI and Policing Technology Ethics Board at Axon, a tech company best known for popularizing body-worn cameras and the Taser, released a damning report concerning the commercial sale of ALPRs. The board, whose purpose is to "help guide and advise the company on ethical issues," concluded that while it sees the potential value of ALPRs, their current role in society is too broad and problematic. The sheer

amount of information that ALPRs gather and store was also a concern for the ethics board—particularly when privately collected data is often for sale to whoever wants to buy it.

ALPR systems include cameras that can be mounted on vehicles like police patrol cars or private tow trucks, or on stationary locations such as streetlights or overpasses. These cameras capture every license plate that passes and index them based on time, date, and location. A police officer can search ALPR databases to learn where a vehicle was in the past or even get real-time alerts when a driver passes by an ALPR camera. Research by EFF, MuckRock, and others have found that even small police departments are able to collect millions of plate scans a year, and often agencies are sharing this data with hundreds of other agencies across the country. Private companies also use ALPR and sell their data to police, financial lenders, insurance companies, private investigators, and debt collectors.

Amazon's Ring is 'the Neighborhood Watch of 2020,' police say as doorbell cams proliferate

Image

That’s all it took Livonia Police to arrest a man, who hours earlier was caught on video posted on Ring’s Neighbors app rummaging through the bed of a pickup parked in a driveway.

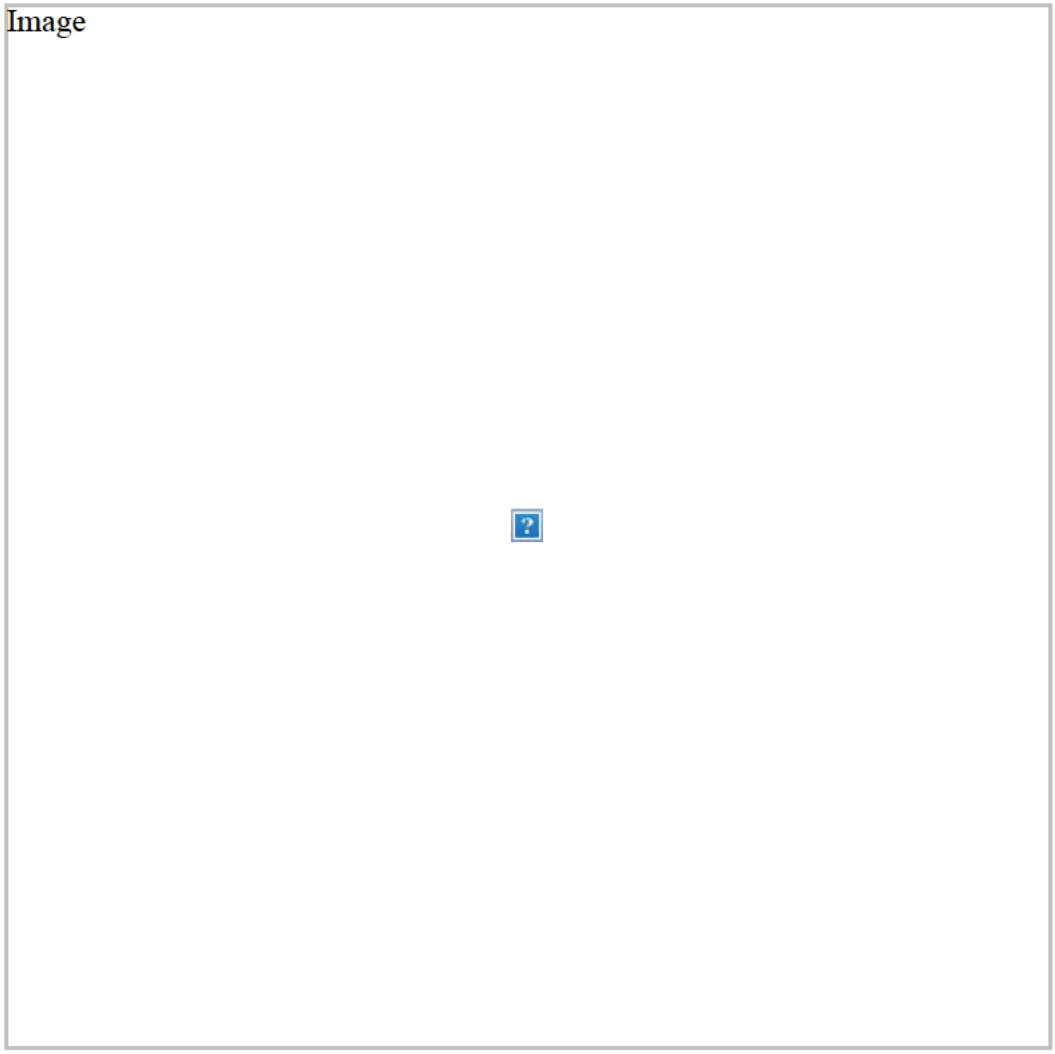
Detectives quickly recognized 60-year-old Jeffrey Couch when they saw the video posted by an app user in mid-August. Within a week, he pleaded no contest in court to two attempted larceny charges and was sentenced to 30 days in jail.

“I truly believe this is the Neighborhood Watch of 2020,” said Livonia Police Capt. Ronald Taig, whose force was one of the first law enforcement agencies in Michigan — and is one of more than 400 across the country — to partner with the Ring Neighbors app, owned by Amazon.

How the deadly drug fentanyl

is making its way to the US

Image



Trump administration officials are divided over part of a proposal to crack down on illicit versions of fentanyl, the deadly synthetic painkiller that President Donald Trump targeted in declaring a national opioid abuse emergency.

In an inter-agency dispute that highlights the challenges of curbing opioid abuse, the US Drug Enforcement Administration (DEA) is publicly backing tighter rules for fentanyl analogs, which are slightly altered copycat versions of the powerful drug fueling an explosion in overdoses.

In this case, the bill would cut the Food and Drug Administration out of the time-consuming review process by letting the DEA permanently classify illicit fentanyl analogs as Schedule I drugs, like heroin, which are deemed to be addictive with no medical use.

The DEA says these legal changes would help prosecutors keep pace with criminals who constantly churn out chemically tweaked fentanyl analogs to evade strict Schedule I regulations.

Of 70,200 US drug overdose deaths in 2017, according to the CDC, about 41% involved synthetic opioids, such as fentanyl and illicit analogs of it. Most of them are made in China.

Fentanyl, some versions of which are approved to treat cancer pain, is 100 times more potent than morphine.

Trump Orders Study of Root Causes of Crime, Policing Practices

Image

President Trump on Monday ordered Attorney General William Barr to establish a new commission to study crime and law enforcement with the goal of recommending “actions that can be taken to prevent, reduce, and control crime, increase respect for the law, and assist victims.”

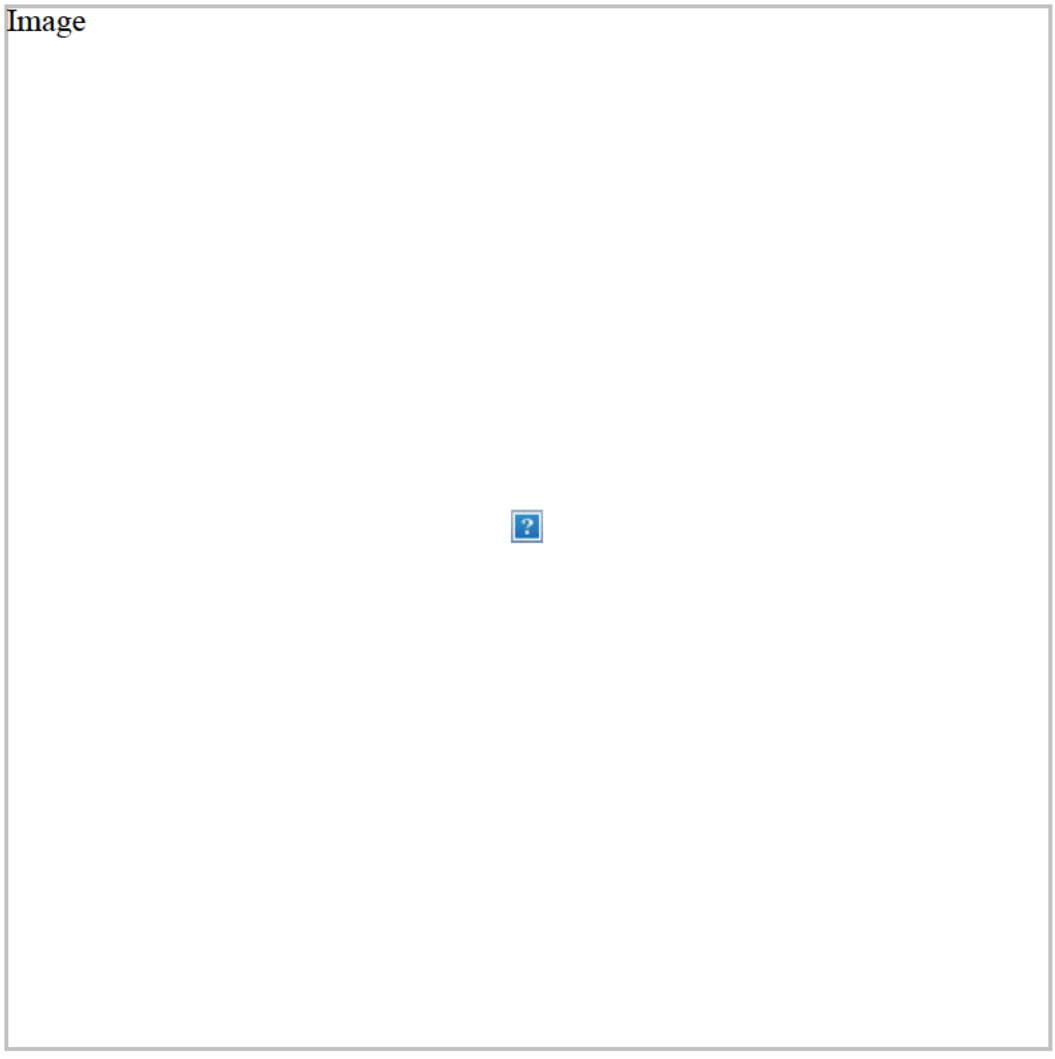
Following remarks in Chicago at the annual International Association of Chiefs of Police conference, the president signed an executive order establishing the Commission on Law Enforcement and the Administration of Justice. The commission will study the influence of substance abuse, homelessness and mental illness on crime as well as examine best practices to recruit, train and support law enforcement, among other things.

“Rigorous study of crime, including its causal factors, and current law enforcement practices is essential to assessing our current criminal justice system's merits and opportunities for

improvement," the executive order stated. "Public safety and proper policing are issues of both national and local significance that continue to require the close cooperation and coordination between the Department of Justice and state, local, and tribal law enforcement."

Quality Afterschool Programs Proven to Reduce Crime

Image



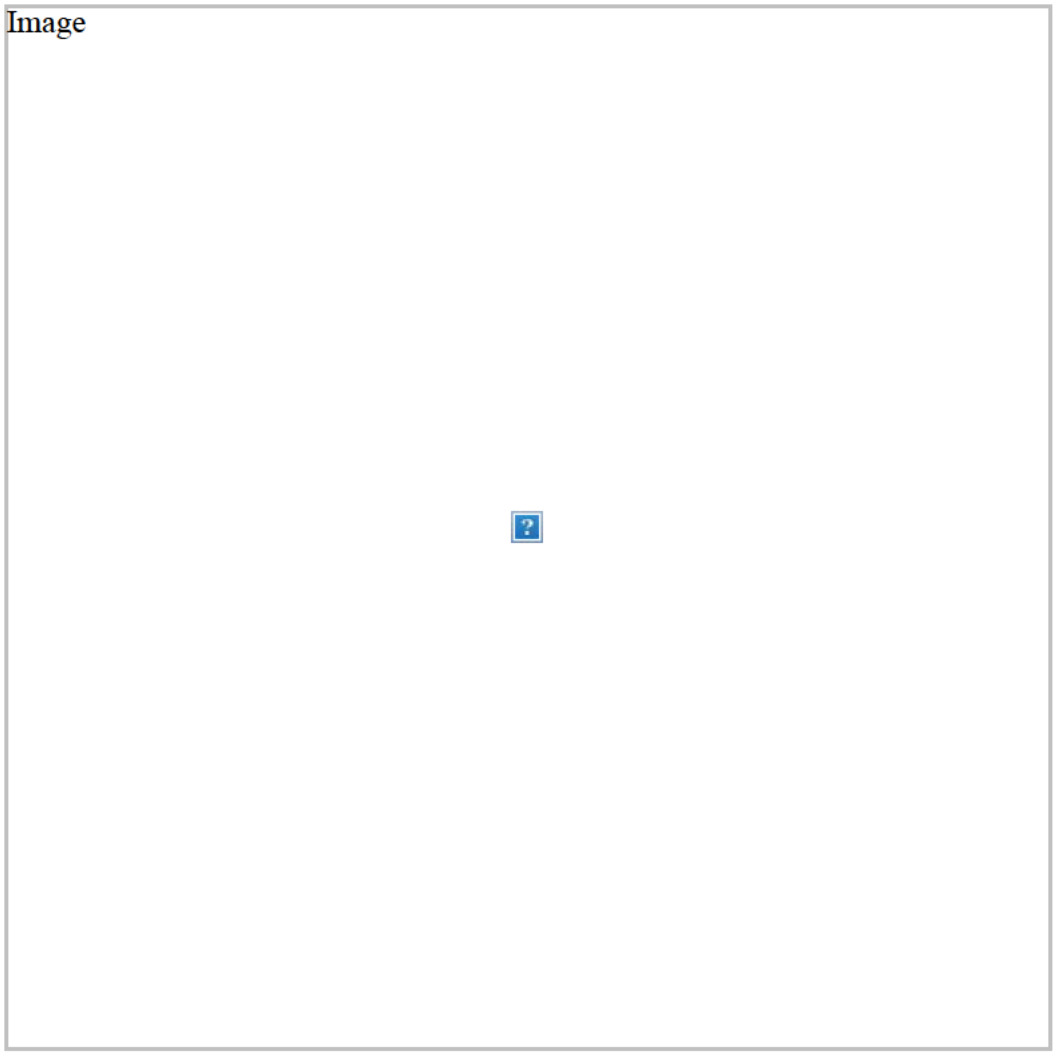
As a member of your District Attorney's Office for almost 30 years, and your DA for nearly 10, I've learned that the hours after school lets out are the prime time for juvenile crime.

It is between these hours of 2 to 6 p.m. that youth are more likely to be arrested for assault, theft and drug-related crimes.

Quality afterschool programs have been proven to reduce these crimes in our community, keep students engaged, and improve academic performance and student behavior.

A new report from Fight Crime: Invest in Kids shows that when youth have access to high-quality, affordable afterschool programming, they benefit immensely from homework help and outdoor activities, and they're less likely to commit or become victims of crime.

Australia's government is floating an idea to scan internet users' faces before they can watch porn online



Australia's Department of Home Affairs has touted an idea to use facial recognition software in order to verify internet users

ages before they can access pornography or gambling websites.

In its parliamentary submission, the department says that its Document Verification Service and Face Verification Service — though broadly intended to be used as systems for fighting crime and identity theft — could also be used by police for age verification controls.

"This could assist in age verification, for example by preventing a minor from using their parent's driver licence to circumvent age verification controls," the submission states.

"Whilst they are primarily designed to prevent identity crime, Home Affairs would support the increased use of the Document and Face Verification Services across the Australian economy to strengthen age verification processes."

Police turn to hackers in Australia's first crowdsourced attempt to find missing people

Image

For decades the traditional 'missing person' poster has been used to enlist the community's help to find individuals who may be in danger.

But with more than 2,600 Australians now listed as a "long-term" disappearance, the federal police are trying what they hope will be a more successful tactic: turning the search into a game.

More than 350 internet sleuths and "ethical hackers" — hobbyists and professionals — gathered at 10 locations around the country on Friday in a national missing-persons "hackathon".

The aim was to generate leads for 12 of Australia's most frustrating cold cases, using sophisticated but legal methods of trawling the internet.

And organisers said the results were astounding: 100 leads

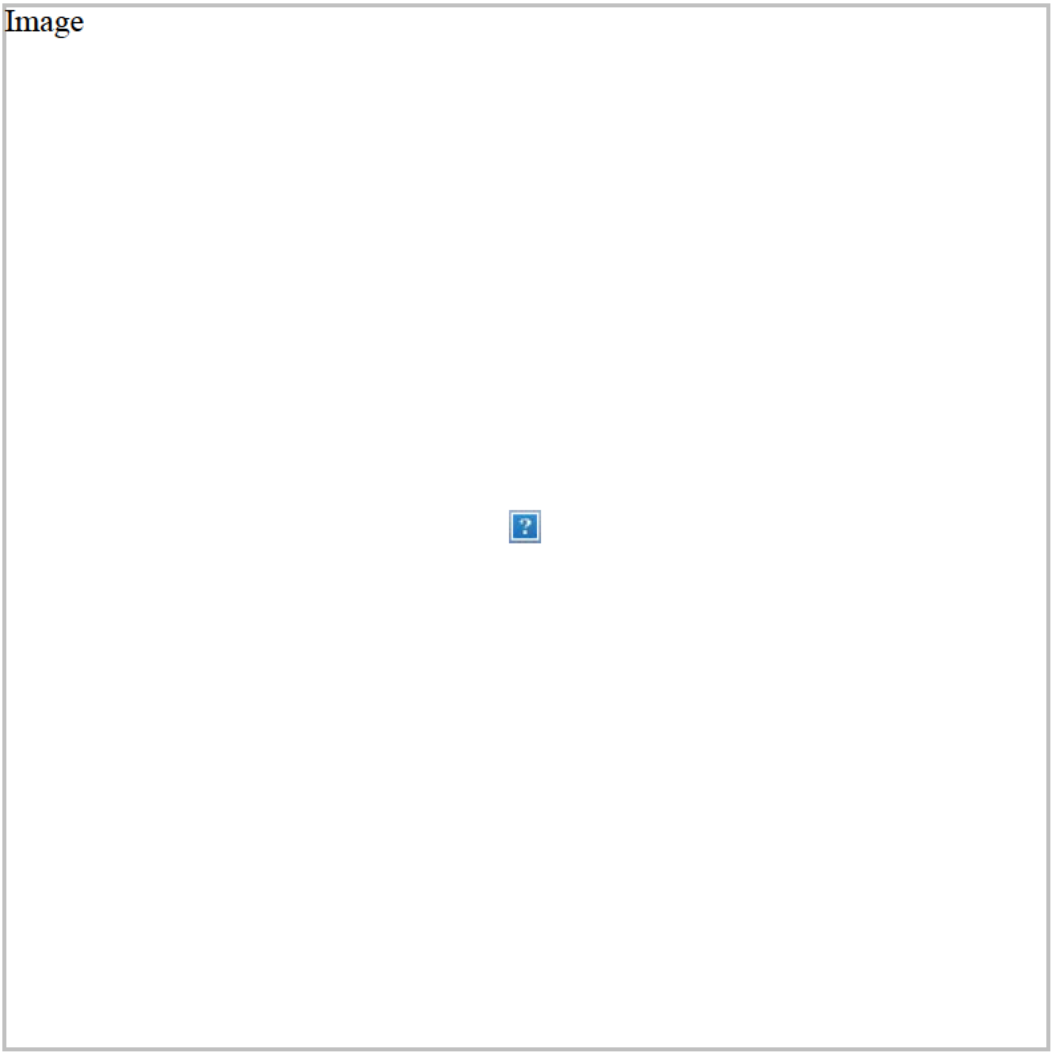
were generated every 10 minutes the competing teams worked.

Police overseas have used crowdsourcing in the past for help with isolated cases, aided by these largely voluntary "open-source intelligence" (OSINT) enthusiasts.

But Linda Cavanagh, of the Canberra Cyber Security Innovation Node, said the Australian event was the first of its kind to be deployed on a national scale.

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10 of the Best Tools to Find Relevant Influencers on Social Media



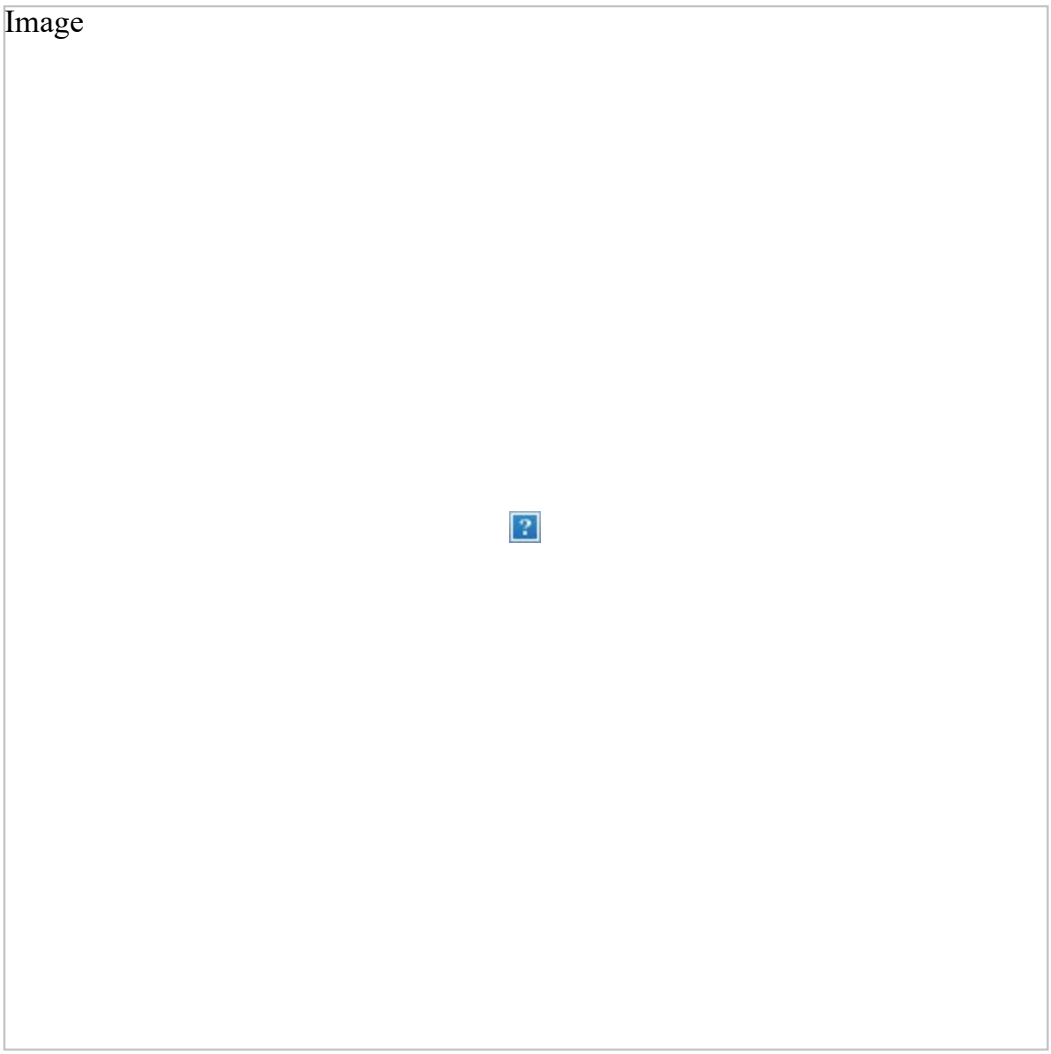
While it's become a much bigger consideration in recent years, influencer marketing, as a practice, has actually existed for a very long time. In the past, however, influencers were only on

TV or in magazines, and unlike social media, TV and newspapers are limited, which led to a situation where a select number of celebrities were able to charge tons of money for making an ad for Pepsi or Swatch in order to influence consumer behavior.

With the birth of social platforms, everything changed. The Internet has no limits, there can be as many influencers as the world requires. They can be of any age and social status, and in any area of expertise (or no area of expertise). And they can work with any brand.

How Your Volunteering Trip Could Contribute To Human Trafficking

Image



The advent of cheap air travel and Instragammable holiday

photos, combined with a longing for meaning, has created a new breed of traveler: the voluntourist. This ever-growing trend describes people, most often young and affluent Westerners, who travel to the global South to help with community projects.

While no doubt sweetly intentioned, there is considerable concern over the fad of "voluntourism" and whether it does more harm than good for the communities in developing countries – especially when it involves children or work at an orphanage. On the surface of the problem, it's questionable whether treating the developing world as a playground is an effective model to address systemic poverty and care for vulnerable children.

An anthropological study published in the Journal of Sustainable Tourism has shown how volunteer programs can actually contribute towards a superficial understanding of poverty that distracts from the larger systems that produce inequality and poverty. Through a series of in-depth interviews with young people from the US who volunteered in Malawi, they found their volunteer work was often carried out through a colonial and "mythologized" image of a helpless Africa needing the benevolence of the West. The volunteers also viewed African poverty in terms of the "American Dream" and the idea of pulling oneself out of poverty through hard work, as opposed to deep-rooted economic, social, and historical factors at play.

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Each Wednesday, we share with you a few of the articles or intelligence-based publications that have come across our desk. We are exicted to see, each week, Law Enforcement Officers, Analysts and Administrators from around the world reading this.

If you have a publication or an article that you feel needs to be shared, please send these to IntelligenceAnalysis@mac.com for review.

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Wednesday 10/30/19

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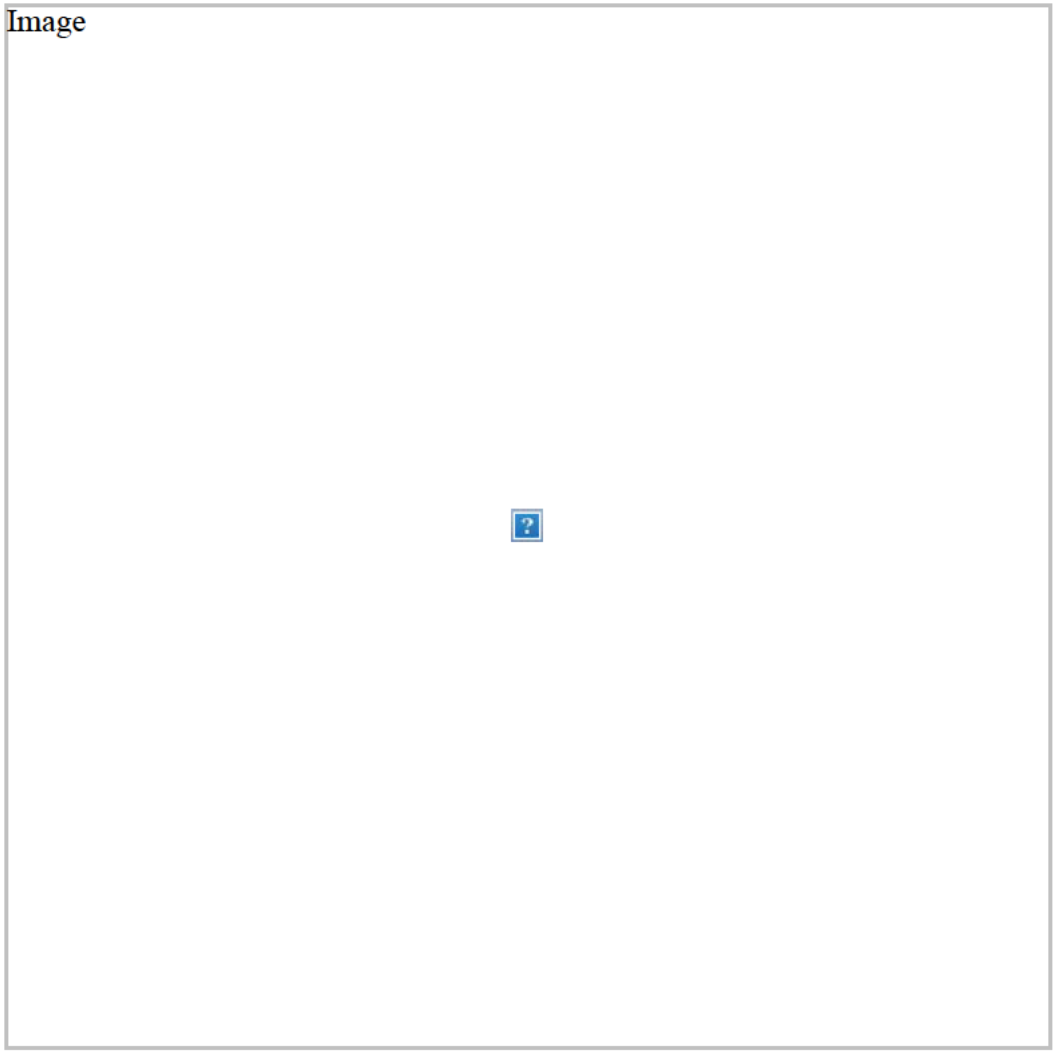


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BAE wins open source intelligence

contract from the Army

Image



The Army has awarded BAE Systems a $437 million task order for open source intelligence support, the company announced Oct. 15 during the 2019 Association of the United States Army conference.

As part of the task order, BAE Systems will provide the Army and Army Intelligence & Security Command (INSCOM) approved partners with open source solutions to publicly available data.

“We’re proud to continue to partner with the U.S. Army and support their critical national security missions with this new capability,” Peder Jungck, vice president and general manager of BAE Systems’ intelligence solutions business.

The company won the initial award of the five-year task order

and began ramping up in August, Jungck said. The task order is an extension of projects the company has been doing for the Army, but this is the first time the work been consolidated and awarded as a larger contract, he explained.

“If you look at contracts in general around OSINT there’s been kind of small ones, there’s been lots of pilots out of agencies and even within the Army and throughout INSCOM there were different kind of brigades and battalions that had their own set of tools," he said. "This is one of the first of the really large OSINT and AI consolidation contracts. I don’t think anybody’s really had a large one like this.”

Calif. police stand by cop after video released in 2017 OIS of murder suspect

Image



FRESNO, Calif. — Community activists are expressing outrage

after seeing video footage that shows a Fresno police sergeant fatally shooting an unarmed 16-year-old boy as he fled during a foot pursuit.

Meanwhile, the local police union and supporters of law enforcement have stepped up in support of the sergeant, saying he acted within guidelines while pursuing a murder suspect.

The footage shows Sgt. Ray Villalvazo firing a single shot into the back of Isiah Murrietta-Golding's head, according to a lawsuit filed on behalf of the teen's family.

The video was captured on a surveillance camera at a daycare facility on April 14, 2017, and was released by attorney Stuart Chandler, who's representing the family of Murrietta-Golding. The boy's family alleges the sergeant used excessive and unlawful deadly force, and committed assault and battery with negligence.

Additionally, in footage released from a police officer's body camera, one officer is heard shouting "good shot" as officers handcuff and search the already prone Murrietta-Golding.

Asia has an organized-crime problem. Canada is well placed to help

Image

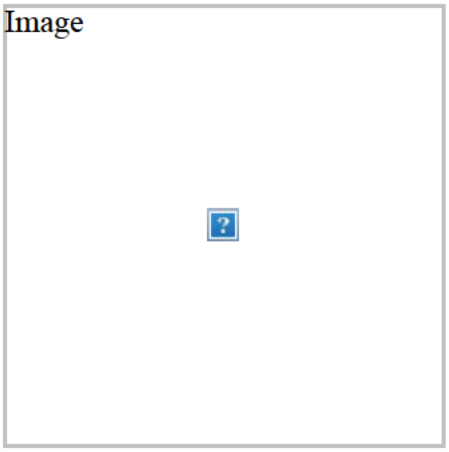
Jeremy Douglas is the regional representative for the United Nations Office on Drugs and Crime (UNODC) for Southeast Asia and the Pacific and a former UNODC representative for Pakistan. The opinions expressed in this commentary are his.

More than a few eyebrows went up last week when Tse Chi Lop – a 55-year-old Canadian man – was accused of being arguably the biggest drug trafficker in the history of Asia.

Mr. Tse is suspected – by police in Myanmar, Australia and Taiwan, and by the United Nations Office on Drugs and Crime (UNODC) – of being the leader of Sam Gor, or Brother Number Three, a supersyndicate largely responsible for the dramatic shift in recent years in organized crime away from drugs such as heroin and toward synthetics, such as methamphetamine, ketamine and fentanyl. It's a shift that has been driven by control and profit, since synthetics offer many advantages to criminal organizations: Labs can be quickly set up or moved;

they are not subject to external conditions such as climate, nor do they require large work forces; and production can be rapidly scaled up to drive the market. Put these things together and it means the disruption of the traditional drug business and the heavily concentrated profits that come with it.

Florida Senator Rick Scott Announces Legislation To Address 'FBI Failures' Regarding Parkland Shooting



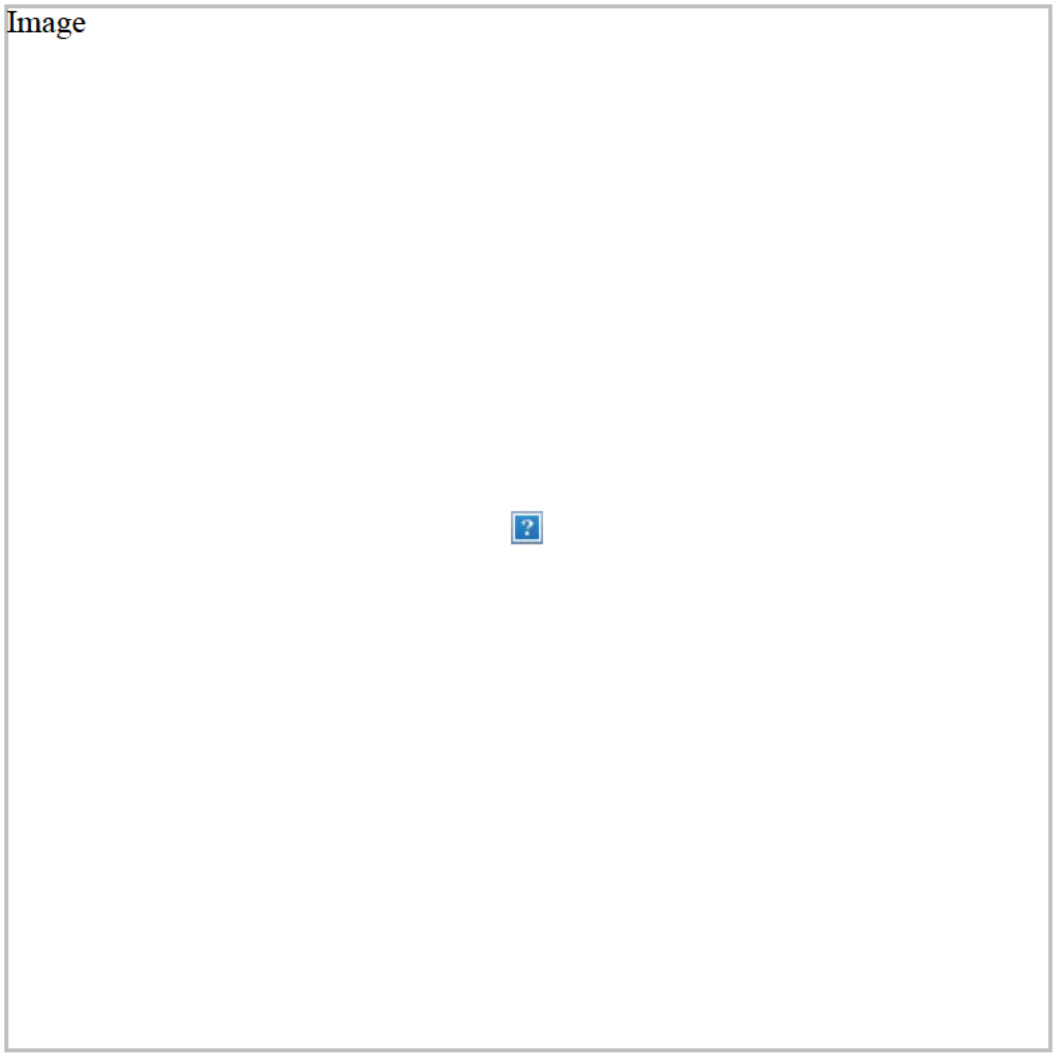
MIAMI (CBSMiami) – Florida Senator Rick Scott announced legislation Thursday to hold the Federal Bureau of Investigations accountable for its 'failures to address critical deficiencies in its handling of actionable intelligence' in regards to the mass shooting at Marjory Stoneman Douglas High School in 2018.

The 'Threat Information Protocol for Sharing (TIPS) Act' is supported by Stand with Parkland, an organization founded by the family members of the victims of the Parkland shooting.

"Not a day goes by that I don't think about the 17 souls that were taken from us in a brutal act of violence at Marjory Stoneman Douglas High School. Following the tragedy, we all worked together to pass the Marjory Stoneman Douglas High School Public Safety Act to make our schools safer and prevent future tragedies, but we aren't finished. We cannot accept the repeated failures of the FBI to properly investigate and act on specific tips received about the Parkland shooter, as well as other perpetrators of mass violence in Florida. I'm

proud to stand with the family members of the victims to announce the TIPS Act, which bridges the gap between federal and state law enforcement agencies by mandating information sharing of all state-specific criminal intelligence tips. This is about getting information on threats into the hands of the right people, who can ultimately prevent violence and protect our families," Scott said.

Majority of Mexicans Say Organized Crime Stronger than Government after El Chapo's Son Released



A majority of Mexicans see organized crime as more powerful than the Mexican government after government forces capitulated to drug-cartel strongmen and released the son of

the former cartel leader Joaquín Guzmán, known as “El Chapo.”

About 56 percent of Mexicans say they believe organized crime is stronger, while only 33 percent say the government is stronger, according to a poll by the Mexican newspaper Reforma.

Mexican authorities were forced on Thursday to release Ovidio Guzmán López, El Chapo’s son, shortly after capturing him, when the Sinaloa cartel laid siege to the city of Culiacán and surrounded Mexican troops, taking eight soldiers hostage. Officials said at least 14 people died during the clashes between cartel members and Mexican soldiers.

49 percent of respondents in the Reforma poll disagreed with the decision to release López, while 45 percent said they supported it. Residents of Culiacán expressed relief that the government had surrendered, saying the decision prevented further violence.

Mexican lawmen get FBI training to combat organized crime, terrorism

Image

JUAREZ, Mexico — Three Chihuahua state lawmen recently completed intelligence and intervention training courses sponsored by the FBI, according to the State Security Commission.

Alvaro Serrano Escobedo, the commission's operations director, received training on anti-terrorism, intelligence gathering, leadership and the combat of organized crime at FBI headquarters in Quantico, Virginia. The training is part of the FBI's Mexican Law Enforcement Executive Development (MEXLEED) program, the commission said in a news release.

Ginés Jaime Ruiz García, first officer of the Chihuahua State Police, and Jesús Alejandro Cruz Rangel, who heads rural operations for the agency, attended the FBI's Mexican American Liaison and Law Enforcement Training (MALLET) program in South Padre Island, Texas, the commission said.

The three lawmen were among 30 duly vetted Mexican officials chosen by the FBI for training this year, the commission said.

63 accused drug dealers plead guilty in heroin, fentanyl and cocaine trafficking rings

Image

SYRACUSE — New York State Attorney General Letitia James has announced the guilty pleas of 63 people for their roles in two major narcotics trafficking operations that transported heroin, fentanyl, and cocaine to Onondaga, St. Lawrence, Oswego, Oneida, and Jefferson counties.

The investigation resulted in the recovery of approximately 4,700 bags of heroin and fentanyl, worth approximately $140,000, and approximately 2 kilograms of cocaine, worth more than $200,000, according to a news release from the Attorney General's office.

“These individuals flooded our communities with dangerous drugs that are putting New Yorkers at great risk,” said Attorney General Letitia James in the news release.

House bill would give border agents tool to detect synthetic opioids

Image

A bill that would give U.S. Customs and Border Protection (CBP) agents the equipment to detect synthetic opioids has been introduced in the U.S. House.

The DHS Opioid Detection Resilience Act of 2019 requires the Commissioner of CBP to procure chemical screening devices that allow border patrol agents to identify narcotics, including synthetic opioids, with purity levels of less than 10 percent. A

2018 study by the Drug Enforcement Administration (DEA) found that most fentanyl seized at the southwest border tends to be less than 10 percent pure. These changes would fill the gap that currently exists in identifying these synthetic opioids.

“Stopping the flow of illegal drugs across our southern border and at ports of entry is a top priority for our CBP law enforcement officers. This includes fentanyl and other synthetic opioids that can be difficult to detect. Our legislation ensures that DHS has the necessary equipment to detect synthetic opioids and the ability to adapt as smuggling methods evolve. We want to prevent this poison from ever reaching American communities, and our bill helps law enforcement carry out that mission,” Rep. Clay Higgins (R-LA), the bill’s sponsor, said.

Teens brawl with police in Brooklyn subway station

Image

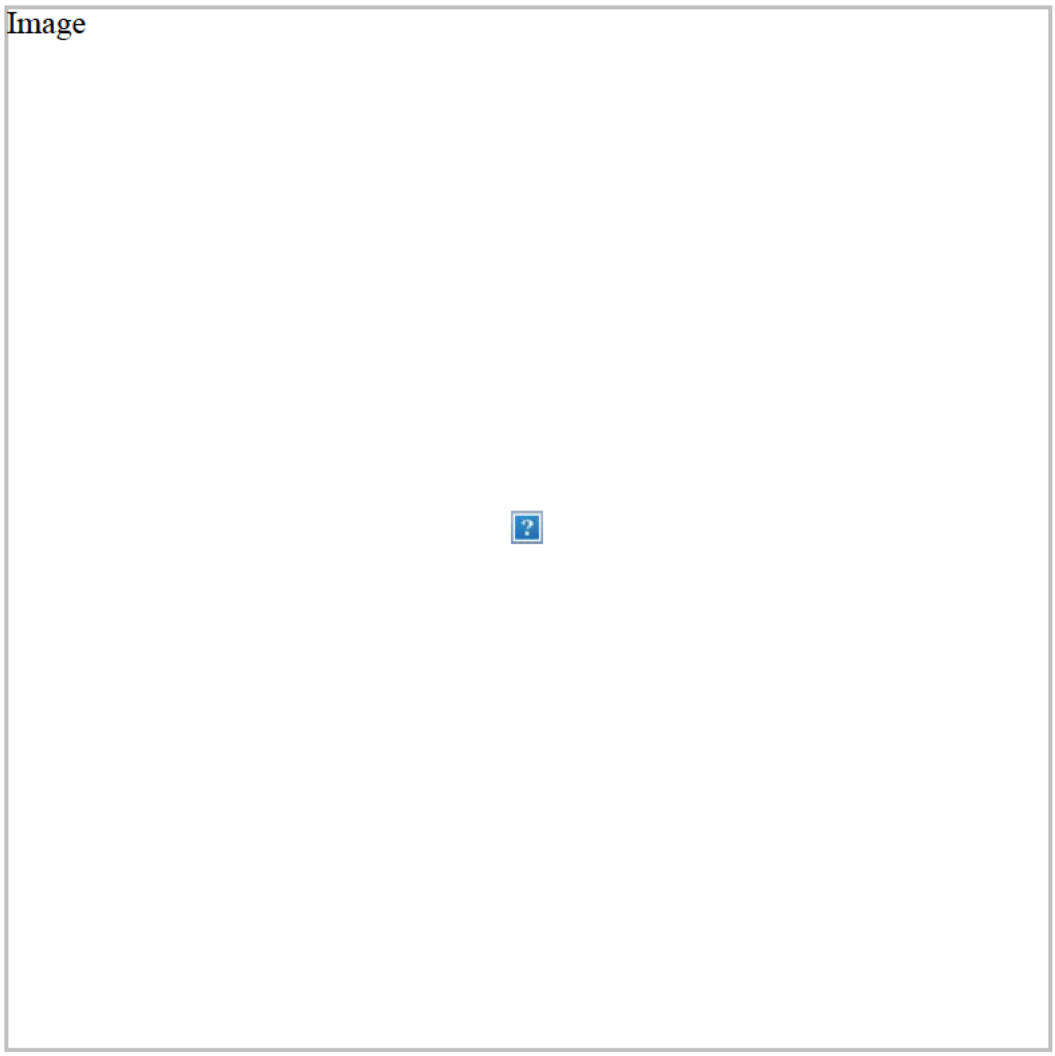
BROOKLYN, N.Y. – A video showing members of the NYPD trying to break up a fight and instead ending up in an all-out brawl with a mob of New Yorkers has gone viral… and media outlets were quick to condemn the cops who were involved.

The Post said that the incident unfolded on Saturday morning around 2:30 a.m. as officers responded to the scene of a fight on the platform of a subway station. The fights had originally began up on Jay Street between two groups of people before the violence spilled down into the station.

Cell phone video captured at the scene shows officers rush into the area and try to pull the brawling teens apart, attempting to put one of the suspects in handcuffs. Other individuals on the outside of the skirmish appear to be pulling the officers away.

The heartbreaking final text this human trafficking victim sent before dying in UK truck

Image



A 26-year-old Vietnamese woman texted her mom frantically that she was suffocating in the truck in which the bodies of 39 people were found in England — and apologized that her journey to a better life ended tragically, according to a report.

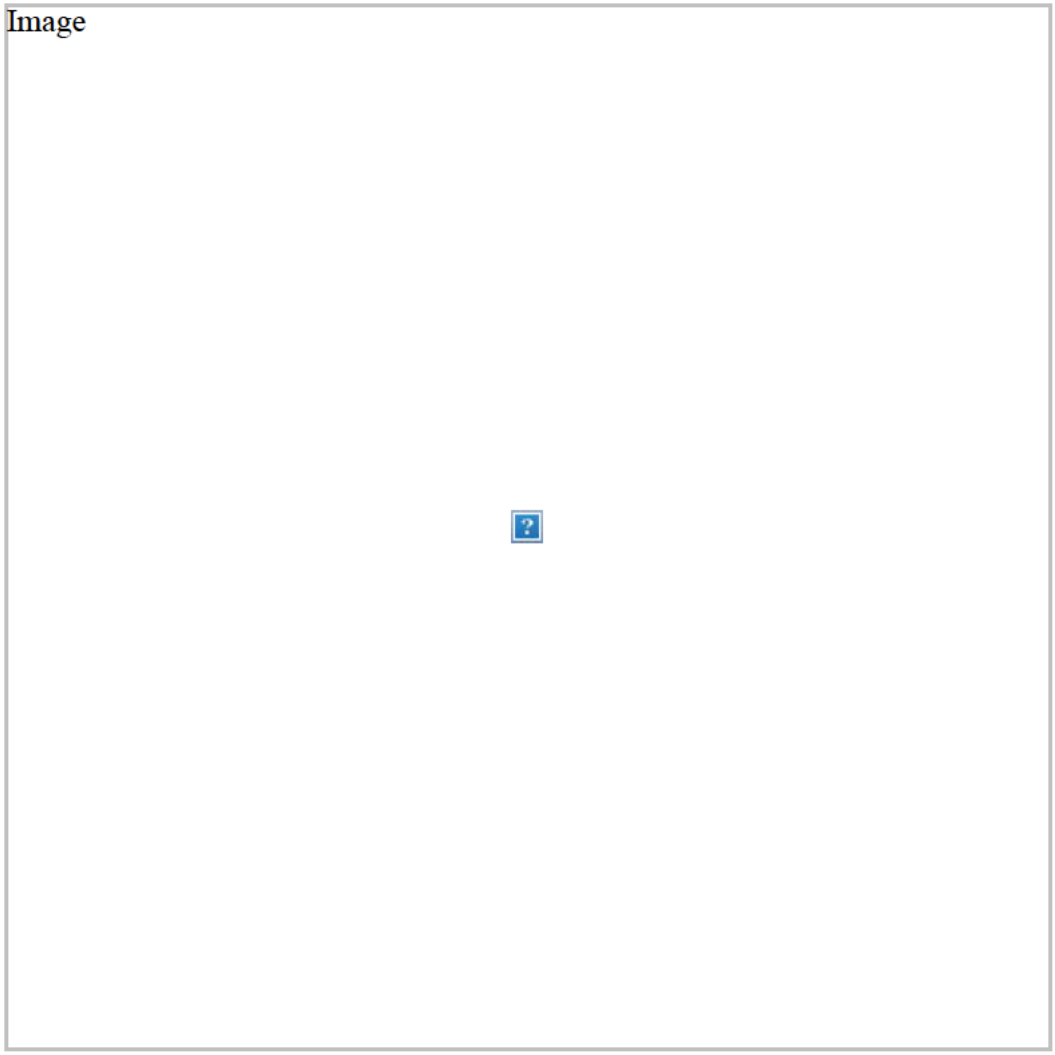
“I’m sorry Mom, my path to abroad didn’t succeed,” Pham Thi Tra My wrote in a series of messages about 10:30 p.m. Tuesday, according to the Mirror.

“Mom, I love you and Dad so much! I’m dying because I can’t breathe,” she added.

News about the young woman’s final moments emerged as two more people were arrested after eight women and 31 men were found dead Wednesday in a case that has shocked

Britain and made headlines around the world.

Labor Trafficking Is A Crime You Probably Don't Notice



It has been more than four years since Catherine Piedad called 911 from a $1.7 million home in Newton.

In 2015, she worked long hours to care for a Russian family's young twins. Her passport was taken, and she slept in a small room with little light and nowhere to store her clothes. When she asked to be paid, her employer threatened to send her back to the Philippines. She feared deportation and did not know who to trust.

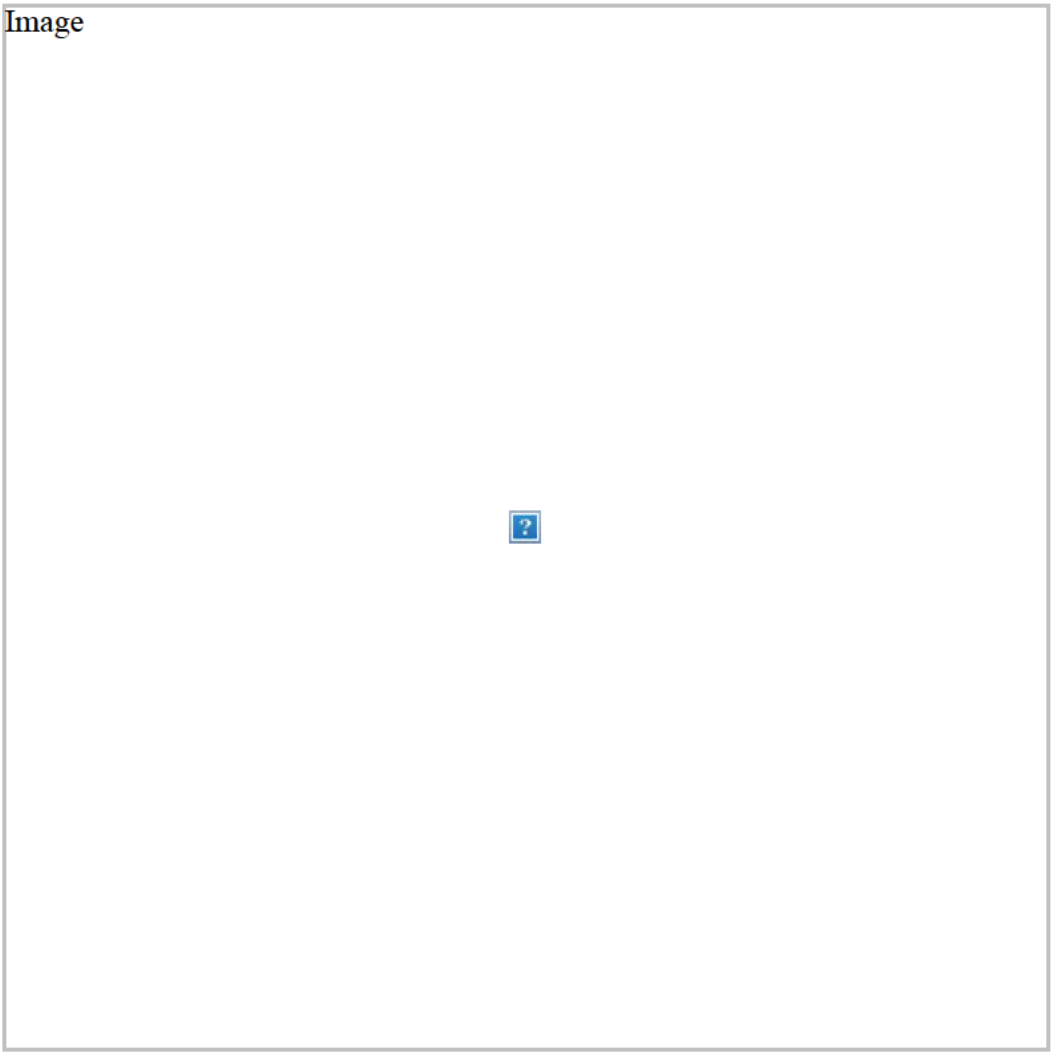
Despite her fear, she called 911. Law enforcement helped her

to leave the family's home but did little else. They did not see her case as "labor trafficking." Instead, the incident was labeled a "labor dispute." Piedad struggled to access her rights — despite the robust federal and state laws designed to protect her.

You've probably heard of sex trafficking, which often involves perpetrators who force, trick or coerce victims into sexual servitude. Although difficult to see, sex trafficking is often visible to law enforcement through the internet: perpetrators sometimes leave a footprint online, which can provide a critical entry point for criminal investigations.

The Mafia's history in Las Vegas: From Bugsy Siegel to Anthony Spilotro

Image



Benjamin "Bugsy" Siegel had been at the helm of the Flamingo

for only six months in June 1947 when he was killed in a hail of gunfire at his girlfriend's Beverly Hills, Calif., home.

But his vision for the Flamingo, the first resort-style hotel on the Strip, was the beginning of a 50-year relationship between Las Vegas and traditional organized crime that helped define "Sin City"and turn it into one of the world's top tourist destinations.

"The general perception on the part of the public is that Las Vegas and the mob have been inextricably linked, and I don't think it will ever be extricated," former longtime state archivist Guy Rocha says.

Groundbreaking books such as "The Green Felt Jungle" in 1963, which revealed the mob's early grip on the city, and popular movies such as "The Godfather" in 1972 and "Casino" in 1995 enhanced this perception through the years.

So did the buzz on the Strip over the Rat Pack, led by headliner Frank Sinatra and his associations with high-profile underworld figures.

New Bill To Bring Illegal Gambling In California Closer To An End

Image

Gambling in the US, as well as in the whole world, is one of the most entertaining and lucrative endeavors. Not only does it provide fun and joy to the players, but it also offers an opportunity to make a fortune.

The gambling operators all around the world are doing everything they can to attract new customers. From online free spins for Australians to no deposit bonuses and other promotions in other countries, casino operators are full of such impressive offers.

However, the industry isn't just this fairy-tale source of joy and money. It also has its drawbacks. With problem gambling, organized crime, and money laundering prospects, gambling has long been considered threatening to society.

That's the reason why the US government, alongside other governments worldwide, have been eager to put the industry

under the limitations and protect the interests of their citizens. With the regulatory restrictions and measures, the government officials have deemed ill-gotten gains illegal and contributed to ending gambling-related crime.

Best true-crime books of all time

Image

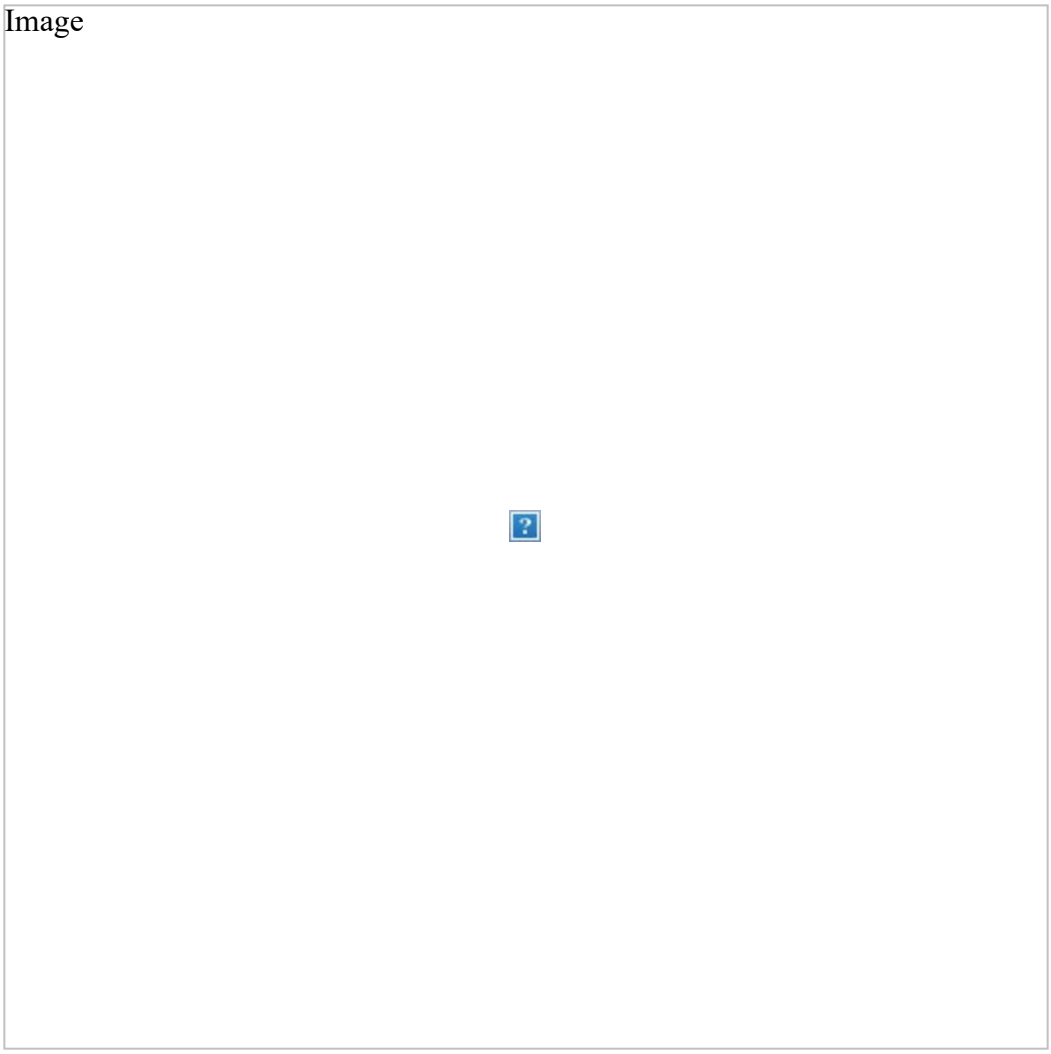


Terrifying tales are not the domain of fiction alone. If you are in search of bone-chilling scares, we recommend you turn to true crime. The key word being true. That's right, no imagination needed. Including stories about such horrific figures as Charles Manson and Ted Bundy, Goodreads compiled a list of the top 10 true-crime books of all time based on the lists, reviews and ratings of their more than 90 million members.

AP

How a Facebook Crime Page Led to Arrest of N.C. Woman in Cold Case Killing of Sister-in-Law

Image



A Facebook page devoted to the murdered, missing or miscreant residents of western North Carolina is being credited with helping authorities bring charges in the 15-year-old cold-case killing of a missing mom of four, allegedly at the hands of her sister-in-law.

The tip that led authorities to a “shallow grave” containing the remains believed to be those of 29-year-old Deborah Elaine Deans “proved to be very accurate and very reliable,” Nash

County Sheriff Keith Stone told reporters last week.

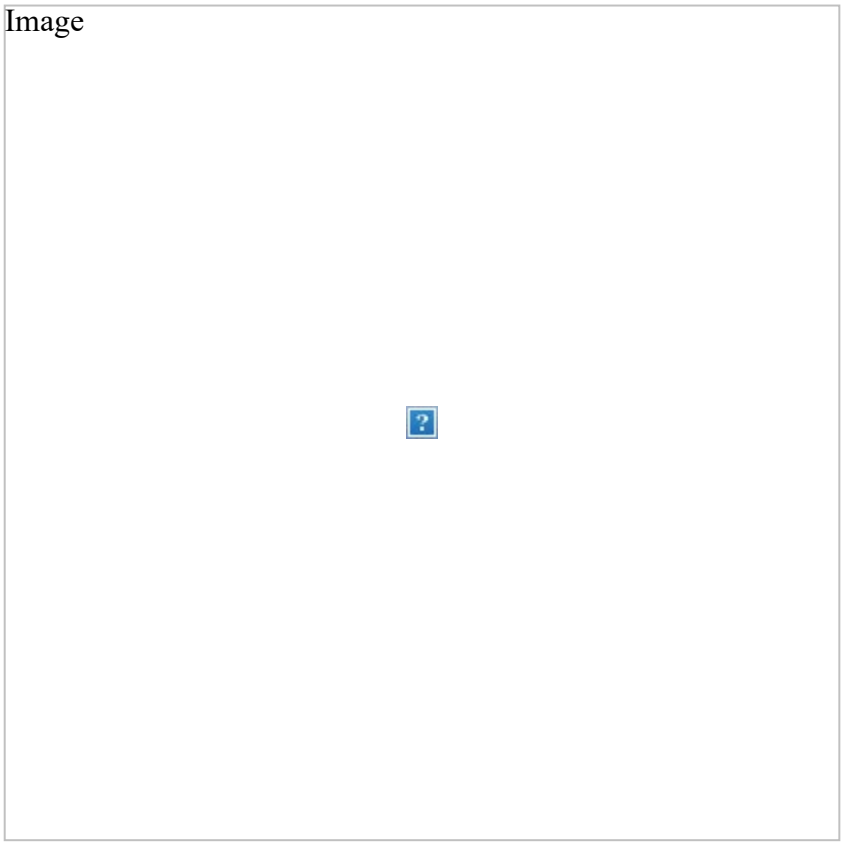
But the tipster did not go to police at first.

Instead, the unidentified person sent information about the alleged crime to a woman who created and runs a Facebook page called Fighting Crime News and Who's Wanted, an online outlet whose updates range from wanted posters to promotions of local elections and warnings about traffic tie-ups.

On October 20, a re-post about the unsolved missing-person case of Deans — who was last seen around 9 a.m. on January 19, 2004, at a residence on Wiley Road in Spring Hope — elicited a "very detailed" response that was forwarded to authorities by the Facebook page creator, said Nash.

Google Maps Adds ability to see speed limits and speed traps in 40+ countries

Image

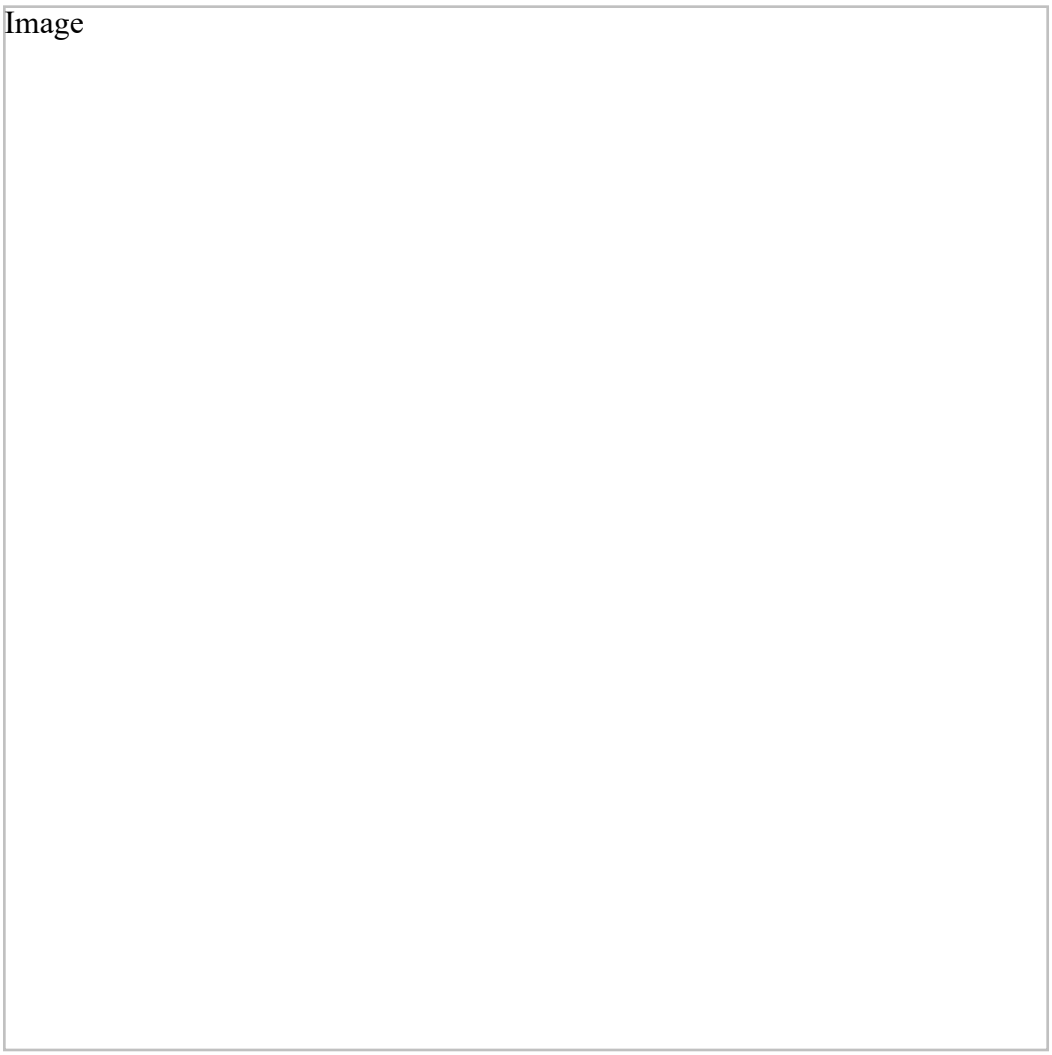


Google Maps is gaining some features previously exclusive to Google's navigation app, Waze. The company confirmed it's rolling out the ability for Google Maps users to see speed limits, speed cameras and mobile speed cameras in more than 40 countries worldwide — an expansion of its earlier launch of these features, which were previously limited to select markets.

The change was noted earlier by ZDNet and, of course, Reddit.

Google confirmed with TechCrunch the full list of supported countries now seeing the speed cameras, which currently includes: Australia, Brazil, U.S., Canada, U.K., India, Mexico, Russia, Japan, Andorra, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, Greece, Hungary, Iceland, Israel, Italy, Jordan, Kuwait, Latvia, Lithuania, Malta, Morocco, Namibia, Netherlands, Norway, Oman, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, South Africa, Spain, Sweden, Tunisia, and Zimbabwe.

The Ethics Board of One of the Largest Vendors of Police Tech (Axon) Makes the Case Against ALPRs



Automated License Plate Readers (ALPRs)—a mass surveillance technology that allows law enforcement to record the location and travel patterns of nearly every driver on the road—are poorly regulated, threaten privacy, and worsen the racial and economic inequalities already ingrained in our justice system.

That's what EFF and other advocates have been saying for years. But now it's coming from an oversight body formed by one of the nation's largest police tech vendors.

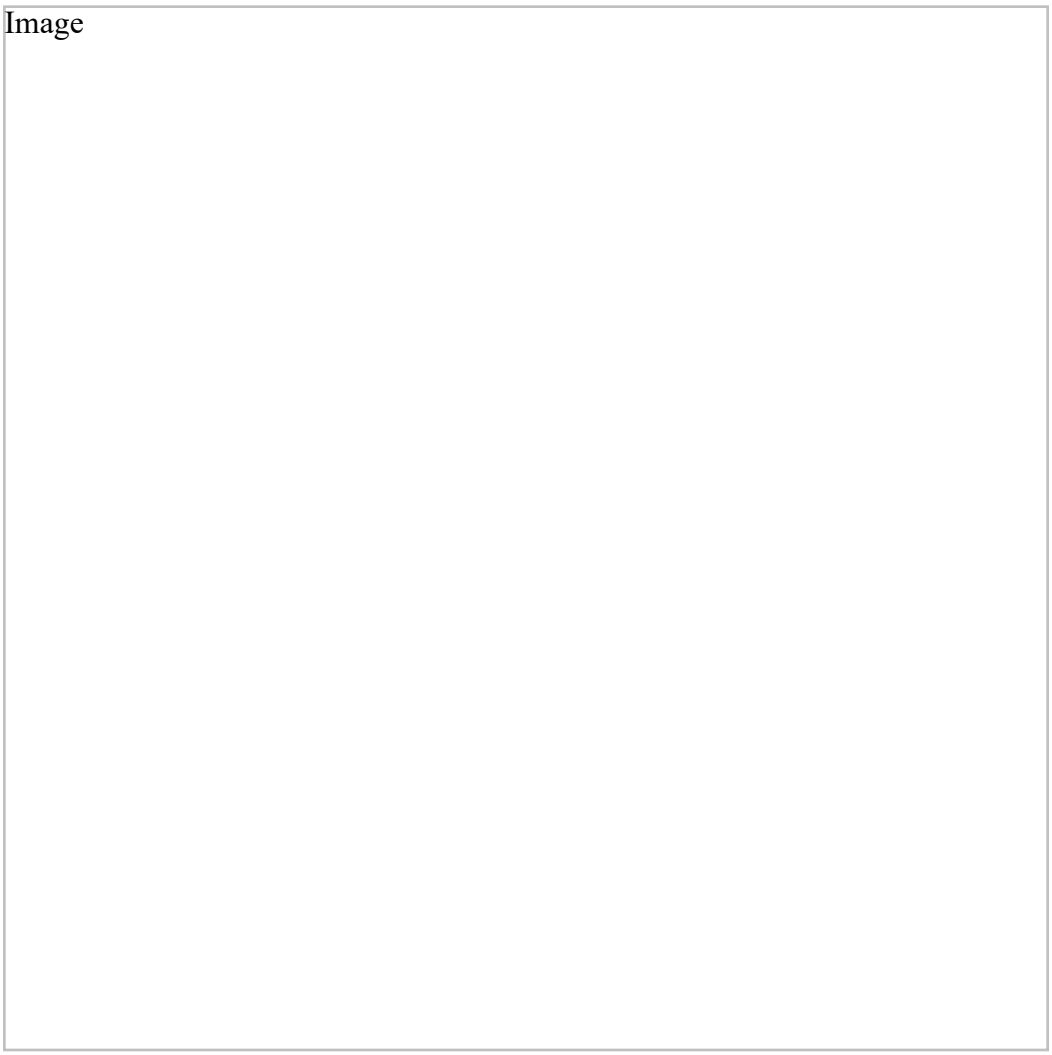
Last week, the AI and Policing Technology Ethics Board at Axon, a tech company best known for popularizing body-worn cameras and the Taser, released a damning report concerning the commercial sale of ALPRs. The board, whose purpose is to "help guide and advise the company on ethical issues," concluded that while it sees the potential value of ALPRs, their current role in society is too broad and problematic. The sheer

amount of information that ALPRs gather and store was also a concern for the ethics board—particularly when privately collected data is often for sale to whoever wants to buy it.

ALPR systems include cameras that can be mounted on vehicles like police patrol cars or private tow trucks, or on stationary locations such as streetlights or overpasses. These cameras capture every license plate that passes and index them based on time, date, and location. A police officer can search ALPR databases to learn where a vehicle was in the past or even get real-time alerts when a driver passes by an ALPR camera. Research by EFF, MuckRock, and others have found that even small police departments are able to collect millions of plate scans a year, and often agencies are sharing this data with hundreds of other agencies across the country. Private companies also use ALPR and sell their data to police, financial lenders, insurance companies, private investigators, and debt collectors.

Amazon's Ring is 'the Neighborhood Watch of 2020,' police say as doorbell cams proliferate

Image



That's all it took Livonia Police to arrest a man, who hours earlier was caught on video posted on Ring's Neighbors app rummaging through the bed of a pickup parked in a driveway.

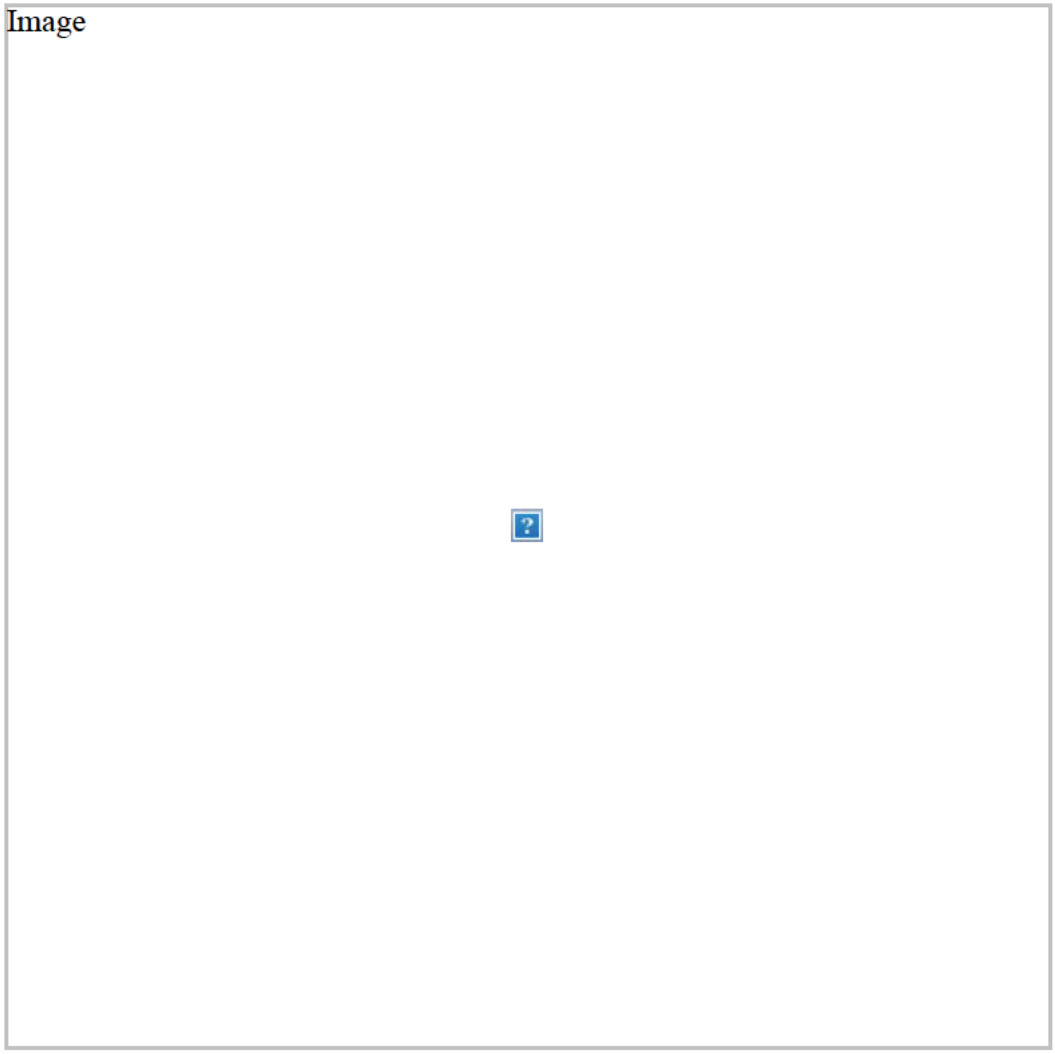
Detectives quickly recognized 60-year-old Jeffrey Couch when they saw the video posted by an app user in mid-August. Within a week, he pleaded no contest in court to two attempted larceny charges and was sentenced to 30 days in jail.

"I truly believe this is the Neighborhood Watch of 2020," said Livonia Police Capt. Ronald Taig, whose force was one of the first law enforcement agencies in Michigan — and is one of more than 400 across the country — to partner with the Ring Neighbors app, owned by Amazon.

How the deadly drug fentanyl

is making its way to the US

Image



Trump administration officials are divided over part of a proposal to crack down on illicit versions of fentanyl, the deadly synthetic painkiller that President Donald Trump targeted in declaring a national opioid abuse emergency.

In an inter-agency dispute that highlights the challenges of curbing opioid abuse, the US Drug Enforcement Administration (DEA) is publicly backing tighter rules for fentanyl analogs, which are slightly altered copycat versions of the powerful drug fueling an explosion in overdoses.

In this case, the bill would cut the Food and Drug Administration out of the time-consuming review process by letting the DEA permanently classify illicit fentanyl analogs as Schedule I drugs, like heroin, which are deemed to be addictive with no medical use.

The DEA says these legal changes would help prosecutors keep pace with criminals who constantly churn out chemically tweaked fentanyl analogs to evade strict Schedule I regulations.

Of 70,200 US drug overdose deaths in 2017, according to the CDC, about 41% involved synthetic opioids, such as fentanyl and illicit analogs of it. Most of them are made in China.

Fentanyl, some versions of which are approved to treat cancer pain, is 100 times more potent than morphine.

Trump Orders Study of Root Causes of Crime, Policing Practices

Image

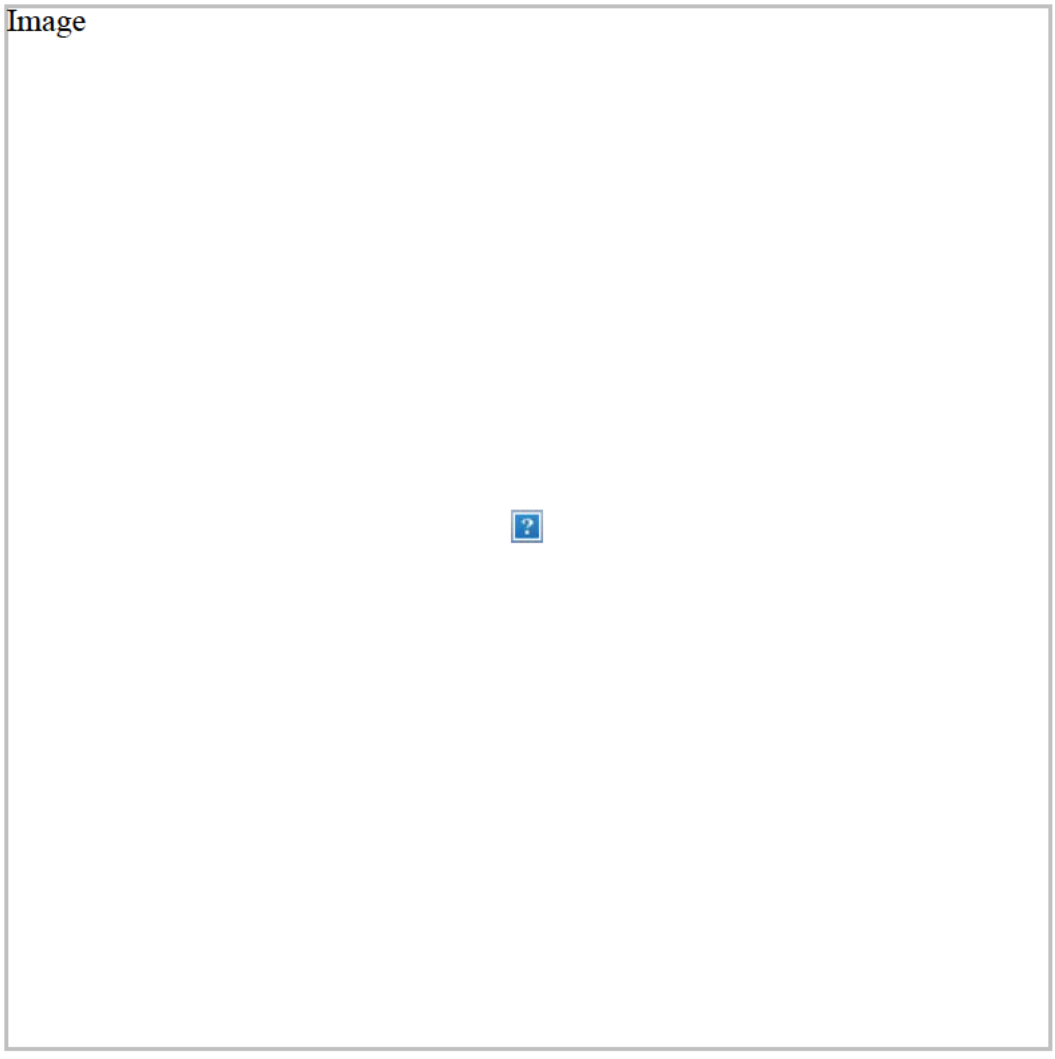
President Trump on Monday ordered Attorney General William Barr to establish a new commission to study crime and law enforcement with the goal of recommending “actions that can be taken to prevent, reduce, and control crime, increase respect for the law, and assist victims.”

Following remarks in Chicago at the annual International Association of Chiefs of Police conference, the president signed an executive order establishing the Commission on Law Enforcement and the Administration of Justice. The commission will study the influence of substance abuse, homelessness and mental illness on crime as well as examine best practices to recruit, train and support law enforcement, among other things.

“Rigorous study of crime, including its causal factors, and current law enforcement practices is essential to assessing our current criminal justice system's merits and opportunities for

improvement," the executive order stated. "Public safety and proper policing are issues of both national and local significance that continue to require the close cooperation and coordination between the Department of Justice and state, local, and tribal law enforcement."

Quality Afterschool Programs Proven to Reduce Crime

Image 

As a member of your District Attorney's Office for almost 30 years, and your DA for nearly 10, I've learned that the hours after school lets out are the prime time for juvenile crime.

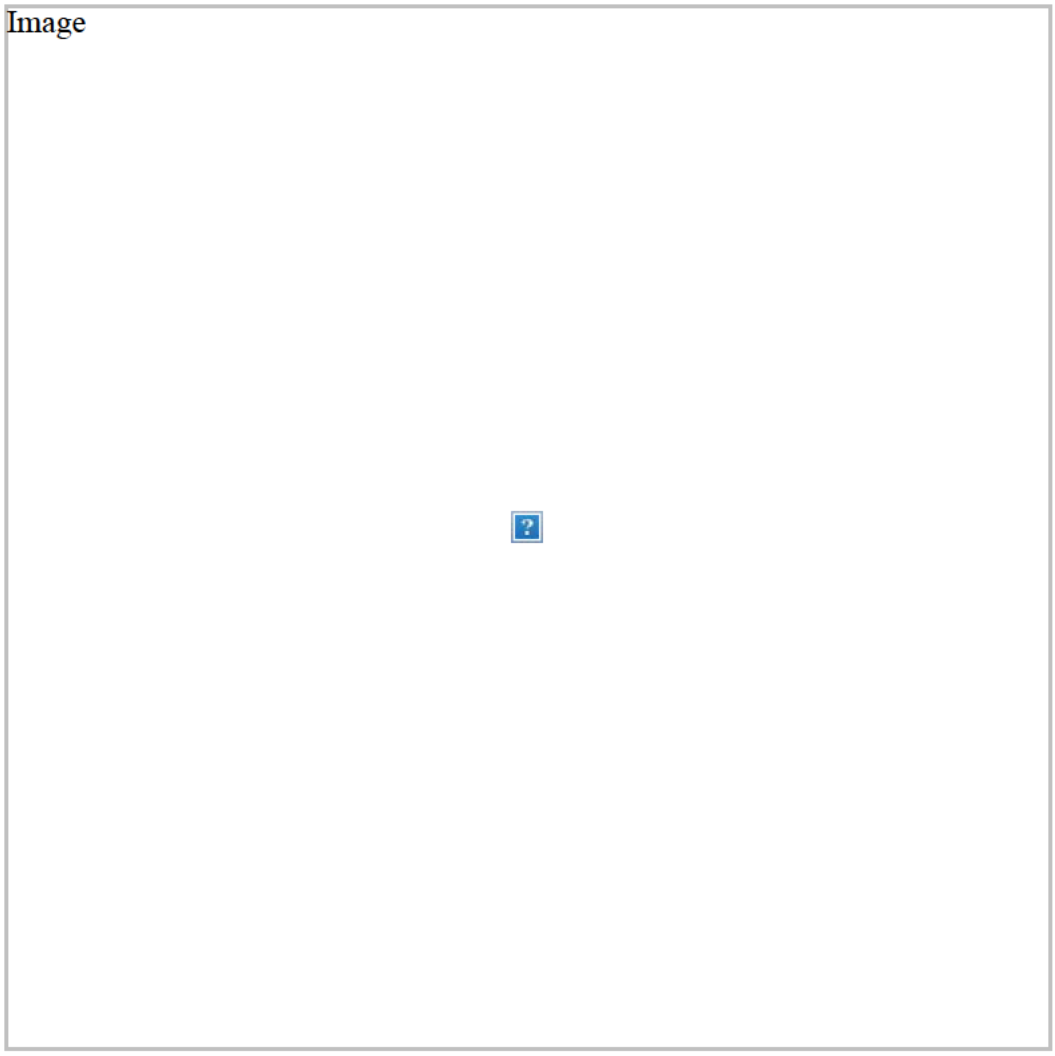
It is between these hours of 2 to 6 p.m. that youth are more likely to be arrested for assault, theft and drug-related crimes.

Quality afterschool programs have been proven to reduce these crimes in our community, keep students engaged, and improve academic performance and student behavior.

A new report from Fight Crime: Invest in Kids shows that when youth have access to high-quality, affordable afterschool programming, they benefit immensely from homework help and outdoor activities, and they're less likely to commit or become victims of crime.

Australia's government is floating an idea to scan internet users' faces before they can watch porn online

Image



Australia's Department of Home Affairs has touted an idea to use facial recognition software in order to verify internet users

ages before they can access pornography or gambling websites.

In its parliamentary submission, the department says that its Document Verification Service and Face Verification Service — though broadly intended to be used as systems for fighting crime and identity theft — could also be used by police for age verification controls.

"This could assist in age verification, for example by preventing a minor from using their parent's driver licence to circumvent age verification controls," the submission states.

"Whilst they are primarily designed to prevent identity crime, Home Affairs would support the increased use of the Document and Face Verification Services across the Australian economy to strengthen age verification processes."

Police turn to hackers in Australia's first crowdsourced attempt to find missing people

Image

For decades the traditional 'missing person' poster has been used to enlist the community's help to find individuals who may be in danger.

But with more than 2,600 Australians now listed as a "long-term" disappearance, the federal police are trying what they hope will be a more successful tactic: turning the search into a game.

More than 350 internet sleuths and "ethical hackers" — hobbyists and professionals — gathered at 10 locations around the country on Friday in a national missing-persons "hackathon".

The aim was to generate leads for 12 of Australia's most frustrating cold cases, using sophisticated but legal methods of trawling the internet.

And organisers said the results were astounding: 100 leads

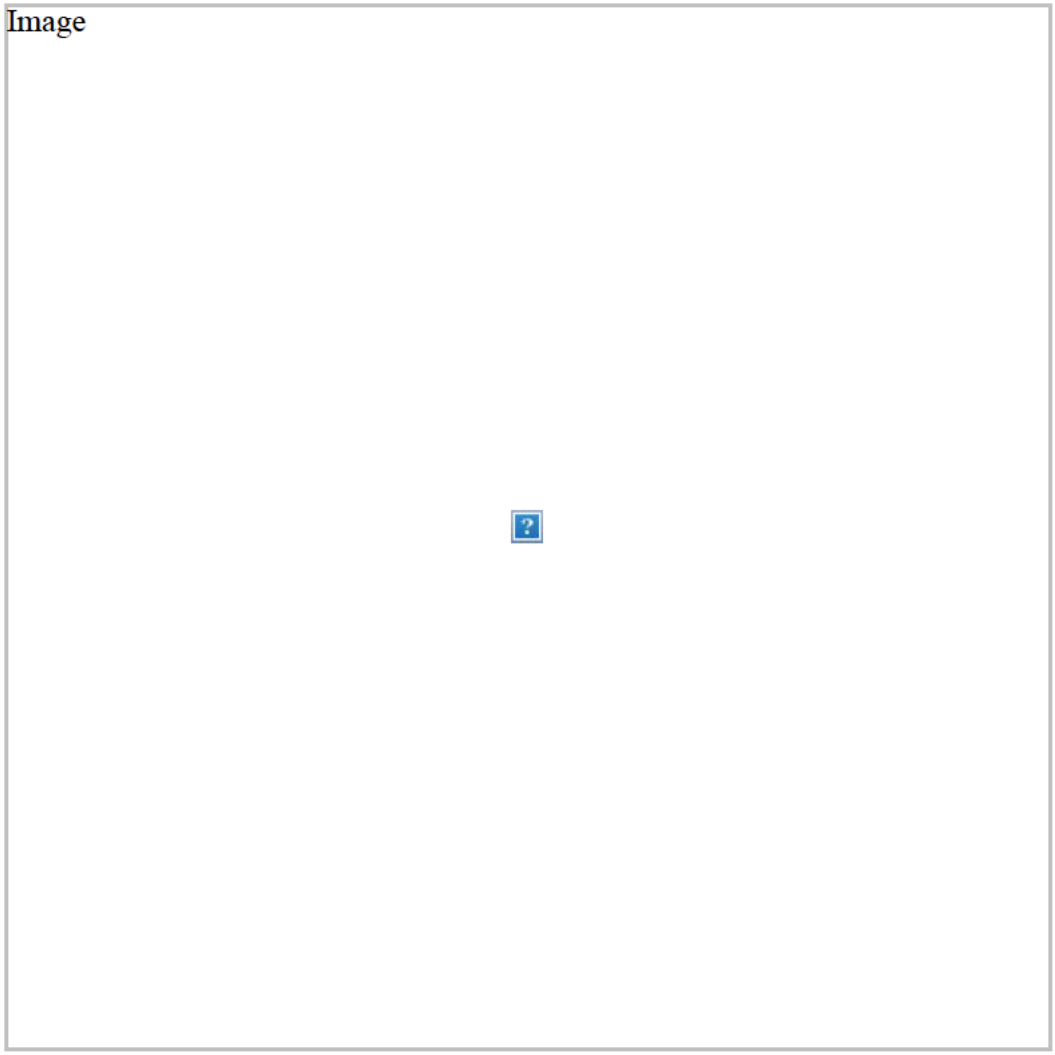
were generated every 10 minutes the competing teams worked.

Police overseas have used crowdsourcing in the past for help with isolated cases, aided by these largely voluntary "open-source intelligence" (OSINT) enthusiasts.

But Linda Cavanagh, of the Canberra Cyber Security Innovation Node, said the Australian event was the first of its kind to be deployed on a national scale.

10 of the Best Tools to Find Relevant Influencers on Social Media

Image



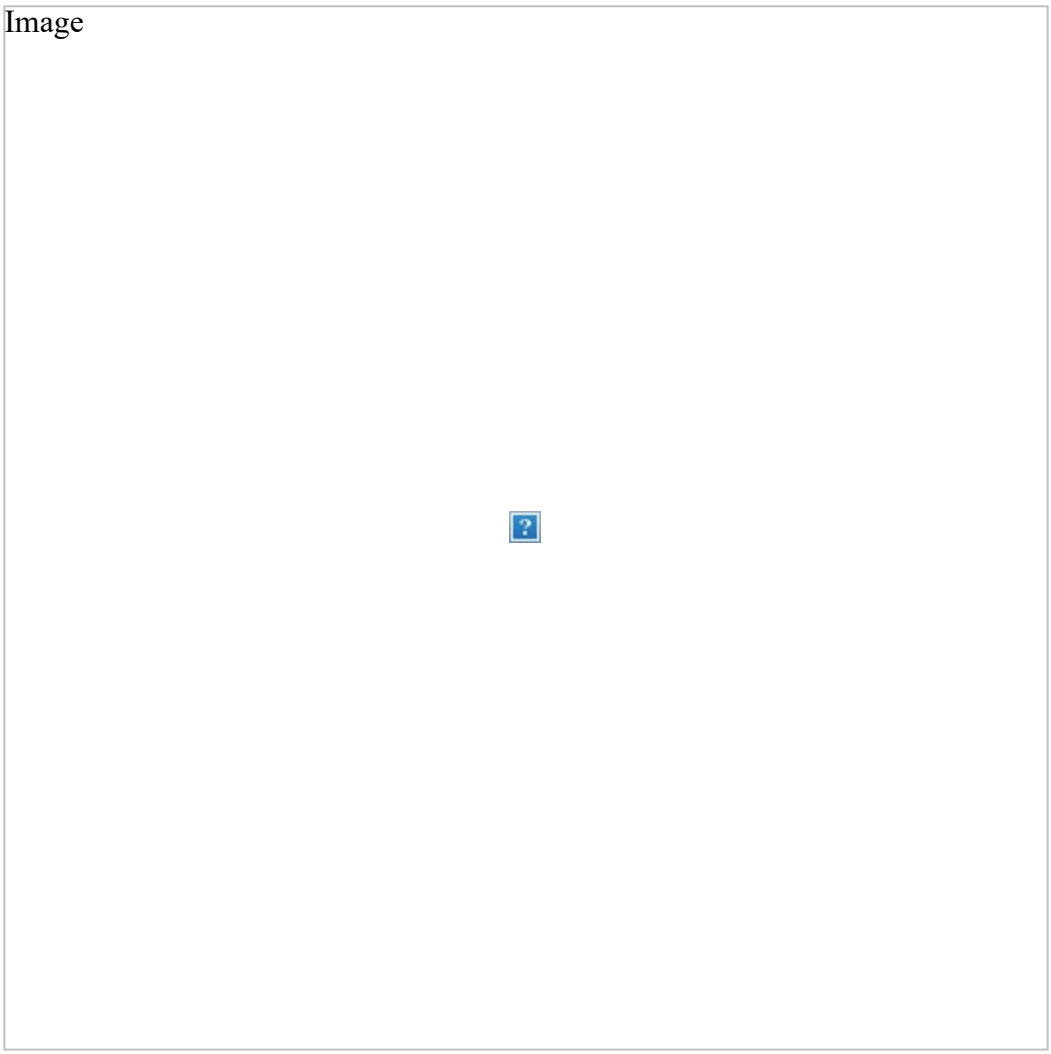
While it's become a much bigger consideration in recent years, influencer marketing, as a practice, has actually existed for a very long time. In the past, however, influencers were only on

TV or in magazines, and unlike social media, TV and newspapers are limited, which led to a situation where a select number of celebrities were able to charge tons of money for making an ad for Pepsi or Swatch in order to influence consumer behavior.

With the birth of social platforms, everything changed. The Internet has no limits, there can be as many influencers as the world requires. They can be of any age and social status, and in any area of expertise (or no area of expertise). And they can work with any brand.

How Your Volunteering Trip Could Contribute To Human Trafficking

Image



The advent of cheap air travel and Instragammable holiday

photos, combined with a longing for meaning, has created a new breed of traveler: the voluntourist. This ever-growing trend describes people, most often young and affluent Westerners, who travel to the global South to help with community projects.

While no doubt sweetly intentioned, there is considerable concern over the fad of "voluntourism" and whether it does more harm than good for the communities in developing countries – especially when it involves children or work at an orphanage. On the surface of the problem, it's questionable whether treating the developing world as a playground is an effective model to address systemic poverty and care for vulnerable children.

An anthropological study published in the Journal of Sustainable Tourism has shown how volunteer programs can actually contribute towards a superficial understanding of poverty that distracts from the larger systems that produce inequality and poverty. Through a series of in-depth interviews with young people from the US who volunteered in Malawi, they found their volunteer work was often carried out through a colonial and "mythologized" image of a helpless Africa needing the benevolence of the West. The volunteers also viewed African poverty in terms of the "American Dream" and the idea of pulling oneself out of poverty through hard work, as opposed to deep-rooted economic, social, and historical factors at play.

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If you have an article you would like to see featured in this publication please contact Brian Gray at intelligenceanalysis@mac.com

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AUGUST

18-19 | 2019 August Board of Directors Meeting
Omaha, NE

18 | 2019 August Industry Advisory Board Meeting
Omaha, NE

SEPTEMBER

11-12 | 2019 September State to State User Group Meeting
Orlando, FL

11-12 | 2019 September NDR Working Group Meeting
Savannah, GA

17-18 | 2019 September Imported Vehicles Working Group
Buffalo, NY

Annual International Conference Next Week

AIC_2019_Logo_WEB.jpg

AAMVA's 2019 Annual International Conference (AIC) takes place next week, August 20-22, in Omaha, Nebraska! Register online today! The conference provides an opportunity for you and your peers to discuss relevant driver's license, motor vehicle and law enforcement related issues. As with every AAMVA conference, the ability to network is one of the most beneficial experiences, and this year's AIC provides several networking opportunities, as well as interactive learning opportunities. Jurisdiction attendees will learn about the successes and challenges of others, share ideas, build relationships, and discover the many products and services provided by our industry partners that can assist in your mission. Industry attendees will have the opportunity to meet with key players in the driver's license, motor vehicle and law enforcement arenas. Visit the 2019 AIC Website for more information and to register!

Minnesota to Join State-to-State Verification Service (S2S)

Minnesota will begin using AAMVA's State-to-State Verification Service (S2S) on Monday, September 30, 2019. Tasks related to on-boarding Minnesota will be conducted during the weekend of September 28, 2019. During this process (Saturday evening to Monday morning), there may be periods during which the CDLIS/S2S Central Site is in inquiry-only mode or is unavailable (over and above the regularly scheduled maintenance window of 2:00 AM ET to 5:00 AM ET on Sunday, September 27, 2019). AAMVA is taking all steps possible to minimize service interruptions and will be sending alerts notifying states of Central Site availability throughout the process. Read more here.

Maryland Is Latest Testing Ground for Tech Aimed at Drunken Driving

Maryland officials are testing new technology installed in vehicles that prevents the car from moving if the driver's had too much to drink. The Driver Alcohol Detection System for Safety analyzes the driver's breath — there's no need for a separate device — and if the sensors in the vehicle pick up a given level of alcohol, the engine will turn over, but the car won't move. By allowing the car to start, the driver can then charge their phone and call a cab or a ride-hailing service. Read more at wtop.com.

As Real ID Deadline Approaches, MD Lawmaker Introduces Emergency Legislation to Protect Drivers (Maryland)

A Maryland lawmaker is working to introduce emergency legislation to address what

18-19 | 2019 September Foreign Reciprocity Resource Guide Working Group Meeting
Denver, CO

24-28 | 2019 September CDLIS Working Group Meeting
Denver, CO

25-26 | 2019 September Autonomous Vehicles Working Group Meeting
Pittsburgh, PA

***Register for the following training sessions HERE.**

AUGUST

20 | UNI Basics (basic)

21 | UNI Advanced A (advanced)

22 | SPEXS Bulk Load (intermediate)

SEPTEMBER - CDLIS

17 | CDLIS Reports Timeliness (intermediate)

18 | CDLIS Reports Data Quality (intermediate)

19 | CD90.4.1 Out-of State Transaction as SOR Reports (advanced)

24 | CDLIS Reports Identifying Potential Issues SDLA (advanced)

25 | CDLIS Reports Identifying Potential Issues Qtrl OP (advanced)

SEPTEMBER - PDPS

24 | PDPS Broken Pointer Management (intermediate)

25 | PDPS Clean File Processing (intermediate)

26 | PDPS Identity Correction (intermediate)

SEPTEMBER - SPEXS

9 | SPEXS Overview (basic)

10 | SPEXS Transactions AMIE (intermediate)

could be a serious problem for drivers who haven't gotten their Real ID licenses. Del. Eric Ebersole (D-Baltimore, Howard) introduced emergency legislation that would require officers to give drivers a legal document that would still allow them to drive to pick up a Real ID. The law could go into effect as soon as next year, but enforcement begins Oct. 1, 2020. Read more at marylandmatters.org.

MD Recalls 8,000 Real ID Driver's Licenses (Maryland)

If you're heading out on the road, double check your license before getting behind the wheel. The Maryland MVA has recalled the driver's licenses of 8,000 residents because they failed to meet requirements to be in compliance with the Real ID Act. Maryland officials said Thursday 8,000 drivers whose licenses have been recalled are among the first group of customers who failed to present required documentation by early July for a Real ID. Read more at baltimore.cbslocal.com.

How One City Saved $5 Million by Routing School Buses With an Algorithm (Massachusetts)

The yellow school bus has remained largely unchanged since it first debuted in 1939. But while the buses look the same, their routes have grown infinitely more complex in the past 80 years, as the number of students, schools, and road systems grow and change...In 2017, the district was facing serious challenges. On a per-pupil basis, BPS had the highest transportation costs in the country, around $2,000 per student per year, representing 10% of the district's budget. The schools dealt with rising costs each year, despite declining ridership. Read more at routefifty.com.

Massachusetts Registry Holds Annual Low Number Plate Lottery

The Massachusetts Registry of Motor Vehicles is holding its annual lottery for much sought-after low number vehicle license plates. Entries are being accepted online until Aug. 23. Mailed entries must be postmarked by that date. The winners will be announced Sept. 15. Read more at wwlp.com.

More Licenses Suspended as RMV Backtracking Continues (Massachusetts)

The Registry of Motor Vehicles suspended the licenses of more than 800 additional drivers in its ongoing review of potential missed violations, with thousands more requiring additional examination, officials said in a status update Thursday. More than 2,400 Massachusetts residents have now had their permission to drive revoked in the past six weeks based on out-of-state violations that the RMV, spurred into action in the wake of a fatal crash, previously failed to handle. Read more at wbur.org.

License Plates From Trash Helped NYC Worker Duck Tolls: Officials (New York)

One car's trash was this man's treasure. A New York City sanitation worker used license plates plucked from the garbage to dodge thousands of dollars in tickets and tolls, authorities said Wednesday...The 45-year-old worker was arrested Wednesday and the plates were found on his car in the Brooklyn garage where he worked, officials said. He's charged with grand larceny and obstructing governmental administration, the DOI said...The penalties could not be collected because the plates were not registered to any vehicle, according to the DOI. Read more at patch.com.

Lawmakers Might Bring Back License Plate Stickers With a New Twist (Pennsylvania)

The state House Transportation Committee is considering a bill to reinstate those little vehicle registration stickers on Pennsylvania license plates...The state eliminated the registration sticker requirement in January 2017 as part of a transportation funding bill approved in 2014. The Pennsylvania Department of Transportation said the move would save $3.1 million annually in the cost of producing the stickers and mailing them to vehicle owners. Read more at post-gazette.com.

PA License Plate Readers Gain Support for Their Use in Crime-Fighting, but Bill Would Address Privacy Concerns

11 | SPEXS Transactions NIEM (intermediate)

12 | SPEXS Batch Inquiry (intermediate)

13 | SPEXS Bulk Load (intermediate)

16 | SPEXS WEB UI and Reports (intermediate)

17 | SPEXS SPM (intermediate)

REGISTER ONLINE!



AUGUST

20 | NMVTIS State Web Interface (SWI) – How to Correct Title and Brand Data on the Central Site

22 | NMVTIS Suspense Resolution for Online States (AMIE Version) – Part 2

27 | NMVTIS State Web Interface (SWI) – Instant Title Verification Using the VIN Search Feature

28 | NMVTIS Suspense Resolution for Online States (Web Service Version) – Part 2

SEPTEMBER

5 | NMVTIS Suspense Resolution for Online States (Web Service Version) – Part 1

12 | NMVTIS Suspense Resolution for Online States (Web Service Version) – Part 2

17 | NMVTIS State Web Interface (SWI) – How to Correct Title and Brand Data on the Central Site

19 | NMVTIS Suspense Resolution for Online States (AMIE Version) – Part 1

24 | NMVTIS State Web Interface (SWI) – Instant Title Verification Using the VIN Search Feature

26 | NMVTIS Suspense Resolution for Online States (AMIE Version) – Part 2

REGISTER ONLINE!



(Pennsylvania)

Police departments across the state use specialized cameras to automatically read license plates. Officers say the cameras are a boon to law enforcement, but lawmakers want to make sure the data they capture doesn't fall into the wrong hands. There are no current guidelines as to how automated license plate readers, or ALPRs, are used in the state. Rep. Greg Rothman, R-Cumberland County, says he hopes to not only manage their use but also set up a statewide database where law enforcement would store and share data, which has the potential to improve crime-solving. Read more at pennlive.com.



Hands-Free Law: Is It Working? GA Highway Safety Discusses at Conference (Georgia)

Allen Poole who is the director of the Governor's Office of Highway Safety had a message for hundreds of law enforcement officers Monday in Savannah. As he opened a three-day safety conference, he said decreasing traffic deaths is possible. After an increase in the number of traffic fatalities between 2014 and 2016, Poole says there is now a downward trend. He and other safety experts attribute at least part of that to the Georgia Hands-Free Law that became law in July of 2018. Read more at wsav.com.

Georgia Highway Becomes Testbed for Connected Vehicles

A stretch of Interstate highway in Georgia will mark one of the latest developments of connected vehicle infrastructure and technology. The Ray, a section of Interstate 85 in southern Georgia, will be outfitted with connected vehicle technologies as part of a two-year project organized by the Georgia Department of Transportation, Panasonic and The Ray, a stretch of highway named after Ray C. Anderson, a Georgia business leader in green energy. The roadway is a testing ground for innovation in sustainability and transportation. Read more at govtech.com.

Born 'Unnamed,' SC Man Hits Legal Snag to Get Real ID. He's Not Alone (South Carolina)

Clinkscales, who turns 66 in November, had no idea he was about to embark on a months-long process to get his ID, which would lead to him hiring an attorney and waiting for a judge...Clinkscales' case is far from unusual in South Carolina, particularly for minorities and low-income South Carolinians, legal professionals familiar with these cases say...S.C. Department of Motor Vehicles' chief Kevin Shwedo said his agency is working aggressively to help South Carolinians who can't get their REAL ID. Aside from personally attempting to connect people with resources to get one, Shwedo said Motor Vehicles also has taken part in phone banking with at least one television news station and plans to do the same with others across the state very soon. Read more at thestate.com.

TxDOT Details What Caused Most of the Fatal Crashes in 2018 (Texas)

More than 3,600 people died on Texas roadways in 2018, according to data recently released by the Texas Department of Transportation. In a series of reports, TxDOT officials detailed what they call 'contributing factors' in the spate of deadly wrecks, which is essentially a list of things that caused each wreck. One fatal wreck can have multiple contributing factors, such as falling asleep or driving while intoxicated. Read more at msn.com.

VA Man Pleads Guilty to Scheme to Provide Fake Maryland Driver's Licenses to Applicants (Virginia)

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This Hacker Made Clothes That Can Confuse Automatic License Plate Readers

In a future where everything is surveilled by computer vision algorithms, even the patterns on our clothing can be subversive. Digital security professional and fashion designer Kate Rose doesn't just design textile patterns. She sullies the databases gathered by license plate readers by creating clothes covered in fake license plates. If you've ever gotten a traffic ticket in the mail—sometimes complete with a photo of your vehicle, with yourself and passengers looking stunned in the front seat—your car has likely encountered an Automatic License Plate Reader, or ALPR. Read more at vice.com.

Like the Biker a Catasauqua Trucker Allegedly Hit on Purpose, Some Motorcyclists Say They Have Targets on Their Backs

Santos, a barber from Lower Saucon Township, likes the wind in his face as much as any biker, but he tries to be considerate of other motorists — yielding, signaling lane changes, keeping his distance to the extent possible in the Lehigh Valley's heavy traffic. It's a matter of self-preservation. Santos said more than a few car and truck drivers seem to have an inborn resentment toward motorcyclists. So when he read about the Catasauqua truck driver accused of intentionally ramming a motorcyclist whose driving annoyed him, he was bothered but not surprised. According to court records, motorcyclist Paul A. Entler suffered a collapsed lung, multiple broken ribs and a broken leg last week when 54-year-old Matthew E. Dietrich allegedly swerved into him at Race Street and Willowbrook Road in Hanover Township, Lehigh County. Police said Dietrich admitted hitting Entler deliberately because he thought the biker was driving carelessly. Read more at mcall.com.

@AAMVAConnection has been watching the twitter feed and decided to highlight some of the tweets here. Links are provided within most of the tweets, and we have also provided a link to each tweet as well. Note that you do not have to have an account or sign in to Twitter to view the message posts, images associated with the post, and the reach of the message (retweets, favorited, etc.).

Stay on top of the chatter in the MVA and LE community. You may be surprised at what you're missing! Follow @AAMVAConnection.

Check out recent @AAMVAConnection Twitter action.

*****Thank you for the @AAMVAConnection mentions!*****

CVSA @CVSA | View the Tweet

Here they are. Here's your first look at the 51 inspectors who will compete this week to earn the ultimate honor, the 2019 #NAIC Grand Champion Award. One of these inspectors will be this year's winner. Who will it be?

cvsa.jpg?r=1565979639676

MD State Police @MDSP | View the Tweet

Recent motorcycle crashes are prompting @mdsp to issue a reminder for both motorcyclists and other drivers to take precautions, especially during the remaining warm weather months. Since 7/28, troopers have responded to 6 fatal motorcycle crashes. READ >> https://bit.ly/2KxqhEu

mdsp.jpg?r=1565979692364

MD_MVA @MD_MVA | View the Tweet

Administrator Nizer and Governor Hogan demonstrated the Driver Alcohol System for Safety at #MACOcon. #MDOTInnovates

Learn more in our newsroom: http://bit.ly/2KPpfm2

md_mva.png?r=1565979771629

New Jersey MVC @NJ_MVC | View the Tweet

The Garden State's #Spanishspeaking community has a strong ally in the NJMVC. Chief @SueFulton in her report to MVC Board puts some #salsa on plans to build on successful Spanish language outreach – using everything from #socialmedia to #drivermanuals.

nj_mvc.png?r=1565979857145

NYS DMV @nysdmv | View the Tweet

The family of Colonie teen Niko DiNovo joined @NYSGTSC, DMV, @STOPDWINewYork, and law enforcement to help kick off the annual "Drive Sober or Get Pulled Over" impaired driving crackdown. The statewide campaign runs from Aug 14 thru Sept 2. Read more here https://dmv.ny.gov/press-release/press-release-08-13-2019 ...

nysdmv.png?r=1565979937067

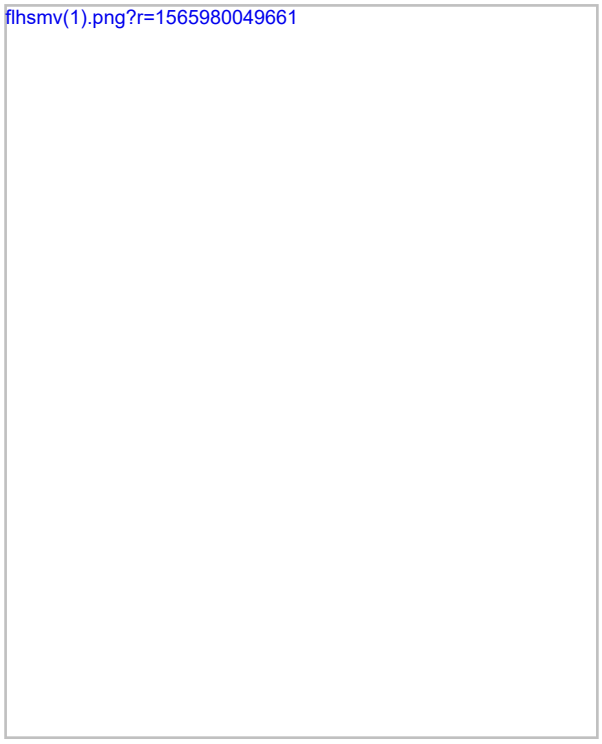
VermontDMV @VTDMV | View the Tweet

Manual Monday: Did you know we have an interactive version of our Drivers Manual? Check it out here: https://dmv.vermont.gov/licenses/driver-training/DriveVT ...

vtdmv.jpg?r=1565979997474

FLHSMV @FLHSMV | View the Tweet

On August 15, 1969, Neil Kirkman was appointed by Governor Kirk as the first Executive Director of @FLHSMV when the Depts. of Motor Vehicles and Public Safety were merged. Previously Director of #FHP, Neil Kirkman retired in 1970 after 25 years of service. #TBT #BehindTheDrive



Georgia DDS @GeorgiaDDS | View the Tweet

Our Contact Center has seen a Service Level increased from 82.25% in April 2019 to over 87% in June 2019. The team received a Commissioner's Customer Service Award for their hard work, dedication, and determination to exceeding agency expectations. #ThankYou



Iowa State Patrol @iowastatepatrol | View the Tweet

Who says you have to be a kid to enjoy the big slide at the Iowa State Fair??

Several members of the Iowa State Patrol took a few minutes out of their day to have some fun!

Photo Credit: Dan Ponxs
@IowaStateFair



KansasDOT @DriveSafeKansas | View the Tweet

Today we kicked off the 2019 You Drink. You Drive. You Lose. impaired driving enforcement campaign. Always find a safe and sober way to your destination. #DriveSober @kshighwaypatrol @NHTSAgov



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From: regionalnews@aamva.org
To: Panacopoulos, Laurie (POL)
Subject: AAMVA"s Regional News for August 16, 2019
Date: Friday, August 16, 2019 5:06:18 PM

August 16, 2019

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AUGUST

18-19 | 2019 August Board of Directors Meeting
Omaha, NE

18 | 2019 August Industry Advisory Board Meeting
Omaha, NE

SEPTEMBER

11-12 | 2019 September State to State User Group Meeting
Orlando, FL

11-12 | 2019 September NDR Working Group Meeting
Savannah, GA

17-18 | 2019 September Imported Vehicles Working Group
Buffalo, NY

Annual International Conference Next Week

AIC_2019_Logo_WEB.jpg

AAMVA's 2019 Annual International Conference (AIC) takes place next week, August 20-22, in Omaha, Nebraska! Register online today! The conference provides an opportunity for you and your peers to discuss relevant driver's license, motor vehicle and law enforcement related issues. As with every AAMVA conference, the ability to network is one of the most beneficial experiences, and this year's AIC provides several networking opportunities, as well as interactive learning opportunities. Jurisdiction attendees will learn about the successes and challenges of others, share ideas, build relationships, and discover the many products and services provided by our industry partners that can assist in your mission. Industry attendees will have the opportunity to meet with key players in the driver's license, motor vehicle and law enforcement arenas. Visit the 2019 AIC Website for more information and to register!

Minnesota to Join State-to-State Verification Service (S2S)

Minnesota will begin using AAMVA's State-to-State Verification Service (S2S) on Monday, September 30, 2019. Tasks related to on-boarding Minnesota will be conducted during the weekend of September 28, 2019. During this process (Saturday evening to Monday morning), there may be periods during which the CDLIS/S2S Central Site is in inquiry-only mode or is unavailable (over and above the regularly scheduled maintenance window of 2:00 AM ET to 5:00 AM ET on Sunday, September 27, 2019). AAMVA is taking all steps possible to minimize service interruptions and will be sending alerts notifying states of Central Site availability throughout the process. Read more here.

Maryland Is Latest Testing Ground for Tech Aimed at Drunken Driving

Maryland officials are testing new technology installed in vehicles that prevents the car from moving if the driver's had too much to drink. The Driver Alcohol Detection System for Safety analyzes the driver's breath — there's no need for a separate device — and if the sensors in the vehicle pick up a given level of alcohol, the engine will turn over, but the car won't move. By allowing the car to start, the driver can then charge their phone and call a cab or a ride-hailing service. Read more at wtop.com.

As Real ID Deadline Approaches, MD Lawmaker Introduces Emergency Legislation to Protect Drivers (Maryland)

A Maryland lawmaker is working to introduce emergency legislation to address what

18-19 | 2019 September Foreign Reciprocity Resource Guide Working Group Meeting
Denver, CO

24-28 | 2019 September CDLIS Working Group Meeting
Denver, CO

25-26 | 2019 September Autonomous Vehicles Working Group Meeting
Pittsburgh, PA

***Register for the following training sessions HERE.**

AUGUST

20 | UNI Basics (basic)

21 | UNI Advanced A (advanced)

22 | SPEXS Bulk Load (intermediate)

SEPTEMBER - CDLIS

17 | CDLIS Reports Timeliness (intermediate)

18 | CDLIS Reports Data Quality (intermediate)

19 | CD90.4.1 Out-of State Transaction as SOR Reports (advanced)

24 | CDLIS Reports Identifying Potential Issues SDLA (advanced)

25 | CDLIS Reports Identifying Potential Issues Qtrl OP (advanced)

SEPTEMBER - PDPS

24 | PDPS Broken Pointer Management (intermediate)

25 | PDPS Clean File Processing (intermediate)

26 | PDPS Identity Correction (intermediate)

SEPTEMBER - SPEXS

9 | SPEXS Overview (basic)

10 | SPEXS Transactions AMIE (intermediate)

could be a serious problem for drivers who haven't gotten their Real ID licenses. Del. Eric Ebersole (D-Baltimore, Howard) introduced emergency legislation that would require officers to give drivers a legal document that would still allow them to drive to pick up a Real ID. The law could go into effect as soon as next year, but enforcement begins Oct. 1, 2020. Read more at marylandmatters.org.

MD Recalls 8,000 Real ID Driver's Licenses (Maryland)

If you're heading out on the road, double check your license before getting behind the wheel. The Maryland MVA has recalled the driver's licenses of 8,000 residents because they failed to meet requirements to be in compliance with the Real ID Act. Maryland officials said Thursday 8,000 drivers whose licenses have been recalled are among the first group of customers who failed to present required documentation by early July for a Real ID. Read more at baltimore.cbslocal.com.

How One City Saved $5 Million by Routing School Buses With an Algorithm (Massachusetts)

The yellow school bus has remained largely unchanged since it first debuted in 1939. But while the buses look the same, their routes have grown infinitely more complex in the past 80 years, as the number of students, schools, and road systems grow and change...In 2017, the district was facing serious challenges. On a per-pupil basis, BPS had the highest transportation costs in the country, around $2,000 per student per year, representing 10% of the district's budget. The schools dealt with rising costs each year, despite declining ridership. Read more at routefifty.com.

Massachusetts Registry Holds Annual Low Number Plate Lottery

The Massachusetts Registry of Motor Vehicles is holding its annual lottery for much sought-after low number vehicle license plates. Entries are being accepted online until Aug. 23. Mailed entries must be postmarked by that date. The winners will be announced Sept. 15. Read more at wwlp.com.

More Licenses Suspended as RMV Backtracking Continues (Massachusetts)

The Registry of Motor Vehicles suspended the licenses of more than 800 additional drivers in its ongoing review of potential missed violations, with thousands more requiring additional examination, officials said in a status update Thursday. More than 2,400 Massachusetts residents have now had their permission to drive revoked in the past six weeks based on out-of-state violations that the RMV, spurred into action in the wake of a fatal crash, previously failed to handle. Read more at wbur.org.

License Plates From Trash Helped NYC Worker Duck Tolls: Officials (New York)

One car's trash was this man's treasure. A New York City sanitation worker used license plates plucked from the garbage to dodge thousands of dollars in tickets and tolls, authorities said Wednesday...The 45-year-old worker was arrested Wednesday and the plates were found on his car in the Brooklyn garage where he worked, officials said. He's charged with grand larceny and obstructing governmental administration, the DOI said...The penalties could not be collected because the plates were not registered to any vehicle, according to the DOI. Read more at patch.com.

Lawmakers Might Bring Back License Plate Stickers With a New Twist (Pennsylvania)

The state House Transportation Committee is considering a bill to reinstate those little vehicle registration stickers on Pennsylvania license plates...The state eliminated the registration sticker requirement in January 2017 as part of a transportation funding bill approved in 2014. The Pennsylvania Department of Transportation said the move would save $3.1 million annually in the cost of producing the stickers and mailing them to vehicle owners. Read more at post-gazette.com.

PA License Plate Readers Gain Support for Their Use in Crime-Fighting, but Bill Would Address Privacy Concerns

11 | SPEXS Transactions NIEM (intermediate)

12 | SPEXS Batch Inquiry (intermediate)

13 | SPEXS Bulk Load (intermediate)

16 | SPEXS WEB UI and Reports (intermediate)

17 | SPEXS SPM (intermediate)

REGISTER ONLINE!

AUGUST

20 | NMVTIS State Web Interface (SWI) – How to Correct Title and Brand Data on the Central Site

22 | NMVTIS Suspense Resolution for Online States (AMIE Version) – Part 2

27 | NMVTIS State Web Interface (SWI) – Instant Title Verification Using the VIN Search Feature

28 | NMVTIS Suspense Resolution for Online States (Web Service Version) – Part 2

SEPTEMBER

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(Pennsylvania)

Police departments across the state use specialized cameras to automatically read license plates. Officers say the cameras are a boon to law enforcement, but lawmakers want to make sure the data they capture doesn't fall into the wrong hands. There are no current guidelines as to how automated license plate readers, or ALPRs, are used in the state. Rep. Greg Rothman, R-Cumberland County, says he hopes to not only manage their use but also set up a statewide database where law enforcement would store and share data, which has the potential to improve crime-solving. Read more at pennlive.com.

Hands-Free Law: Is It Working? GA Highway Safety Discusses at Conference (Georgia)

Allen Poole who is the director of the Governor's Office of Highway Safety had a message for hundreds of law enforcement officers Monday in Savannah. As he opened a three-day safety conference, he said decreasing traffic deaths is possible. After an increase in the number of traffic fatalities between 2014 and 2016, Poole says there is now a downward trend. He and other safety experts attribute at least part of that to the Georgia Hands-Free Law that became law in July of 2018. Read more at wsav.com.

Georgia Highway Becomes Testbed for Connected Vehicles

A stretch of Interstate highway in Georgia will mark one of the latest developments of connected vehicle infrastructure and technology. The Ray, a section of Interstate 85 in southern Georgia, will be outfitted with connected vehicle technologies as part of a two-year project organized by the Georgia Department of Transportation, Panasonic and The Ray, a stretch of highway named after Ray C. Anderson, a Georgia business leader in green energy. The roadway is a testing ground for innovation in sustainability and transportation. Read more at govtech.com.

Born 'Unnamed,' SC Man Hits Legal Snag to Get Real ID. He's Not Alone (South Carolina)

Clinkscales, who turns 66 in November, had no idea he was about to embark on a months-long process to get his ID, which would lead to him hiring an attorney and waiting for a judge...Clinkscales' case is far from unusual in South Carolina, particularly for minorities and low-income South Carolinians, legal professionals familiar with these cases say...S.C. Department of Motor Vehicles' chief Kevin Shwedo said his agency is working aggressively to help South Carolinians who can't get their REAL ID. Aside from personally attempting to connect people with resources to get one, Shwedo said Motor Vehicles also has taken part in phone banking with at least one television news station and plans to do the same with others across the state very soon. Read more at thestate.com.

TxDOT Details What Caused Most of the Fatal Crashes in 2018 (Texas)

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In a future where everything is surveilled by computer vision algorithms, even the patterns on our clothing can be subversive. Digital security professional and fashion designer Kate Rose doesn't just design textile patterns. She sullies the databases gathered by license plate readers by creating clothes covered in fake license plates. If you've ever gotten a traffic ticket in the mail—sometimes complete with a photo of your vehicle, with yourself and passengers looking stunned in the front seat—your car has likely encountered an Automatic License Plate Reader, or ALPR. Read more at vice.com.

Like the Biker a Catasauqua Trucker Allegedly Hit on Purpose, Some Motorcyclists Say They Have Targets on Their Backs

Santos, a barber from Lower Saucon Township, likes the wind in his face as much as any biker, but he tries to be considerate of other motorists — yielding, signaling lane changes, keeping his distance to the extent possible in the Lehigh Valley's heavy traffic. It's a matter of self-preservation. Santos said more than a few car and truck drivers seem to have an inborn resentment toward motorcyclists. So when he read about the Catasauqua truck driver accused of intentionally ramming a motorcyclist whose driving annoyed him, he was bothered but not surprised. According to court records, motorcyclist Paul A. Entler suffered a collapsed lung, multiple broken ribs and a broken leg last week when 54-year-old Matthew E. Dietrich allegedly swerved into him at Race Street and Willowbrook Road in Hanover Township, Lehigh County. Police said Dietrich admitted hitting Entler deliberately because he thought the biker was driving carelessly. Read more at mcall.com.

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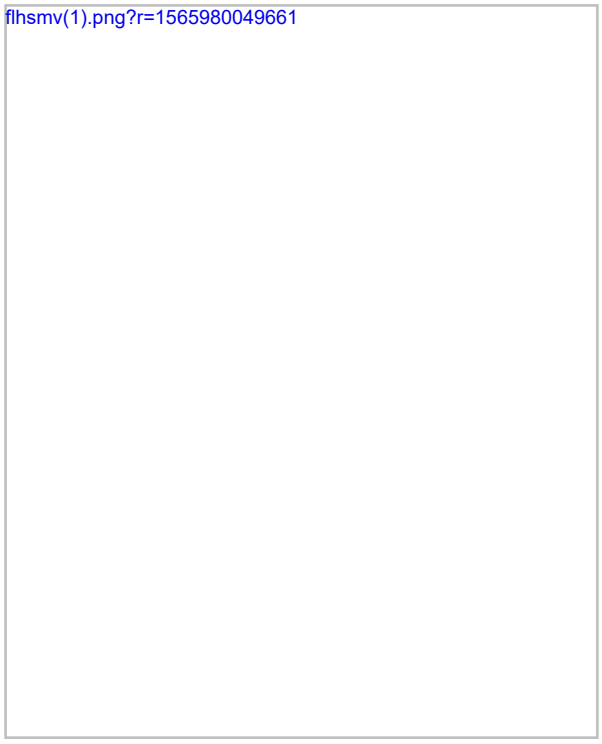
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Photo Credit: Dan Ponxs
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Annual International Conference Next Week

AIC_2019_Logo_WEB.jpg

AAMVA's 2019 Annual International Conference (AIC) takes place next week, August 20-22, in Omaha, Nebraska! Register online today! The conference provides an opportunity for you and your peers to discuss relevant driver's license, motor vehicle and law enforcement related issues. As with every AAMVA conference, the ability to network is one of the most beneficial experiences, and this year's AIC provides several networking opportunities, as well as interactive learning opportunities. Jurisdiction attendees will learn about the successes and challenges of others, share ideas, build relationships, and discover the many products and services provided by our industry partners that can assist in your mission. Industry attendees will have the opportunity to meet with key players in the driver's license, motor vehicle and law enforcement arenas. Visit the 2019 AIC Website for more information and to register!

Minnesota to Join State-to-State Verification Service (S2S)

Minnesota will begin using AAMVA's State-to-State Verification Service (S2S) on Monday, September 30, 2019. Tasks related to on-boarding Minnesota will be conducted during the weekend of September 28, 2019. During this process (Saturday evening to Monday morning), there may be periods during which the CDLIS/S2S Central Site is in inquiry-only mode or is unavailable (over and above the regularly scheduled maintenance window of 2:00 AM ET to 5:00 AM ET on Sunday, September 27, 2019). AAMVA is taking all steps possible to minimize service interruptions and will be sending alerts notifying states of Central Site availability throughout the process. Read more here.

Maryland Is Latest Testing Ground for Tech Aimed at Drunken Driving

Maryland officials are testing new technology installed in vehicles that prevents the car from moving if the driver's had too much to drink. The Driver Alcohol Detection System for Safety analyzes the driver's breath — there's no need for a separate device — and if the sensors in the vehicle pick up a given level of alcohol, the engine will turn over, but the car won't move. By allowing the car to start, the driver can then charge their phone and call a cab or a ride-hailing service. Read more at wtop.com.

As Real ID Deadline Approaches, MD Lawmaker Introduces Emergency Legislation to Protect Drivers (Maryland)

A Maryland lawmaker is working to introduce emergency legislation to address what

18-19 | 2019 September Foreign Reciprocity Resource Guide Working Group Meeting
Denver, CO

24-28 | 2019 September CDLIS Working Group Meeting
Denver, CO

25-26 | 2019 September Autonomous Vehicles Working Group Meeting
Pittsburgh, PA

***Register for the following training sessions HERE.**

AUGUST

20 | UNI Basics (basic)

21 | UNI Advanced A (advanced)

22 | SPEXS Bulk Load (intermediate)

SEPTEMBER - CDLIS

17 | CDLIS Reports Timeliness (intermediate)

18 | CDLIS Reports Data Quality (intermediate)

19 | CD90.4.1 Out-of State Transaction as SOR Reports (advanced)

24 | CDLIS Reports Identifying Potential Issues SDLA (advanced)

25 | CDLIS Reports Identifying Potential Issues Qtrl OP (advanced)

SEPTEMBER - PDPS

24 | PDPS Broken Pointer Management (intermediate)

25 | PDPS Clean File Processing (intermediate)

26 | PDPS Identity Correction (intermediate)

SEPTEMBER - SPEXS

9 | SPEXS Overview (basic)

10 | SPEXS Transactions AMIE (intermediate)

could be a serious problem for drivers who haven't gotten their Real ID licenses. Del. Eric Ebersole (D-Baltimore, Howard) introduced emergency legislation that would require officers to give drivers a legal document that would still allow them to drive to pick up a Real ID. The law could go into effect as soon as next year, but enforcement begins Oct. 1, 2020. Read more at marylandmatters.org.

MD Recalls 8,000 Real ID Driver's Licenses (Maryland)

If you're heading out on the road, double check your license before getting behind the wheel. The Maryland MVA has recalled the driver's licenses of 8,000 residents because they failed to meet requirements to be in compliance with the Real ID Act. Maryland officials said Thursday 8,000 drivers whose licenses have been recalled are among the first group of customers who failed to present required documentation by early July for a Real ID. Read more at baltimore.cbslocal.com.

How One City Saved $5 Million by Routing School Buses With an Algorithm (Massachusetts)

The yellow school bus has remained largely unchanged since it first debuted in 1939. But while the buses look the same, their routes have grown infinitely more complex in the past 80 years, as the number of students, schools, and road systems grow and change...In 2017, the district was facing serious challenges. On a per-pupil basis, BPS had the highest transportation costs in the country, around $2,000 per student per year, representing 10% of the district's budget. The schools dealt with rising costs each year, despite declining ridership. Read more at routefifty.com.

Massachusetts Registry Holds Annual Low Number Plate Lottery

The Massachusetts Registry of Motor Vehicles is holding its annual lottery for much sought-after low number vehicle license plates. Entries are being accepted online until Aug. 23. Mailed entries must be postmarked by that date. The winners will be announced Sept. 15. Read more at wwlp.com.

More Licenses Suspended as RMV Backtracking Continues (Massachusetts)

The Registry of Motor Vehicles suspended the licenses of more than 800 additional drivers in its ongoing review of potential missed violations, with thousands more requiring additional examination, officials said in a status update Thursday. More than 2,400 Massachusetts residents have now had their permission to drive revoked in the past six weeks based on out-of-state violations that the RMV, spurred into action in the wake of a fatal crash, previously failed to handle. Read more at wbur.org.

License Plates From Trash Helped NYC Worker Duck Tolls: Officials (New York)

One car's trash was this man's treasure. A New York City sanitation worker used license plates plucked from the garbage to dodge thousands of dollars in tickets and tolls, authorities said Wednesday...The 45-year-old worker was arrested Wednesday and the plates were found on his car in the Brooklyn garage where he worked, officials said. He's charged with grand larceny and obstructing governmental administration, the DOI said...The penalties could not be collected because the plates were not registered to any vehicle, according to the DOI. Read more at patch.com.

Lawmakers Might Bring Back License Plate Stickers With a New Twist (Pennsylvania)

The state House Transportation Committee is considering a bill to reinstate those little vehicle registration stickers on Pennsylvania license plates...The state eliminated the registration sticker requirement in January 2017 as part of a transportation funding bill approved in 2014. The Pennsylvania Department of Transportation said the move would save $3.1 million annually in the cost of producing the stickers and mailing them to vehicle owners. Read more at post-gazette.com.

PA License Plate Readers Gain Support for Their Use in Crime-Fighting, but Bill Would Address Privacy Concerns

11 | SPEXS Transactions NIEM (intermediate)

12 | SPEXS Batch Inquiry (intermediate)

13 | SPEXS Bulk Load (intermediate)

16 | SPEXS WEB UI and Reports (intermediate)

17 | SPEXS SPM (intermediate)

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AUGUST

20 | NMVTIS State Web Interface (SWI) – How to Correct Title and Brand Data on the Central Site

22 | NMVTIS Suspense Resolution for Online States (AMIE Version) – Part 2

27 | NMVTIS State Web Interface (SWI) – Instant Title Verification Using the VIN Search Feature

28 | NMVTIS Suspense Resolution for Online States (Web Service Version) – Part 2

SEPTEMBER

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(Pennsylvania)

Police departments across the state use specialized cameras to automatically read license plates. Officers say the cameras are a boon to law enforcement, but lawmakers want to make sure the data they capture doesn't fall into the wrong hands. There are no current guidelines as to how automated license plate readers, or ALPRs, are used in the state. Rep. Greg Rothman, R-Cumberland County, says he hopes to not only manage their use but also set up a statewide database where law enforcement would store and share data, which has the potential to improve crime-solving. Read more at pennlive.com.



Hands-Free Law: Is It Working? GA Highway Safety Discusses at Conference (Georgia)

Allen Poole who is the director of the Governor's Office of Highway Safety had a message for hundreds of law enforcement officers Monday in Savannah. As he opened a three-day safety conference, he said decreasing traffic deaths is possible. After an increase in the number of traffic fatalities between 2014 and 2016, Poole says there is now a downward trend. He and other safety experts attribute at least part of that to the Georgia Hands-Free Law that became law in July of 2018. Read more at wsav.com.

Georgia Highway Becomes Testbed for Connected Vehicles

A stretch of Interstate highway in Georgia will mark one of the latest developments of connected vehicle infrastructure and technology. The Ray, a section of Interstate 85 in southern Georgia, will be outfitted with connected vehicle technologies as part of a two-year project organized by the Georgia Department of Transportation, Panasonic and The Ray, a stretch of highway named after Ray C. Anderson, a Georgia business leader in green energy. The roadway is a testing ground for innovation in sustainability and transportation. Read more at govtech.com.

Born 'Unnamed,' SC Man Hits Legal Snag to Get Real ID. He's Not Alone (South Carolina)

Clinkscales, who turns 66 in November, had no idea he was about to embark on a months-long process to get his ID, which would lead to him hiring an attorney and waiting for a judge...Clinkscales' case is far from unusual in South Carolina, particularly for minorities and low-income South Carolinians, legal professionals familiar with these cases say...S.C. Department of Motor Vehicles' chief Kevin Shwedo said his agency is working aggressively to help South Carolinians who can't get their REAL ID. Aside from personally attempting to connect people with resources to get one, Shwedo said Motor Vehicles also has taken part in phone banking with at least one television news station and plans to do the same with others across the state very soon. Read more at thestate.com.

TxDOT Details What Caused Most of the Fatal Crashes in 2018 (Texas)

More than 3,600 people died on Texas roadways in 2018, according to data recently released by the Texas Department of Transportation. In a series of reports, TxDOT officials detailed what they call 'contributing factors' in the spate of deadly wrecks, which is essentially a list of things that caused each wreck. One fatal wreck can have multiple contributing factors, such as falling asleep or driving while intoxicated. Read more at msn.com.

VA Man Pleads Guilty to Scheme to Provide Fake Maryland Driver's Licenses to Applicants (Virginia)

A Virginia man pled guilty to a federal charge related to a scheme to provide fake Maryland driver's licenses to applicants who paid a fee. Warner Portillo, 34, of Manassas, Virginia, pled guilty to conspiracy to produce and transfer identification documents without lawful authority, specifically Maryland driver's licenses. According to his plea agreement, from at least July 2015 through March 2016, Portillo conspired with two employees of the MVA who worked in the Largo branch office, to produce and transfer Maryland driver's licenses without lawful authority. Read more at baltimore.cbslocal.com.

AUGUST

AAMVA RFQ FY19-20204 Redgate Software Renewal
August 19, 2019

AAMVA RFQ FY19-20278: Symantec Renewal
August 20, 2019

AAMVA RFQ FY19-20254: Cisco Hardware Purchase
August 20, 2019

AAMVA RFP FY20 - 20267: 2019 November IDEC & TMS Working Group Meeting
August 22, 2019

SEPTEMBER

AAMVA RFQ FY19-18610: Learning Management System (LMS) Software
September 3, 2019

AAMVA RFP No. FY21-20205: 2020 Region 1 Planning & Administrators Meeting
September 6, 2019

AAMVA RFP FY21-17941: 2021 Region 1 Conference
September 6, 2019

DMV Offices Across Nebraska Will Have Shorter Hours During September for Staff Training

Driver licensing offices across Nebraska will be closed some days or hours in September for staff training. The Nebraska Department of Motor Vehicles announced that some offices will have reduced hours, while others will close for entire days between Sept. 9 and Sept. 30. The closings will allow driver license examiners to get training on fraudulent document recognition and the latest fraud prevention techniques. It also will allow them to learn about administering the latest version of the commercial driver license and motorcycle skills tests. Read more at omaha.com.

Jail Time for Drivers Who Illegally Pass School Buses Could Soon Become Reality in Avon Lake (Ohio)

A new school year means more school buses will soon be on the roads. And while police in Avon Lake will be beefing up patrols for drivers who illegally pass school buses, one city councilman wants to put violators behind bars. If passed, Avon Lake will become the first in Northeast Ohio to add jail time for drivers [who] illegally pass school buses. Ward IV Councilman David Kos introduced the ordinance that will increase fines from $500-$750, and allow a judge to impose up to a 30-day jail sentence. Read more at fox8.com.

Ohio Freezes Most Law Enforcement Access to Facial-Recognition Analysis of Driver's License Photos

Most law enforcement agencies in Ohio will lose — at least temporarily — access to a database of roughly 21 million driver's license photos taken in the state after a decision Ohio Attorney General David Yost announced yesterday...After media reports revealed federal law enforcement practices using facial recognition software on state driver's license databases, Yost earlier this year asked for a review of the database and the way officers use it. That inquiry didn't find any improper conduct, but, before they log back on, Yost wants the roughly 4,500 officers who had access to the system trained on the current weaknesses possible with facial recognition software that could lead to gender or racial bias. Read more at citybeat.com.

This Guy Got the License Plate 'NULL' and It Was a Total Disaster (California)

A cybersecurity expert tested a galaxy-brain plan to hide his car from license plate readers and ticketing systems: registering the vanity license plate 'NULL.' His plan worked, sort of — the NULL plates definitely caused a problem within the system. But they also caused a citation processing center to send the guy, who goes by 'Droogie' in the cybersec community, $18,000 worth of parking tickets and other fines, according to Utah radio station KNRS. Droogie got the first wave of fines dismissed — but his attempt to game the system provides a whimsical warning against throwing a wrench into the mechanism of the DMV. Read more at futurism.com.

Governor Proclaims Aug. 12 'Colorado Motorcycle Memorial Day'

2019 is on pace to become one of the deadliest years on the road this decade for motorcyclists. To date, there have been 65 fatal motorcycle crashes, compared to 60 at this time last year. Since 2012, motorcycle fatalities on Colorado's roads have increased 30 percent. State officials are hoping to increase awareness about motorcycle safety, both for riders and the drivers who share the roads with them. Read more at kktv.com.

As Colorado Considers an Electric-Vehicle Mandate, Here's What to Expect

Whether Colorado becomes a zero-emission vehicle state could be decided this week, as the state Air Quality Control Commission kicks off a three-day hearing on Tuesday. If the commission decides to move forward, Colorado would become the

10th state to adopt California's ZEV policy, which requires automakers to offer a certain number of electric vehicles in those states. Read more at coloradosun.com.

Gender-Neutral Option on Washington State Driver's Licenses Gets First Public Hearing

The first of three public hearings regarding a third gender marker on Washington driver's licenses was held Monday evening. Representatives from the state's Department of Licensing heard public opinion on offering a non-binary option on driver's licenses. Under consideration is the addition of an 'X' when getting a license. The change would also affect instruction permits and state ID cards. Read more at king5.com.



Michelin's NexTraq Unit Launches Digital Safe-Driving Tool

NexTraq L.L.C., a Michelin company focused on telematics solutions, has developed a digital tool that disables drivers' smartphones and tablet screens while their vehicle is in motion. The new tool—dubbed 'MobileBlock'—was developed in partnership with SafeDrivePod International B.V., Michelin said, and is designed to help managers enforce company policies restricting unauthorized use of company-issued tablets and smartphones, thus limiting distractions. Read more at rubbernews.com.

Heidi King, Acting Head of National Highway Traffic Safety Administration Resigns

Heidi King, the acting head of the National Highway Traffic Safety Administration, has resigned, the U.S. Department of Transportation confirmed Wednesday. The deputy administrator of the nation's top traffic safety watchdog, King was awaiting Senate confirmation to permanently lead the agency. Her resignation is effective Aug. 31, according to the U.S. DOT...James Owens, U.S. DOT deputy general counsel, will replace King as deputy administrator and will serve as the agency's acting administrator, the U.S. DOT said. Read more at freep.com.

FMCSA Unveils Proposed Changes to Hours-of-Service Rules

The Federal Motor Carrier Safety Administration on Aug. 14 issued a long-awaited proposal to make changes to its hours-of-service rules that would increase truck drivers' flexibility with their 30-minute rest break and with allocating time in a sleeper berth. The proposal also would extend by two hours duty time for drivers encountering adverse weather and expand the current 100 air-mile 'shorthaul' exemption from 12 hours on-duty to 14 hours on-duty, consistent with workday rules for longhaul truck drivers. Read more at ttnews.com.

New Video Offers Tips on Sharing the Road Safely With Trucks

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This Hacker Made Clothes That Can Confuse Automatic License Plate Readers

In a future where everything is surveilled by computer vision algorithms, even the patterns on our clothing can be subversive. Digital security professional and fashion designer Kate Rose doesn't just design textile patterns. She sullies the databases gathered by license plate readers by creating clothes covered in fake license plates. If you've ever gotten a traffic ticket in the mail—sometimes complete with a photo of your vehicle, with yourself and passengers looking stunned in the front seat—your car has likely encountered an Automatic License Plate Reader, or ALPR. Read more at vice.com.

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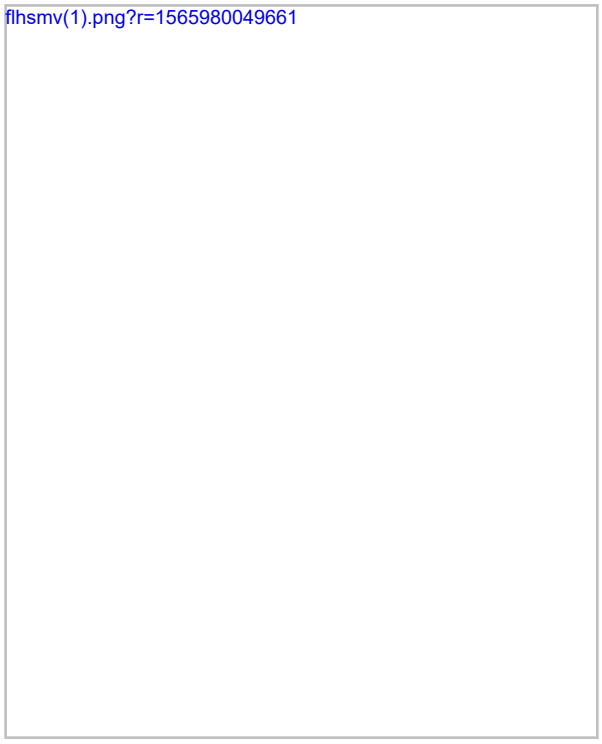
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Photo Credit: Dan Ponxs
@IowaStateFair

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Annual International Conference Next Week

AIC_2019_Logo_WEB.jpg

AAMVA's 2019 Annual International Conference (AIC) takes place next week, August 20-22, in Omaha, Nebraska! Register online today! The conference provides an opportunity for you and your peers to discuss relevant driver's license, motor vehicle and law enforcement related issues. As with every AAMVA conference, the ability to network is one of the most beneficial experiences, and this year's AIC provides several networking opportunities, as well as interactive learning opportunities. Jurisdiction attendees will learn about the successes and challenges of others, share ideas, build relationships, and discover the many products and services provided by our industry partners that can assist in your mission. Industry attendees will have the opportunity to meet with key players in the driver's license, motor vehicle and law enforcement arenas. Visit the 2019 AIC Website for more information and to register!

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(Pennsylvania)

Police departments across the state use specialized cameras to automatically read license plates. Officers say the cameras are a boon to law enforcement, but lawmakers want to make sure the data they capture doesn't fall into the wrong hands. There are no current guidelines as to how automated license plate readers, or ALPRs, are used in the state. Rep. Greg Rothman, R-Cumberland County, says he hopes to not only manage their use but also set up a statewide database where law enforcement would store and share data, which has the potential to improve crime-solving. Read more at pennlive.com.

Hands-Free Law: Is It Working? GA Highway Safety Discusses at Conference (Georgia)

Allen Poole who is the director of the Governor's Office of Highway Safety had a message for hundreds of law enforcement officers Monday in Savannah. As he opened a three-day safety conference, he said decreasing traffic deaths is possible. After an increase in the number of traffic fatalities between 2014 and 2016, Poole says there is now a downward trend. He and other safety experts attribute at least part of that to the Georgia Hands-Free Law that became law in July of 2018. Read more at wsav.com.

Georgia Highway Becomes Testbed for Connected Vehicles

A stretch of Interstate highway in Georgia will mark one of the latest developments of connected vehicle infrastructure and technology. The Ray, a section of Interstate 85 in southern Georgia, will be outfitted with connected vehicle technologies as part of a two-year project organized by the Georgia Department of Transportation, Panasonic and The Ray, a stretch of highway named after Ray C. Anderson, a Georgia business leader in green energy. The roadway is a testing ground for innovation in sustainability and transportation. Read more at govtech.com.

Born 'Unnamed,' SC Man Hits Legal Snag to Get Real ID. He's Not Alone (South Carolina)

Clinkscales, who turns 66 in November, had no idea he was about to embark on a months-long process to get his ID, which would lead to him hiring an attorney and waiting for a judge...Clinkscales' case is far from unusual in South Carolina, particularly for minorities and low-income South Carolinians, legal professionals familiar with these cases say...S.C. Department of Motor Vehicles' chief Kevin Shwedo said his agency is working aggressively to help South Carolinians who can't get their REAL ID. Aside from personally attempting to connect people with resources to get one, Shwedo said Motor Vehicles also has taken part in phone banking with at least one television news station and plans to do the same with others across the state very soon. Read more at thestate.com.

TxDOT Details What Caused Most of the Fatal Crashes in 2018 (Texas)

More than 3,600 people died on Texas roadways in 2018, according to data recently released by the Texas Department of Transportation. In a series of reports, TxDOT officials detailed what they call 'contributing factors' in the spate of deadly wrecks, which is essentially a list of things that caused each wreck. One fatal wreck can have multiple contributing factors, such as falling asleep or driving while intoxicated. Read more at msn.com.

VA Man Pleads Guilty to Scheme to Provide Fake Maryland Driver's Licenses to Applicants (Virginia)

A Virginia man pled guilty to a federal charge related to a scheme to provide fake Maryland driver's licenses to applicants who paid a fee. Warner Portillo, 34, of Manassas, Virginia, pled guilty to conspiracy to produce and transfer identification documents without lawful authority, specifically Maryland driver's licenses. According to his plea agreement, from at least July 2015 through March 2016, Portillo conspired with two employees of the MVA who worked in the Largo branch office, to produce and transfer Maryland driver's licenses without lawful authority. Read more at baltimore.cbslocal.com.

AUGUST

AAMVA RFQ FY19-20204 Redgate Software Renewal
August 19, 2019

AAMVA RFQ FY19-20278: Symantec Renewal
August 20, 2019

AAMVA RFQ FY19-20254: Cisco Hardware Purchase
August 20, 2019

AAMVA RFP FY20 - 20267: 2019 November IDEC & TMS Working Group Meeting
August 22, 2019

SEPTEMBER

AAMVA RFQ FY19-18610: Learning Management System (LMS) Software
September 3, 2019

AAMVA RFP No. FY21-20205: 2020 Region 1 Planning & Administrators Meeting
September 6, 2019

AAMVA RFP FY21-17941: 2021 Region 1 Conference
September 6, 2019

DMV Offices Across Nebraska Will Have Shorter Hours During September for Staff Training

Driver licensing offices across Nebraska will be closed some days or hours in September for staff training. The Nebraska Department of Motor Vehicles announced that some offices will have reduced hours, while others will close for entire days between Sept. 9 and Sept. 30. The closings will allow driver license examiners to get training on fraudulent document recognition and the latest fraud prevention techniques. It also will allow them to learn about administering the latest version of the commercial driver license and motorcycle skills tests. Read more at omaha.com.

Jail Time for Drivers Who Illegally Pass School Buses Could Soon Become Reality in Avon Lake (Ohio)

A new school year means more school buses will soon be on the roads. And while police in Avon Lake will be beefing up patrols for drivers who illegally pass school buses, one city councilman wants to put violators behind bars. If passed, Avon Lake will become the first in Northeast Ohio to add jail time for drivers [who] illegally pass school buses. Ward IV Councilman David Kos introduced the ordinance that will increase fines from $500-$750, and allow a judge to impose up to a 30-day jail sentence. Read more at fox8.com.

Ohio Freezes Most Law Enforcement Access to Facial-Recognition Analysis of Driver's License Photos

Most law enforcement agencies in Ohio will lose — at least temporarily — access to a database of roughly 21 million driver's license photos taken in the state after a decision Ohio Attorney General David Yost announced yesterday...After media reports revealed federal law enforcement practices using facial recognition software on state driver's license databases, Yost earlier this year asked for a review of the database and the way officers use it. That inquiry didn't find any improper conduct, but, before they log back on, Yost wants the roughly 4,500 officers who had access to the system trained on the current weaknesses possible with facial recognition software that could lead to gender or racial bias. Read more at citybeat.com.

This Guy Got the License Plate 'NULL' and It Was a Total Disaster (California)

A cybersecurity expert tested a galaxy-brain plan to hide his car from license plate readers and ticketing systems: registering the vanity license plate 'NULL.' His plan worked, sort of — the NULL plates definitely caused a problem within the system. But they also caused a citation processing center to send the guy, who goes by 'Droogie' in the cybersec community, $18,000 worth of parking tickets and other fines, according to Utah radio station KNRS. Droogie got the first wave of fines dismissed — but his attempt to game the system provides a whimsical warning against throwing a wrench into the mechanism of the DMV. Read more at futurism.com.

Governor Proclaims Aug. 12 'Colorado Motorcycle Memorial Day'

2019 is on pace to become one of the deadliest years on the road this decade for motorcyclists. To date, there have been 65 fatal motorcycle crashes, compared to 60 at this time last year. Since 2012, motorcycle fatalities on Colorado's roads have increased 30 percent. State officials are hoping to increase awareness about motorcycle safety, both for riders and the drivers who share the roads with them. Read more at kktv.com.

As Colorado Considers an Electric-Vehicle Mandate, Here's What to Expect

Whether Colorado becomes a zero-emission vehicle state could be decided this week, as the state Air Quality Control Commission kicks off a three-day hearing on Tuesday. If the commission decides to move forward, Colorado would become the

10th state to adopt California's ZEV policy, which requires automakers to offer a certain number of electric vehicles in those states. Read more at coloradosun.com.

Gender-Neutral Option on Washington State Driver's Licenses Gets First Public Hearing

The first of three public hearings regarding a third gender marker on Washington driver's licenses was held Monday evening. Representatives from the state's Department of Licensing heard public opinion on offering a non-binary option on driver's licenses. Under consideration is the addition of an 'X' when getting a license. The change would also affect instruction permits and state ID cards. Read more at king5.com.



Michelin's NexTraq Unit Launches Digital Safe-Driving Tool

NexTraq L.L.C., a Michelin company focused on telematics solutions, has developed a digital tool that disables drivers' smartphones and tablet screens while their vehicle is in motion. The new tool—dubbed 'MobileBlock'—was developed in partnership with SafeDrivePod International B.V., Michelin said, and is designed to help managers enforce company policies restricting unauthorized use of company-issued tablets and smartphones, thus limiting distractions. Read more at rubbernews.com.

Heidi King, Acting Head of National Highway Traffic Safety Administration Resigns

Heidi King, the acting head of the National Highway Traffic Safety Administration, has resigned, the U.S. Department of Transportation confirmed Wednesday. The deputy administrator of the nation's top traffic safety watchdog, King was awaiting Senate confirmation to permanently lead the agency. Her resignation is effective Aug. 31, according to the U.S. DOT...James Owens, U.S. DOT deputy general counsel, will replace King as deputy administrator and will serve as the agency's acting administrator, the U.S. DOT said. Read more at freep.com.

FMCSA Unveils Proposed Changes to Hours-of-Service Rules

The Federal Motor Carrier Safety Administration on Aug. 14 issued a long-awaited proposal to make changes to its hours-of-service rules that would increase truck drivers' flexibility with their 30-minute rest break and with allocating time in a sleeper berth. The proposal also would extend by two hours duty time for drivers encountering adverse weather and expand the current 100 air-mile 'shorthaul' exemption from 12 hours on-duty to 14 hours on-duty, consistent with workday rules for longhaul truck drivers. Read more at ttnews.com.

New Video Offers Tips on Sharing the Road Safely With Trucks

The Federal Motor Carrier Safety Administration recently released a video asking motorists to drive safely and distraction-free when sharing the road with commercial motor vehicles. Created as part of FMCSA's Our Roads, Our Safety campaign, the one-minute video features testimony from Wisconsin-based truck driver Dick Pingel, a member of the board of directors for the Owner-Operator Independent Drivers Association – a partnering organization in the campaign. Read more at safetyandhealthmagazine.com.

This Hacker Made Clothes That Can Confuse Automatic License Plate Readers

In a future where everything is surveilled by computer vision algorithms, even the patterns on our clothing can be subversive. Digital security professional and fashion designer Kate Rose doesn't just design textile patterns. She sullies the databases gathered by license plate readers by creating clothes covered in fake license plates. If you've ever gotten a traffic ticket in the mail—sometimes complete with a photo of your vehicle, with yourself and passengers looking stunned in the front seat—your car has likely encountered an Automatic License Plate Reader, or ALPR. Read more at vice.com.

Like the Biker a Catasauqua Trucker Allegedly Hit on Purpose, Some Motorcyclists Say They Have Targets on Their Backs

Santos, a barber from Lower Saucon Township, likes the wind in his face as much as any biker, but he tries to be considerate of other motorists — yielding, signaling lane changes, keeping his distance to the extent possible in the Lehigh Valley's heavy traffic. It's a matter of self-preservation. Santos said more than a few car and truck drivers seem to have an inborn resentment toward motorcyclists. So when he read about the Catasauqua truck driver accused of intentionally ramming a motorcyclist whose driving annoyed him, he was bothered but not surprised. According to court records, motorcyclist Paul A. Entler suffered a collapsed lung, multiple broken ribs and a broken leg last week when 54-year-old Matthew E. Dietrich allegedly swerved into him at Race Street and Willowbrook Road in Hanover Township, Lehigh County. Police said Dietrich admitted hitting Entler deliberately because he thought the biker was driving carelessly. Read more at mcall.com.

@AAMVAConnection has been watching the twitter feed and decided to highlight some of the tweets here. Links are provided within most of the tweets, and we have also provided a link to each tweet as well. Note that you do not have to have an account or sign in to Twitter to view the message posts, images associated with the post, and the reach of the message (retweets, favorited, etc.).

Stay on top of the chatter in the MVA and LE community. You may be surprised at what you're missing! Follow @AAMVAConnection.

Check out recent @AAMVAConnection Twitter action.

*****Thank you for the @AAMVAConnection mentions!*****

CVSA @CVSA | View the Tweet

Here they are. Here's your first look at the 51 inspectors who will compete this week to earn the ultimate honor, the 2019 #NAIC Grand Champion Award. One of these inspectors will be this year's winner. Who will it be?

cvsa.jpg?r=1565979639676

MD State Police @MDSP | View the Tweet

Recent motorcycle crashes are prompting @mdsp to issue a reminder for both motorcyclists and other drivers to take precautions, especially during the remaining warm weather months. Since 7/28, troopers have responded to 6 fatal motorcycle crashes. READ >> https://bit.ly/2KxqhEu

mdsp.jpg?r=1565979692364

MD_MVA @MD_MVA | View the Tweet

Administrator Nizer and Governor Hogan demonstrated the Driver Alcohol System for Safety at #MACOcon. #MDOTInnovates

Learn more in our newsroom: http://bit.ly/2KPpfm2

md_mva.png?r=1565979771629

New Jersey MVC @NJ_MVC | View the Tweet

The Garden State's #Spanishspeaking community has a strong ally in the NJMVC. Chief @SueFulton in her report to MVC Board puts some #salsa on plans to build on successful Spanish language outreach – using everything from #socialmedia to #drivermanuals.

nj_mvc.png?r=1565979857145

NYS DMV @nysdmv | View the Tweet

The family of Colonie teen Niko DiNovo joined @NYSGTSC, DMV, @STOPDWINewYork, and law enforcement to help kick off the annual "Drive Sober or Get Pulled Over" impaired driving crackdown. The statewide campaign runs from Aug 14 thru Sept 2. Read more here https://dmv.ny.gov/press-release/press-release-08-13-2019 ...

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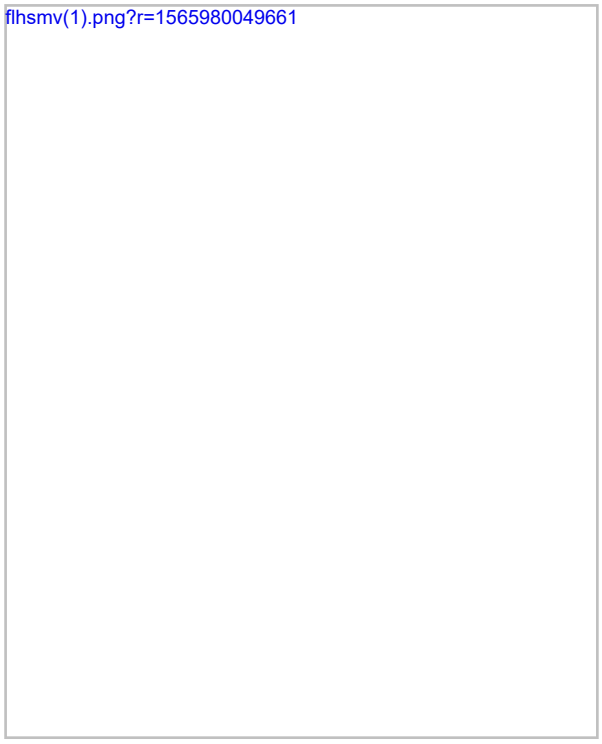
VermontDMV @VTDMV | View the Tweet

Manual Monday: Did you know we have an interactive version of our Drivers Manual? Check it out here: https://dmv.vermont.gov/licenses/driver-training/DriveVT ...

vtdmv.jpg?r=1565979997474

FLHSMV @FLHSMV | View the Tweet

On August 15, 1969, Neil Kirkman was appointed by Governor Kirk as the first Executive Director of @FLHSMV when the Depts. of Motor Vehicles and Public Safety were merged. Previously Director of #FHP, Neil Kirkman retired in 1970 after 25 years of service. #TBT #BehindTheDrive



Georgia DDS @GeorgiaDDS | View the Tweet

Our Contact Center has seen a Service Level increased from 82.25% in April 2019 to over 87% in June 2019. The team received a Commissioner's Customer Service Award for their hard work, dedication, and determination to exceeding agency expectations. #ThankYou



Iowa State Patrol @iowastatepatrol | View the Tweet

Who says you have to be a kid to enjoy the big slide at the Iowa State Fair??

Several members of the Iowa State Patrol took a few minutes out of their day to have some fun!

Photo Credit: Dan Ponxs
@IowaStateFair

iowastatepatrol.jpg?r=1565980186912

KansasDOT @DriveSafeKansas | View the Tweet

Today we kicked off the 2019 You Drink. You Drive. You Lose. impaired driving enforcement campaign. Always find a safe and sober way to your destination. #DriveSober @kshighwaypatrol @NHTSAgov

kansasdot.png?r=1565980236896

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To: Fitzgerald, Thomas (POL)
Subject: AAMVA"s Regional News for August 16, 2019
Date: Friday, August 16, 2019 5:06:16 PM

August 16, 2019

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Omaha, NE

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10th state to adopt California's ZEV policy, which requires automakers to offer a certain number of electric vehicles in those states. Read more at coloradosun.com.

Gender-Neutral Option on Washington State Driver's Licenses Gets First Public Hearing

The first of three public hearings regarding a third gender marker on Washington driver's licenses was held Monday evening. Representatives from the state's Department of Licensing heard public opinion on offering a non-binary option on driver's licenses. Under consideration is the addition of an 'X' when getting a license. The change would also affect instruction permits and state ID cards. Read more at king5.com.



Michelin's NexTraq Unit Launches Digital Safe-Driving Tool

NexTraq L.L.C., a Michelin company focused on telematics solutions, has developed a digital tool that disables drivers' smartphones and tablet screens while their vehicle is in motion. The new tool—dubbed 'MobileBlock'—was developed in partnership with SafeDrivePod International B.V., Michelin said, and is designed to help managers enforce company policies restricting unauthorized use of company-issued tablets and smartphones, thus limiting distractions. Read more at rubbernews.com.

Heidi King, Acting Head of National Highway Traffic Safety Administration Resigns

Heidi King, the acting head of the National Highway Traffic Safety Administration, has resigned, the U.S. Department of Transportation confirmed Wednesday. The deputy administrator of the nation's top traffic safety watchdog, King was awaiting Senate confirmation to permanently lead the agency. Her resignation is effective Aug. 31, according to the U.S. DOT...James Owens, U.S. DOT deputy general counsel, will replace King as deputy administrator and will serve as the agency's acting administrator, the U.S. DOT said. Read more at freep.com.

FMCSA Unveils Proposed Changes to Hours-of-Service Rules

The Federal Motor Carrier Safety Administration on Aug. 14 issued a long-awaited proposal to make changes to its hours-of-service rules that would increase truck drivers' flexibility with their 30-minute rest break and with allocating time in a sleeper berth. The proposal also would extend by two hours duty time for drivers encountering adverse weather and expand the current 100 air-mile 'shorthaul' exemption from 12 hours on-duty to 14 hours on-duty, consistent with workday rules for longhaul truck drivers. Read more at ttnews.com.

New Video Offers Tips on Sharing the Road Safely With Trucks

The Federal Motor Carrier Safety Administration recently released a video asking motorists to drive safely and distraction-free when sharing the road with commercial motor vehicles. Created as part of FMCSA's Our Roads, Our Safety campaign, the one-minute video features testimony from Wisconsin-based truck driver Dick Pingel, a member of the board of directors for the Owner-Operator Independent Drivers Association – a partnering organization in the campaign. Read more at safetyandhealthmagazine.com.

This Hacker Made Clothes That Can Confuse Automatic License Plate Readers

In a future where everything is surveilled by computer vision algorithms, even the patterns on our clothing can be subversive. Digital security professional and fashion designer Kate Rose doesn't just design textile patterns. She sullies the databases gathered by license plate readers by creating clothes covered in fake license plates. If you've ever gotten a traffic ticket in the mail—sometimes complete with a photo of your vehicle, with yourself and passengers looking stunned in the front seat—your car has likely encountered an Automatic License Plate Reader, or ALPR. Read more at vice.com.

Like the Biker a Catasauqua Trucker Allegedly Hit on Purpose, Some Motorcyclists Say They Have Targets on Their Backs

Santos, a barber from Lower Saucon Township, likes the wind in his face as much as any biker, but he tries to be considerate of other motorists — yielding, signaling lane changes, keeping his distance to the extent possible in the Lehigh Valley's heavy traffic. It's a matter of self-preservation. Santos said more than a few car and truck drivers seem to have an inborn resentment toward motorcyclists. So when he read about the Catasauqua truck driver accused of intentionally ramming a motorcyclist whose driving annoyed him, he was bothered but not surprised. According to court records, motorcyclist Paul A. Entler suffered a collapsed lung, multiple broken ribs and a broken leg last week when 54-year-old Matthew E. Dietrich allegedly swerved into him at Race Street and Willowbrook Road in Hanover Township, Lehigh County. Police said Dietrich admitted hitting Entler deliberately because he thought the biker was driving carelessly. Read more at mcall.com.

@AAMVAConnection has been watching the twitter feed and decided to highlight some of the tweets here. Links are provided within most of the tweets, and we have also provided a link to each tweet as well. Note that you do not have to have an account or sign in to Twitter to view the message posts, images associated with the post, and the reach of the message (retweets, favorited, etc.).

Stay on top of the chatter in the MVA and LE community. You may be surprised at what you're missing! Follow @AAMVAConnection.

Check out recent @AAMVAConnection Twitter action.

*****Thank you for the @AAMVAConnection mentions!*****

CVSA @CVSA | View the Tweet

Here they are. Here's your first look at the 51 inspectors who will compete this week to earn the ultimate honor, the 2019 #NAIC Grand Champion Award. One of these inspectors will be this year's winner. Who will it be?

cvsa.jpg?r=1565979639676

MD State Police @MDSP | View the Tweet

Recent motorcycle crashes are prompting @mdsp to issue a reminder for both motorcyclists and other drivers to take precautions, especially during the remaining warm weather months. Since 7/28, troopers have responded to 6 fatal motorcycle crashes. READ >> https://bit.ly/2KxqhEu



MD_MVA @MD_MVA | View the Tweet

Administrator Nizer and Governor Hogan demonstrated the Driver Alcohol System for Safety at #MACOcon. #MDOTInnovates

Learn more in our newsroom: http://bit.ly/2KPpfm2



New Jersey MVC @NJ_MVC | View the Tweet

The Garden State's #Spanishspeaking community has a strong ally in the NJMVC. Chief @SueFulton in her report to MVC Board puts some #salsa on plans to build on successful Spanish language outreach – using everything from #socialmedia to #drivermanuals.



NYS DMV @nysdmv | View the Tweet

The family of Colonie teen Niko DiNovo joined @NYSGTSC, DMV, @STOPDWINewYork, and law enforcement to help kick off the annual "Drive Sober or Get Pulled Over" impaired driving crackdown. The statewide campaign runs from Aug 14 thru Sept 2. Read more here https://dmv.ny.gov/press-release/press-release-08-13-2019 ...



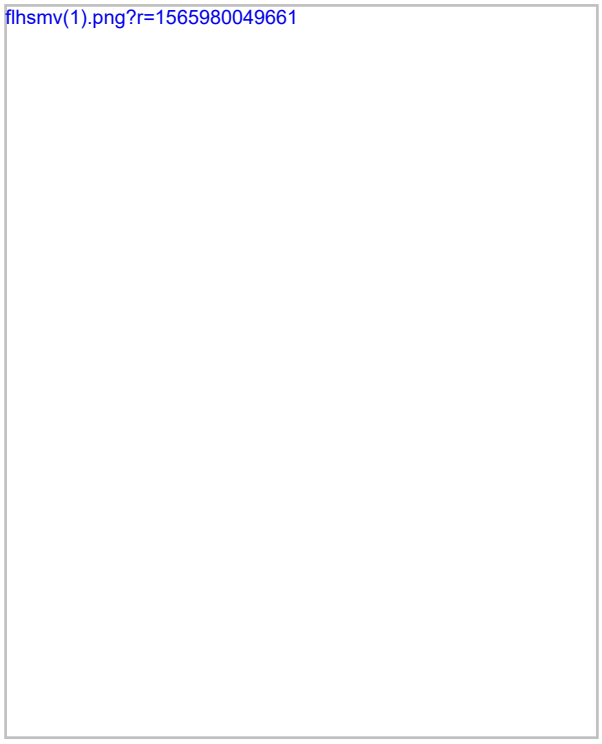
VermontDMV @VTDMV | View the Tweet

Manual Monday: Did you know we have an interactive version of our Drivers Manual? Check it out here: https://dmv.vermont.gov/licenses/driver-training/DriveVT ...



FLHSMV @FLHSMV | View the Tweet

On August 15, 1969, Neil Kirkman was appointed by Governor Kirk as the first Executive Director of @FLHSMV when the Depts. of Motor Vehicles and Public Safety were merged. Previously Director of #FHP, Neil Kirkman retired in 1970 after 25 years of service. #TBT #BehindTheDrive



Georgia DDS @GeorgiaDDS | View the Tweet

Our Contact Center has seen a Service Level increased from 82.25% in April 2019 to over 87% in June 2019. The team received a Commissioner's Customer Service Award for their hard work, dedication, and determination to exceeding agency expectations. #ThankYou



Iowa State Patrol @iowastatepatrol | View the Tweet

Who says you have to be a kid to enjoy the big slide at the Iowa State Fair??

Several members of the Iowa State Patrol took a few minutes out of their day to have some fun!

Photo Credit: Dan Ponxs
@IowaStateFair



KansasDOT @DriveSafeKansas | View the Tweet

Today we kicked off the 2019 You Drink. You Drive. You Lose. impaired driving enforcement campaign. Always find a safe and sober way to your destination. #DriveSober @kshighwaypatrol @NHTSAgov



The Regional News e-newsletter is developed and distributed by the American Association of Motor Vehicle Administrators (AAMVA).
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From: regionalnews@aamva.org
To: McCarthy, Steven (POL)
Subject: AAMVA"s Regional News for August 16, 2019
Date: Friday, August 16, 2019 5:06:11 PM

August 16, 2019

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AUGUST

18-19 | 2019 August Board of Directors Meeting
Omaha, NE

18 | 2019 August Industry Advisory Board Meeting
Omaha, NE

SEPTEMBER

11-12 | 2019 September State to State User Group Meeting
Orlando, FL

11-12 | 2019 September NDR Working Group Meeting
Savannah, GA

17-18 | 2019 September Imported Vehicles Working Group
Buffalo, NY

Annual International Conference Next Week

AIC_2019_Logo_WEB.jpg

AAMVA's 2019 Annual International Conference (AIC) takes place next week, August 20-22, in Omaha, Nebraska! Register online today! The conference provides an opportunity for you and your peers to discuss relevant driver's license, motor vehicle and law enforcement related issues. As with every AAMVA conference, the ability to network is one of the most beneficial experiences, and this year's AIC provides several networking opportunities, as well as interactive learning opportunities. Jurisdiction attendees will learn about the successes and challenges of others, share ideas, build relationships, and discover the many products and services provided by our industry partners that can assist in your mission. Industry attendees will have the opportunity to meet with key players in the driver's license, motor vehicle and law enforcement arenas. Visit the 2019 AIC Website for more information and to register!

Minnesota to Join State-to-State Verification Service (S2S)

Minnesota will begin using AAMVA's State-to-State Verification Service (S2S) on Monday, September 30, 2019. Tasks related to on-boarding Minnesota will be conducted during the weekend of September 28, 2019. During this process (Saturday evening to Monday morning), there may be periods during which the CDLIS/S2S Central Site is in inquiry-only mode or is unavailable (over and above the regularly scheduled maintenance window of 2:00 AM ET to 5:00 AM ET on Sunday, September 27, 2019). AAMVA is taking all steps possible to minimize service interruptions and will be sending alerts notifying states of Central Site availability throughout the process. Read more here.

Maryland Is Latest Testing Ground for Tech Aimed at Drunken Driving

Maryland officials are testing new technology installed in vehicles that prevents the car from moving if the driver's had too much to drink. The Driver Alcohol Detection System for Safety analyzes the driver's breath — there's no need for a separate device — and if the sensors in the vehicle pick up a given level of alcohol, the engine will turn over, but the car won't move. By allowing the car to start, the driver can then charge their phone and call a cab or a ride-hailing service. Read more at wtop.com.

As Real ID Deadline Approaches, MD Lawmaker Introduces Emergency Legislation to Protect Drivers (Maryland)

A Maryland lawmaker is working to introduce emergency legislation to address what

18-19 | 2019 September Foreign Reciprocity Resource Guide Working Group Meeting
Denver, CO

24-28 | 2019 September CDLIS Working Group Meeting
Denver, CO

25-26 | 2019 September Autonomous Vehicles Working Group Meeting
Pittsburgh, PA

***Register for the following training sessions HERE.**

AUGUST

20 | UNI Basics (basic)

21 | UNI Advanced A (advanced)

22 | SPEXS Bulk Load (intermediate)

SEPTEMBER - CDLIS

17 | CDLIS Reports Timeliness (intermediate)

18 | CDLIS Reports Data Quality (intermediate)

19 | CD90.4.1 Out-of State Transaction as SOR Reports (advanced)

24 | CDLIS Reports Identifying Potential Issues SDLA (advanced)

25 | CDLIS Reports Identifying Potential Issues Qtrl OP (advanced)

SEPTEMBER - PDPS

24 | PDPS Broken Pointer Management (intermediate)

25 | PDPS Clean File Processing (intermediate)

26 | PDPS Identity Correction (intermediate)

SEPTEMBER - SPEXS

9 | SPEXS Overview (basic)

10 | SPEXS Transactions AMIE (intermediate)

could be a serious problem for drivers who haven't gotten their Real ID licenses. Del. Eric Ebersole (D-Baltimore, Howard) introduced emergency legislation that would require officers to give drivers a legal document that would still allow them to drive to pick up a Real ID. The law could go into effect as soon as next year, but enforcement begins Oct. 1, 2020. Read more at marylandmatters.org.

MD Recalls 8,000 Real ID Driver's Licenses (Maryland)

If you're heading out on the road, double check your license before getting behind the wheel. The Maryland MVA has recalled the driver's licenses of 8,000 residents because they failed to meet requirements to be in compliance with the Real ID Act. Maryland officials said Thursday 8,000 drivers whose licenses have been recalled are among the first group of customers who failed to present required documentation by early July for a Real ID. Read more at baltimore.cbslocal.com.

How One City Saved $5 Million by Routing School Buses With an Algorithm (Massachusetts)

The yellow school bus has remained largely unchanged since it first debuted in 1939. But while the buses look the same, their routes have grown infinitely more complex in the past 80 years, as the number of students, schools, and road systems grow and change...In 2017, the district was facing serious challenges. On a per-pupil basis, BPS had the highest transportation costs in the country, around $2,000 per student per year, representing 10% of the district's budget. The schools dealt with rising costs each year, despite declining ridership. Read more at routefifty.com.

Massachusetts Registry Holds Annual Low Number Plate Lottery

The Massachusetts Registry of Motor Vehicles is holding its annual lottery for much sought-after low number vehicle license plates. Entries are being accepted online until Aug. 23. Mailed entries must be postmarked by that date. The winners will be announced Sept. 15. Read more at wwlp.com.

More Licenses Suspended as RMV Backtracking Continues (Massachusetts)

The Registry of Motor Vehicles suspended the licenses of more than 800 additional drivers in its ongoing review of potential missed violations, with thousands more requiring additional examination, officials said in a status update Thursday. More than 2,400 Massachusetts residents have now had their permission to drive revoked in the past six weeks based on out-of-state violations that the RMV, spurred into action in the wake of a fatal crash, previously failed to handle. Read more at wbur.org.

License Plates From Trash Helped NYC Worker Duck Tolls: Officials (New York)

One car's trash was this man's treasure. A New York City sanitation worker used license plates plucked from the garbage to dodge thousands of dollars in tickets and tolls, authorities said Wednesday...The 45-year-old worker was arrested Wednesday and the plates were found on his car in the Brooklyn garage where he worked, officials said. He's charged with grand larceny and obstructing governmental administration, the DOI said...The penalties could not be collected because the plates were not registered to any vehicle, according to the DOI. Read more at patch.com.

Lawmakers Might Bring Back License Plate Stickers With a New Twist (Pennsylvania)

The state House Transportation Committee is considering a bill to reinstate those little vehicle registration stickers on Pennsylvania license plates...The state eliminated the registration sticker requirement in January 2017 as part of a transportation funding bill approved in 2014. The Pennsylvania Department of Transportation said the move would save $3.1 million annually in the cost of producing the stickers and mailing them to vehicle owners. Read more at post-gazette.com.

PA License Plate Readers Gain Support for Their Use in Crime-Fighting, but Bill Would Address Privacy Concerns

11 | SPEXS Transactions NIEM (intermediate)

12 | SPEXS Batch Inquiry (intermediate)

13 | SPEXS Bulk Load (intermediate)

16 | SPEXS WEB UI and Reports (intermediate)

17 | SPEXS SPM (intermediate)

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In a future where everything is surveilled by computer vision algorithms, even the patterns on our clothing can be subversive. Digital security professional and fashion designer Kate Rose doesn't just design textile patterns. She sullies the databases gathered by license plate readers by creating clothes covered in fake license plates. If you've ever gotten a traffic ticket in the mail—sometimes complete with a photo of your vehicle, with yourself and passengers looking stunned in the front seat—your car has likely encountered an Automatic License Plate Reader, or ALPR. Read more at vice.com.

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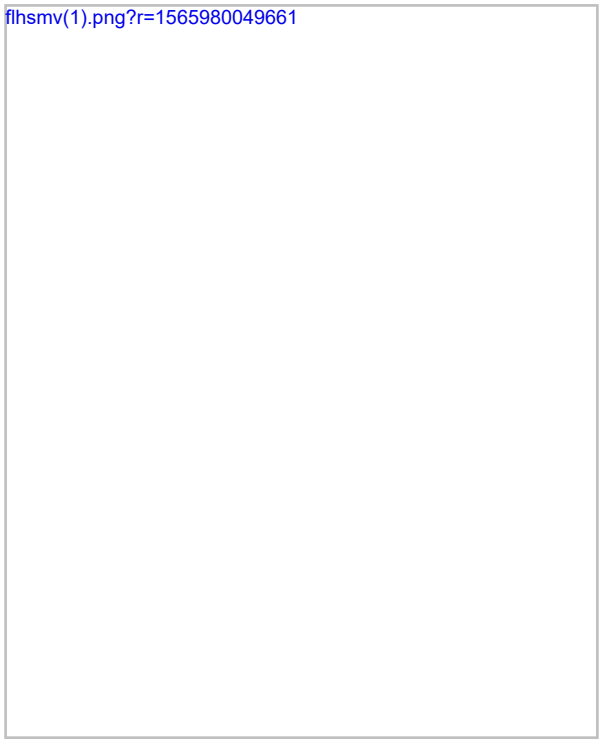
VermontDMV @VTDMV | View the Tweet

Manual Monday: Did you know we have an interactive version of our Drivers Manual? Check it out here: https://dmv.vermont.gov/licenses/driver-training/DriveVT ...

vtdmv.jpg?r=1565979997474

FLHSMV @FLHSMV | View the Tweet

On August 15, 1969, Neil Kirkman was appointed by Governor Kirk as the first Executive Director of @FLHSMV when the Depts. of Motor Vehicles and Public Safety were merged. Previously Director of #FHP, Neil Kirkman retired in 1970 after 25 years of service. #TBT #BehindTheDrive



Georgia DDS @GeorgiaDDS | View the Tweet

Our Contact Center has seen a Service Level increased from 82.25% in April 2019 to over 87% in June 2019. The team received a Commissioner's Customer Service Award for their hard work, dedication, and determination to exceeding agency expectations. #ThankYou



Iowa State Patrol @iowastatepatrol | View the Tweet

Who says you have to be a kid to enjoy the big slide at the Iowa State Fair??

Several members of the Iowa State Patrol took a few minutes out of their day to have some fun!

Photo Credit: Dan Ponxs
@IowaStateFair

iowastatepatrol.jpg?r=1565980186912

KansasDOT @DriveSafeKansas | View the Tweet

Today we kicked off the 2019 You Drink. You Drive. You Lose. impaired driving enforcement campaign. Always find a safe and sober way to your destination. #DriveSober @kshighwaypatrol @NHTSAgov

kansasdot.png?r=1565980236896

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To: Archambeault, Jeffrey (POL)
Subject: AAMVA"s Regional News for August 16, 2019
Date: Friday, August 16, 2019 5:06:07 PM

August 16, 2019

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AUGUST

18-19 | 2019 August Board of Directors Meeting
Omaha, NE

18 | 2019 August Industry Advisory Board Meeting
Omaha, NE

SEPTEMBER

11-12 | 2019 September State to State User Group Meeting
Orlando, FL

11-12 | 2019 September NDR Working Group Meeting
Savannah, GA

17-18 | 2019 September Imported Vehicles Working Group
Buffalo, NY

Annual International Conference Next Week

AIC_2019_Logo_WEB.jpg

AAMVA's 2019 Annual International Conference (AIC) takes place next week, August 20-22, in Omaha, Nebraska! Register online today! The conference provides an opportunity for you and your peers to discuss relevant driver's license, motor vehicle and law enforcement related issues. As with every AAMVA conference, the ability to network is one of the most beneficial experiences, and this year's AIC provides several networking opportunities, as well as interactive learning opportunities. Jurisdiction attendees will learn about the successes and challenges of others, share ideas, build relationships, and discover the many products and services provided by our industry partners that can assist in your mission. Industry attendees will have the opportunity to meet with key players in the driver's license, motor vehicle and law enforcement arenas. Visit the 2019 AIC Website for more information and to register!

Minnesota to Join State-to-State Verification Service (S2S)

Minnesota will begin using AAMVA's State-to-State Verification Service (S2S) on Monday, September 30, 2019. Tasks related to on-boarding Minnesota will be conducted during the weekend of September 28, 2019. During this process (Saturday evening to Monday morning), there may be periods during which the CDLIS/S2S Central Site is in inquiry-only mode or is unavailable (over and above the regularly scheduled maintenance window of 2:00 AM ET to 5:00 AM ET on Sunday, September 27, 2019). AAMVA is taking all steps possible to minimize service interruptions and will be sending alerts notifying states of Central Site availability throughout the process. Read more here.

Maryland Is Latest Testing Ground for Tech Aimed at Drunken Driving

Maryland officials are testing new technology installed in vehicles that prevents the car from moving if the driver's had too much to drink. The Driver Alcohol Detection System for Safety analyzes the driver's breath — there's no need for a separate device — and if the sensors in the vehicle pick up a given level of alcohol, the engine will turn over, but the car won't move. By allowing the car to start, the driver can then charge their phone and call a cab or a ride-hailing service. Read more at wtop.com.

As Real ID Deadline Approaches, MD Lawmaker Introduces Emergency Legislation to Protect Drivers (Maryland)

A Maryland lawmaker is working to introduce emergency legislation to address what

18-19 | 2019 September Foreign Reciprocity Resource Guide Working Group Meeting
Denver, CO

24-28 | 2019 September CDLIS Working Group Meeting
Denver, CO

25-26 | 2019 September Autonomous Vehicles Working Group Meeting
Pittsburgh, PA

***Register for the following training sessions HERE.**

AUGUST

20 | UNI Basics (basic)

21 | UNI Advanced A (advanced)

22 | SPEXS Bulk Load (intermediate)

SEPTEMBER - CDLIS

17 | CDLIS Reports Timeliness (intermediate)

18 | CDLIS Reports Data Quality (intermediate)

19 | CD90.4.1 Out-of State Transaction as SOR Reports (advanced)

24 | CDLIS Reports Identifying Potential Issues SDLA (advanced)

25 | CDLIS Reports Identifying Potential Issues Qtrl OP (advanced)

SEPTEMBER - PDPS

24 | PDPS Broken Pointer Management (intermediate)

25 | PDPS Clean File Processing (intermediate)

26 | PDPS Identity Correction (intermediate)

SEPTEMBER - SPEXS

9 | SPEXS Overview (basic)

10 | SPEXS Transactions AMIE (intermediate)

could be a serious problem for drivers who haven't gotten their Real ID licenses. Del. Eric Ebersole (D-Baltimore, Howard) introduced emergency legislation that would require officers to give drivers a legal document that would still allow them to drive to pick up a Real ID. The law could go into effect as soon as next year, but enforcement begins Oct. 1, 2020. Read more at marylandmatters.org.

MD Recalls 8,000 Real ID Driver's Licenses (Maryland)

If you're heading out on the road, double check your license before getting behind the wheel. The Maryland MVA has recalled the driver's licenses of 8,000 residents because they failed to meet requirements to be in compliance with the Real ID Act. Maryland officials said Thursday 8,000 drivers whose licenses have been recalled are among the first group of customers who failed to present required documentation by early July for a Real ID. Read more at baltimore.cbslocal.com.

How One City Saved $5 Million by Routing School Buses With an Algorithm (Massachusetts)

The yellow school bus has remained largely unchanged since it first debuted in 1939. But while the buses look the same, their routes have grown infinitely more complex in the past 80 years, as the number of students, schools, and road systems grow and change...In 2017, the district was facing serious challenges. On a per-pupil basis, BPS had the highest transportation costs in the country, around $2,000 per student per year, representing 10% of the district's budget. The schools dealt with rising costs each year, despite declining ridership. Read more at routefifty.com.

Massachusetts Registry Holds Annual Low Number Plate Lottery

The Massachusetts Registry of Motor Vehicles is holding its annual lottery for much sought-after low number vehicle license plates. Entries are being accepted online until Aug. 23. Mailed entries must be postmarked by that date. The winners will be announced Sept. 15. Read more at wwlp.com.

More Licenses Suspended as RMV Backtracking Continues (Massachusetts)

The Registry of Motor Vehicles suspended the licenses of more than 800 additional drivers in its ongoing review of potential missed violations, with thousands more requiring additional examination, officials said in a status update Thursday. More than 2,400 Massachusetts residents have now had their permission to drive revoked in the past six weeks based on out-of-state violations that the RMV, spurred into action in the wake of a fatal crash, previously failed to handle. Read more at wbur.org.

License Plates From Trash Helped NYC Worker Duck Tolls: Officials (New York)

One car's trash was this man's treasure. A New York City sanitation worker used license plates plucked from the garbage to dodge thousands of dollars in tickets and tolls, authorities said Wednesday...The 45-year-old worker was arrested Wednesday and the plates were found on his car in the Brooklyn garage where he worked, officials said. He's charged with grand larceny and obstructing governmental administration, the DOI said...The penalties could not be collected because the plates were not registered to any vehicle, according to the DOI. Read more at patch.com.

Lawmakers Might Bring Back License Plate Stickers With a New Twist (Pennsylvania)

The state House Transportation Committee is considering a bill to reinstate those little vehicle registration stickers on Pennsylvania license plates...The state eliminated the registration sticker requirement in January 2017 as part of a transportation funding bill approved in 2014. The Pennsylvania Department of Transportation said the move would save $3.1 million annually in the cost of producing the stickers and mailing them to vehicle owners. Read more at post-gazette.com.

PA License Plate Readers Gain Support for Their Use in Crime-Fighting, but Bill Would Address Privacy Concerns

11 | SPEXS Transactions NIEM (intermediate)

12 | SPEXS Batch Inquiry (intermediate)

13 | SPEXS Bulk Load (intermediate)

16 | SPEXS WEB UI and Reports (intermediate)

17 | SPEXS SPM (intermediate)

REGISTER ONLINE!

AUGUST

20 | NMVTIS State Web Interface (SWI) – How to Correct Title and Brand Data on the Central Site

22 | NMVTIS Suspense Resolution for Online States (AMIE Version) – Part 2

27 | NMVTIS State Web Interface (SWI) – Instant Title Verification Using the VIN Search Feature

28 | NMVTIS Suspense Resolution for Online States (Web Service Version) – Part 2

SEPTEMBER

5 | NMVTIS Suspense Resolution for Online States (Web Service Version) – Part 1

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REGISTER ONLINE!

(Pennsylvania)

Police departments across the state use specialized cameras to automatically read license plates. Officers say the cameras are a boon to law enforcement, but lawmakers want to make sure the data they capture doesn't fall into the wrong hands. There are no current guidelines as to how automated license plate readers, or ALPRs, are used in the state. Rep. Greg Rothman, R-Cumberland County, says he hopes to not only manage their use but also set up a statewide database where law enforcement would store and share data, which has the potential to improve crime-solving. Read more at pennlive.com.

Hands-Free Law: Is It Working? GA Highway Safety Discusses at Conference (Georgia)

Allen Poole who is the director of the Governor's Office of Highway Safety had a message for hundreds of law enforcement officers Monday in Savannah. As he opened a three-day safety conference, he said decreasing traffic deaths is possible. After an increase in the number of traffic fatalities between 2014 and 2016, Poole says there is now a downward trend. He and other safety experts attribute at least part of that to the Georgia Hands-Free Law that became law in July of 2018. Read more at wsav.com.

Georgia Highway Becomes Testbed for Connected Vehicles

A stretch of Interstate highway in Georgia will mark one of the latest developments of connected vehicle infrastructure and technology. The Ray, a section of Interstate 85 in southern Georgia, will be outfitted with connected vehicle technologies as part of a two-year project organized by the Georgia Department of Transportation, Panasonic and The Ray, a stretch of highway named after Ray C. Anderson, a Georgia business leader in green energy. The roadway is a testing ground for innovation in sustainability and transportation. Read more at govtech.com.

Born 'Unnamed,' SC Man Hits Legal Snag to Get Real ID. He's Not Alone (South Carolina)

Clinkscales, who turns 66 in November, had no idea he was about to embark on a months-long process to get his ID, which would lead to him hiring an attorney and waiting for a judge...Clinkscales' case is far from unusual in South Carolina, particularly for minorities and low-income South Carolinians, legal professionals familiar with these cases say...S.C. Department of Motor Vehicles' chief Kevin Shwedo said his agency is working aggressively to help South Carolinians who can't get their REAL ID. Aside from personally attempting to connect people with resources to get one, Shwedo said Motor Vehicles also has taken part in phone banking with at least one television news station and plans to do the same with others across the state very soon. Read more at thestate.com.

TxDOT Details What Caused Most of the Fatal Crashes in 2018 (Texas)

More than 3,600 people died on Texas roadways in 2018, according to data recently released by the Texas Department of Transportation. In a series of reports, TxDOT officials detailed what they call 'contributing factors' in the spate of deadly wrecks, which is essentially a list of things that caused each wreck. One fatal wreck can have multiple contributing factors, such as falling asleep or driving while intoxicated. Read more at msn.com.

VA Man Pleads Guilty to Scheme to Provide Fake Maryland Driver's Licenses to Applicants (Virginia)

A Virginia man pled guilty to a federal charge related to a scheme to provide fake Maryland driver's licenses to applicants who paid a fee. Warner Portillo, 34, of Manassas, Virginia, pled guilty to conspiracy to produce and transfer identification documents without lawful authority, specifically Maryland driver's licenses. According to his plea agreement, from at least July 2015 through March 2016, Portillo conspired with two employees of the MVA who worked in the Largo branch office, to produce and transfer Maryland driver's licenses without lawful authority. Read more at baltimore.cbslocal.com.

AUGUST

AAMVA RFQ FY19-20204 Redgate Software Renewal
August 19, 2019

AAMVA RFQ FY19-20278: Symantec Renewal
August 20, 2019

AAMVA RFQ FY19-20254: Cisco Hardware Purchase
August 20, 2019

AAMVA RFP FY20 - 20267: 2019 November IDEC & TMS Working Group Meeting
August 22, 2019

SEPTEMBER

AAMVA RFQ FY19-18610: Learning Management System (LMS) Software
September 3, 2019

AAMVA RFP No. FY21-20205: 2020 Region 1 Planning & Administrators Meeting
September 6, 2019

AAMVA RFP FY21-17941: 2021 Region 1 Conference
September 6, 2019

DMV Offices Across Nebraska Will Have Shorter Hours During September for Staff Training

Driver licensing offices across Nebraska will be closed some days or hours in September for staff training. The Nebraska Department of Motor Vehicles announced that some offices will have reduced hours, while others will close for entire days between Sept. 9 and Sept. 30. The closings will allow driver license examiners to get training on fraudulent document recognition and the latest fraud prevention techniques. It also will allow them to learn about administering the latest version of the commercial driver license and motorcycle skills tests. Read more at omaha.com.

Jail Time for Drivers Who Illegally Pass School Buses Could Soon Become Reality in Avon Lake (Ohio)

A new school year means more school buses will soon be on the roads. And while police in Avon Lake will be beefing up patrols for drivers who illegally pass school buses, one city councilman wants to put violators behind bars. If passed, Avon Lake will become the first in Northeast Ohio to add jail time for drivers [who] illegally pass school buses. Ward IV Councilman David Kos introduced the ordinance that will increase fines from $500-$750, and allow a judge to impose up to a 30-day jail sentence. Read more at fox8.com.

Ohio Freezes Most Law Enforcement Access to Facial-Recognition Analysis of Driver's License Photos

Most law enforcement agencies in Ohio will lose — at least temporarily — access to a database of roughly 21 million driver's license photos taken in the state after a decision Ohio Attorney General David Yost announced yesterday...After media reports revealed federal law enforcement practices using facial recognition software on state driver's license databases, Yost earlier this year asked for a review of the database and the way officers use it. That inquiry didn't find any improper conduct, but, before they log back on, Yost wants the roughly 4,500 officers who had access to the system trained on the current weaknesses possible with facial recognition software that could lead to gender or racial bias. Read more at citybeat.com.

This Guy Got the License Plate 'NULL' and It Was a Total Disaster (California)

A cybersecurity expert tested a galaxy-brain plan to hide his car from license plate readers and ticketing systems: registering the vanity license plate 'NULL.' His plan worked, sort of — the NULL plates definitely caused a problem within the system. But they also caused a citation processing center to send the guy, who goes by 'Droogie' in the cybersec community, $18,000 worth of parking tickets and other fines, according to Utah radio station KNRS. Droogie got the first wave of fines dismissed — but his attempt to game the system provides a whimsical warning against throwing a wrench into the mechanism of the DMV. Read more at futurism.com.

Governor Proclaims Aug. 12 'Colorado Motorcycle Memorial Day'

2019 is on pace to become one of the deadliest years on the road this decade for motorcyclists. To date, there have been 65 fatal motorcycle crashes, compared to 60 at this time last year. Since 2012, motorcycle fatalities on Colorado's roads have increased 30 percent. State officials are hoping to increase awareness about motorcycle safety, both for riders and the drivers who share the roads with them. Read more at kktv.com.

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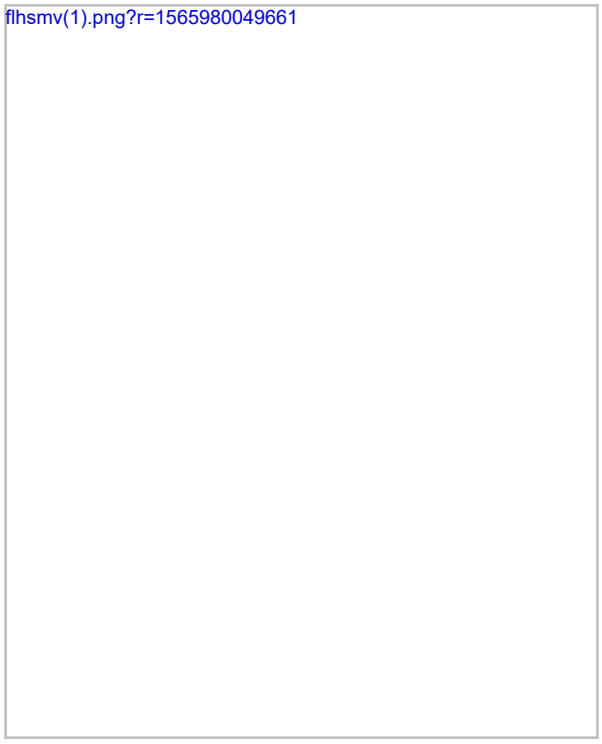
VermontDMV @VTDMV | View the Tweet

Manual Monday: Did you know we have an interactive version of our Drivers Manual? Check it out here: https://dmv.vermont.gov/licenses/driver-training/DriveVT ...

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FLHSMV @FLHSMV | View the Tweet

On August 15, 1969, Neil Kirkman was appointed by Governor Kirk as the first Executive Director of @FLHSMV when the Depts. of Motor Vehicles and Public Safety were merged. Previously Director of #FHP, Neil Kirkman retired in 1970 after 25 years of service. #TBT #BehindTheDrive



Georgia DDS @GeorgiaDDS | View the Tweet

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Iowa State Patrol @iowastatepatrol | View the Tweet

Who says you have to be a kid to enjoy the big slide at the Iowa State Fair??

Several members of the Iowa State Patrol took a few minutes out of their day to have some fun!

Photo Credit: Dan Ponxs
@IowaStateFair

iowastatepatrol.jpg?r=1565980186912

KansasDOT @DriveSafeKansas | View the Tweet

Today we kicked off the 2019 You Drink. You Drive. You Lose. impaired driving enforcement campaign. Always find a safe and sober way to your destination. #DriveSober @kshighwaypatrol @NHTSAgov

kansasdot.png?r=1565980236896

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To: Gilpin, Kerry (POL)
Subject: AAMVA"s Regional News for August 16, 2019
Date: Friday, August 16, 2019 5:06:23 PM

August 16, 2019

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AUGUST

18-19 | 2019 August Board of Directors Meeting
Omaha, NE

18 | 2019 August Industry Advisory Board Meeting
Omaha, NE

SEPTEMBER

11-12 | 2019 September State to State User Group Meeting
Orlando, FL

11-12 | 2019 September NDR Working Group Meeting
Savannah, GA

17-18 | 2019 September Imported Vehicles Working Group
Buffalo, NY

Annual International Conference Next Week

AIC_2019_Logo_WEB.jpg

AAMVA's 2019 Annual International Conference (AIC) takes place next week, August 20-22, in Omaha, Nebraska! Register online today! The conference provides an opportunity for you and your peers to discuss relevant driver's license, motor vehicle and law enforcement related issues. As with every AAMVA conference, the ability to network is one of the most beneficial experiences, and this year's AIC provides several networking opportunities, as well as interactive learning opportunities. Jurisdiction attendees will learn about the successes and challenges of others, share ideas, build relationships, and discover the many products and services provided by our industry partners that can assist in your mission. Industry attendees will have the opportunity to meet with key players in the driver's license, motor vehicle and law enforcement arenas. Visit the 2019 AIC Website for more information and to register!

Minnesota to Join State-to-State Verification Service (S2S)

Minnesota will begin using AAMVA's State-to-State Verification Service (S2S) on Monday, September 30, 2019. Tasks related to on-boarding Minnesota will be conducted during the weekend of September 28, 2019. During this process (Saturday evening to Monday morning), there may be periods during which the CDLIS/S2S Central Site is in inquiry-only mode or is unavailable (over and above the regularly scheduled maintenance window of 2:00 AM ET to 5:00 AM ET on Sunday, September 27, 2019). AAMVA is taking all steps possible to minimize service interruptions and will be sending alerts notifying states of Central Site availability throughout the process. Read more here.

Maryland Is Latest Testing Ground for Tech Aimed at Drunken Driving

Maryland officials are testing new technology installed in vehicles that prevents the car from moving if the driver's had too much to drink. The Driver Alcohol Detection System for Safety analyzes the driver's breath — there's no need for a separate device — and if the sensors in the vehicle pick up a given level of alcohol, the engine will turn over, but the car won't move. By allowing the car to start, the driver can then charge their phone and call a cab or a ride-hailing service. Read more at wtop.com.

As Real ID Deadline Approaches, MD Lawmaker Introduces Emergency Legislation to Protect Drivers (Maryland)

A Maryland lawmaker is working to introduce emergency legislation to address what

18-19 | 2019 September Foreign Reciprocity Resource Guide Working Group Meeting
Denver, CO

24-28 | 2019 September CDLIS Working Group Meeting
Denver, CO

25-26 | 2019 September Autonomous Vehicles Working Group Meeting
Pittsburgh, PA

***Register for the following training sessions HERE.**

AUGUST

20 | UNI Basics (basic)

21 | UNI Advanced A (advanced)

22 | SPEXS Bulk Load (intermediate)

SEPTEMBER - CDLIS

17 | CDLIS Reports Timeliness (intermediate)

18 | CDLIS Reports Data Quality (intermediate)

19 | CD90.4.1 Out-of State Transaction as SOR Reports (advanced)

24 | CDLIS Reports Identifying Potential Issues SDLA (advanced)

25 | CDLIS Reports Identifying Potential Issues Qtrl OP (advanced)

SEPTEMBER - PDPS

24 | PDPS Broken Pointer Management (intermediate)

25 | PDPS Clean File Processing (intermediate)

26 | PDPS Identity Correction (intermediate)

SEPTEMBER - SPEXS

9 | SPEXS Overview (basic)

10 | SPEXS Transactions AMIE (intermediate)

could be a serious problem for drivers who haven't gotten their Real ID licenses. Del. Eric Ebersole (D-Baltimore, Howard) introduced emergency legislation that would require officers to give drivers a legal document that would still allow them to drive to pick up a Real ID. The law could go into effect as soon as next year, but enforcement begins Oct. 1, 2020. Read more at marylandmatters.org.

MD Recalls 8,000 Real ID Driver's Licenses (Maryland)

If you're heading out on the road, double check your license before getting behind the wheel. The Maryland MVA has recalled the driver's licenses of 8,000 residents because they failed to meet requirements to be in compliance with the Real ID Act. Maryland officials said Thursday 8,000 drivers whose licenses have been recalled are among the first group of customers who failed to present required documentation by early July for a Real ID. Read more at baltimore.cbslocal.com.

How One City Saved $5 Million by Routing School Buses With an Algorithm (Massachusetts)

The yellow school bus has remained largely unchanged since it first debuted in 1939. But while the buses look the same, their routes have grown infinitely more complex in the past 80 years, as the number of students, schools, and road systems grow and change...In 2017, the district was facing serious challenges. On a per-pupil basis, BPS had the highest transportation costs in the country, around $2,000 per student per year, representing 10% of the district's budget. The schools dealt with rising costs each year, despite declining ridership. Read more at routefifty.com.

Massachusetts Registry Holds Annual Low Number Plate Lottery

The Massachusetts Registry of Motor Vehicles is holding its annual lottery for much sought-after low number vehicle license plates. Entries are being accepted online until Aug. 23. Mailed entries must be postmarked by that date. The winners will be announced Sept. 15. Read more at wwlp.com.

More Licenses Suspended as RMV Backtracking Continues (Massachusetts)

The Registry of Motor Vehicles suspended the licenses of more than 800 additional drivers in its ongoing review of potential missed violations, with thousands more requiring additional examination, officials said in a status update Thursday. More than 2,400 Massachusetts residents have now had their permission to drive revoked in the past six weeks based on out-of-state violations that the RMV, spurred into action in the wake of a fatal crash, previously failed to handle. Read more at wbur.org.

License Plates From Trash Helped NYC Worker Duck Tolls: Officials (New York)

One car's trash was this man's treasure. A New York City sanitation worker used license plates plucked from the garbage to dodge thousands of dollars in tickets and tolls, authorities said Wednesday...The 45-year-old worker was arrested Wednesday and the plates were found on his car in the Brooklyn garage where he worked, officials said. He's charged with grand larceny and obstructing governmental administration, the DOI said...The penalties could not be collected because the plates were not registered to any vehicle, according to the DOI. Read more at patch.com.

Lawmakers Might Bring Back License Plate Stickers With a New Twist (Pennsylvania)

The state House Transportation Committee is considering a bill to reinstate those little vehicle registration stickers on Pennsylvania license plates...The state eliminated the registration sticker requirement in January 2017 as part of a transportation funding bill approved in 2014. The Pennsylvania Department of Transportation said the move would save $3.1 million annually in the cost of producing the stickers and mailing them to vehicle owners. Read more at post-gazette.com.

PA License Plate Readers Gain Support for Their Use in Crime-Fighting, but Bill Would Address Privacy Concerns

11 | SPEXS Transactions NIEM (intermediate)

12 | SPEXS Batch Inquiry (intermediate)

13 | SPEXS Bulk Load (intermediate)

16 | SPEXS WEB UI and Reports (intermediate)

17 | SPEXS SPM (intermediate)

REGISTER ONLINE!

AUGUST

20 | NMVTIS State Web Interface (SWI) – How to Correct Title and Brand Data on the Central Site

22 | NMVTIS Suspense Resolution for Online States (AMIE Version) – Part 2

27 | NMVTIS State Web Interface (SWI) – Instant Title Verification Using the VIN Search Feature

28 | NMVTIS Suspense Resolution for Online States (Web Service Version) – Part 2

SEPTEMBER

5 | NMVTIS Suspense Resolution for Online States (Web Service Version) – Part 1

12 | NMVTIS Suspense Resolution for Online States (Web Service Version) – Part 2

17 | NMVTIS State Web Interface (SWI) – How to Correct Title and Brand Data on the Central Site

19 | NMVTIS Suspense Resolution for Online States (AMIE Version) – Part 1

24 | NMVTIS State Web Interface (SWI) – Instant Title Verification Using the VIN Search Feature

26 | NMVTIS Suspense Resolution for Online States (AMIE Version) – Part 2

REGISTER ONLINE!

(Pennsylvania)

Police departments across the state use specialized cameras to automatically read license plates. Officers say the cameras are a boon to law enforcement, but lawmakers want to make sure the data they capture doesn't fall into the wrong hands. There are no current guidelines as to how automated license plate readers, or ALPRs, are used in the state. Rep. Greg Rothman, R-Cumberland County, says he hopes to not only manage their use but also set up a statewide database where law enforcement would store and share data, which has the potential to improve crime-solving. Read more at pennlive.com.

Hands-Free Law: Is It Working? GA Highway Safety Discusses at Conference (Georgia)

Allen Poole who is the director of the Governor's Office of Highway Safety had a message for hundreds of law enforcement officers Monday in Savannah. As he opened a three-day safety conference, he said decreasing traffic deaths is possible. After an increase in the number of traffic fatalities between 2014 and 2016, Poole says there is now a downward trend. He and other safety experts attribute at least part of that to the Georgia Hands-Free Law that became law in July of 2018. Read more at wsav.com.

Georgia Highway Becomes Testbed for Connected Vehicles

A stretch of Interstate highway in Georgia will mark one of the latest developments of connected vehicle infrastructure and technology. The Ray, a section of Interstate 85 in southern Georgia, will be outfitted with connected vehicle technologies as part of a two-year project organized by the Georgia Department of Transportation, Panasonic and The Ray, a stretch of highway named after Ray C. Anderson, a Georgia business leader in green energy. The roadway is a testing ground for innovation in sustainability and transportation. Read more at govtech.com.

Born 'Unnamed,' SC Man Hits Legal Snag to Get Real ID. He's Not Alone (South Carolina)

Clinkscales, who turns 66 in November, had no idea he was about to embark on a months-long process to get his ID, which would lead to him hiring an attorney and waiting for a judge...Clinkscales' case is far from unusual in South Carolina, particularly for minorities and low-income South Carolinians, legal professionals familiar with these cases say...S.C. Department of Motor Vehicles' chief Kevin Shwedo said his agency is working aggressively to help South Carolinians who can't get their REAL ID. Aside from personally attempting to connect people with resources to get one, Shwedo said Motor Vehicles also has taken part in phone banking with at least one television news station and plans to do the same with others across the state very soon. Read more at thestate.com.

TxDOT Details What Caused Most of the Fatal Crashes in 2018 (Texas)

More than 3,600 people died on Texas roadways in 2018, according to data recently released by the Texas Department of Transportation. In a series of reports, TxDOT officials detailed what they call 'contributing factors' in the spate of deadly wrecks, which is essentially a list of things that caused each wreck. One fatal wreck can have multiple contributing factors, such as falling asleep or driving while intoxicated. Read more at msn.com.

VA Man Pleads Guilty to Scheme to Provide Fake Maryland Driver's Licenses to Applicants (Virginia)

A Virginia man pled guilty to a federal charge related to a scheme to provide fake Maryland driver's licenses to applicants who paid a fee. Warner Portillo, 34, of Manassas, Virginia, pled guilty to conspiracy to produce and transfer identification documents without lawful authority, specifically Maryland driver's licenses. According to his plea agreement, from at least July 2015 through March 2016, Portillo conspired with two employees of the MVA who worked in the Largo branch office, to produce and transfer Maryland driver's licenses without lawful authority. Read more at baltimore.cbslocal.com.

AUGUST

AAMVA RFQ FY19-20204 Redgate Software Renewal
August 19, 2019

AAMVA RFQ FY19-20278: Symantec Renewal
August 20, 2019

AAMVA RFQ FY19-20254: Cisco Hardware Purchase
August 20, 2019

AAMVA RFP FY20 - 20267: 2019 November IDEC & TMS Working Group Meeting
August 22, 2019

SEPTEMBER

AAMVA RFQ FY19-18610: Learning Management System (LMS) Software
September 3, 2019

AAMVA RFP No. FY21-20205: 2020 Region 1 Planning & Administrators Meeting
September 6, 2019

AAMVA RFP FY21-17941: 2021 Region 1 Conference
September 6, 2019

DMV Offices Across Nebraska Will Have Shorter Hours During September for Staff Training

Driver licensing offices across Nebraska will be closed some days or hours in September for staff training. The Nebraska Department of Motor Vehicles announced that some offices will have reduced hours, while others will close for entire days between Sept. 9 and Sept. 30. The closings will allow driver license examiners to get training on fraudulent document recognition and the latest fraud prevention techniques. It also will allow them to learn about administering the latest version of the commercial driver license and motorcycle skills tests. Read more at omaha.com.

Jail Time for Drivers Who Illegally Pass School Buses Could Soon Become Reality in Avon Lake (Ohio)

A new school year means more school buses will soon be on the roads. And while police in Avon Lake will be beefing up patrols for drivers who illegally pass school buses, one city councilman wants to put violators behind bars. If passed, Avon Lake will become the first in Northeast Ohio to add jail time for drivers [who] illegally pass school buses. Ward IV Councilman David Kos introduced the ordinance that will increase fines from $500-$750, and allow a judge to impose up to a 30-day jail sentence. Read more at fox8.com.

Ohio Freezes Most Law Enforcement Access to Facial-Recognition Analysis of Driver's License Photos

Most law enforcement agencies in Ohio will lose — at least temporarily — access to a database of roughly 21 million driver's license photos taken in the state after a decision Ohio Attorney General David Yost announced yesterday...After media reports revealed federal law enforcement practices using facial recognition software on state driver's license databases, Yost earlier this year asked for a review of the database and the way officers use it. That inquiry didn't find any improper conduct, but, before they log back on, Yost wants the roughly 4,500 officers who had access to the system trained on the current weaknesses possible with facial recognition software that could lead to gender or racial bias. Read more at citybeat.com.

This Guy Got the License Plate 'NULL' and It Was a Total Disaster (California)

A cybersecurity expert tested a galaxy-brain plan to hide his car from license plate readers and ticketing systems: registering the vanity license plate 'NULL.' His plan worked, sort of — the NULL plates definitely caused a problem within the system. But they also caused a citation processing center to send the guy, who goes by 'Droogie' in the cybersec community, $18,000 worth of parking tickets and other fines, according to Utah radio station KNRS. Droogie got the first wave of fines dismissed — but his attempt to game the system provides a whimsical warning against throwing a wrench into the mechanism of the DMV. Read more at futurism.com.

Governor Proclaims Aug. 12 'Colorado Motorcycle Memorial Day'

2019 is on pace to become one of the deadliest years on the road this decade for motorcyclists. To date, there have been 65 fatal motorcycle crashes, compared to 60 at this time last year. Since 2012, motorcycle fatalities on Colorado's roads have increased 30 percent. State officials are hoping to increase awareness about motorcycle safety, both for riders and the drivers who share the roads with them. Read more at kktv.com.

As Colorado Considers an Electric-Vehicle Mandate, Here's What to Expect

Whether Colorado becomes a zero-emission vehicle state could be decided this week, as the state Air Quality Control Commission kicks off a three-day hearing on Tuesday. If the commission decides to move forward, Colorado would become the

10th state to adopt California's ZEV policy, which requires automakers to offer a certain number of electric vehicles in those states. Read more at coloradosun.com.

Gender-Neutral Option on Washington State Driver's Licenses Gets First Public Hearing

The first of three public hearings regarding a third gender marker on Washington driver's licenses was held Monday evening. Representatives from the state's Department of Licensing heard public opinion on offering a non-binary option on driver's licenses. Under consideration is the addition of an 'X' when getting a license. The change would also affect instruction permits and state ID cards. Read more at king5.com.



Michelin's NexTraq Unit Launches Digital Safe-Driving Tool

NexTraq L.L.C., a Michelin company focused on telematics solutions, has developed a digital tool that disables drivers' smartphones and tablet screens while their vehicle is in motion. The new tool—dubbed 'MobileBlock'—was developed in partnership with SafeDrivePod International B.V., Michelin said, and is designed to help managers enforce company policies restricting unauthorized use of company-issued tablets and smartphones, thus limiting distractions. Read more at rubbernews.com.

Heidi King, Acting Head of National Highway Traffic Safety Administration Resigns

Heidi King, the acting head of the National Highway Traffic Safety Administration, has resigned, the U.S. Department of Transportation confirmed Wednesday. The deputy administrator of the nation's top traffic safety watchdog, King was awaiting Senate confirmation to permanently lead the agency. Her resignation is effective Aug. 31, according to the U.S. DOT...James Owens, U.S. DOT deputy general counsel, will replace King as deputy administrator and will serve as the agency's acting administrator, the U.S. DOT said. Read more at freep.com.

FMCSA Unveils Proposed Changes to Hours-of-Service Rules

The Federal Motor Carrier Safety Administration on Aug. 14 issued a long-awaited proposal to make changes to its hours-of-service rules that would increase truck drivers' flexibility with their 30-minute rest break and with allocating time in a sleeper berth. The proposal also would extend by two hours duty time for drivers encountering adverse weather and expand the current 100 air-mile 'shorthaul' exemption from 12 hours on-duty to 14 hours on-duty, consistent with workday rules for longhaul truck drivers. Read more at ttnews.com.

New Video Offers Tips on Sharing the Road Safely With Trucks

The Federal Motor Carrier Safety Administration recently released a video asking motorists to drive safely and distraction-free when sharing the road with commercial motor vehicles. Created as part of FMCSA's Our Roads, Our Safety campaign, the one-minute video features testimony from Wisconsin-based truck driver Dick Pingel, a member of the board of directors for the Owner-Operator Independent Drivers Association – a partnering organization in the campaign. Read more at safetyandhealthmagazine.com.

This Hacker Made Clothes That Can Confuse Automatic License Plate Readers

In a future where everything is surveilled by computer vision algorithms, even the patterns on our clothing can be subversive. Digital security professional and fashion designer Kate Rose doesn't just design textile patterns. She sullies the databases gathered by license plate readers by creating clothes covered in fake license plates. If you've ever gotten a traffic ticket in the mail—sometimes complete with a photo of your vehicle, with yourself and passengers looking stunned in the front seat—your car has likely encountered an Automatic License Plate Reader, or ALPR. Read more at vice.com.

Like the Biker a Catasauqua Trucker Allegedly Hit on Purpose, Some Motorcyclists Say They Have Targets on Their Backs

Santos, a barber from Lower Saucon Township, likes the wind in his face as much as any biker, but he tries to be considerate of other motorists — yielding, signaling lane changes, keeping his distance to the extent possible in the Lehigh Valley's heavy traffic. It's a matter of self-preservation. Santos said more than a few car and truck drivers seem to have an inborn resentment toward motorcyclists. So when he read about the Catasauqua truck driver accused of intentionally ramming a motorcyclist whose driving annoyed him, he was bothered but not surprised. According to court records, motorcyclist Paul A. Entler suffered a collapsed lung, multiple broken ribs and a broken leg last week when 54-year-old Matthew E. Dietrich allegedly swerved into him at Race Street and Willowbrook Road in Hanover Township, Lehigh County. Police said Dietrich admitted hitting Entler deliberately because he thought the biker was driving carelessly. Read more at mcall.com.

@AAMVAConnection has been watching the twitter feed and decided to highlight some of the tweets here. Links are provided within most of the tweets, and we have also provided a link to each tweet as well. Note that you do not have to have an account or sign in to Twitter to view the message posts, images associated with the post, and the reach of the message (retweets, favorited, etc.).

Stay on top of the chatter in the MVA and LE community. You may be surprised at what you're missing! Follow @AAMVAConnection.

Check out recent @AAMVAConnection Twitter action.

*****Thank you for the @AAMVAConnection mentions!*****

CVSA @CVSA | View the Tweet

Here they are. Here's your first look at the 51 inspectors who will compete this week to earn the ultimate honor, the 2019 #NAIC Grand Champion Award. One of these inspectors will be this year's winner. Who will it be?

cvsa.jpg?r=1565979639676

MD State Police @MDSP | View the Tweet

Recent motorcycle crashes are prompting @mdsp to issue a reminder for both motorcyclists and other drivers to take precautions, especially during the remaining warm weather months. Since 7/28, troopers have responded to 6 fatal motorcycle crashes. READ >> https://bit.ly/2KxqhEu

mdsp.jpg?r=1565979692364

MD_MVA @MD_MVA | View the Tweet

Administrator Nizer and Governor Hogan demonstrated the Driver Alcohol System for Safety at #MACOcon. #MDOTInnovates

Learn more in our newsroom: http://bit.ly/2KPpfm2

md_mva.png?r=1565979771629

New Jersey MVC @NJ_MVC | View the Tweet

The Garden State's #Spanishspeaking community has a strong ally in the NJMVC. Chief @SueFulton in her report to MVC Board puts some #salsa on plans to build on successful Spanish language outreach – using everything from #socialmedia to #drivermanuals.

nj_mvc.png?r=1565979857145

NYS DMV @nysdmv | View the Tweet

The family of Colonie teen Niko DiNovo joined @NYSGTSC, DMV, @STOPDWINewYork, and law enforcement to help kick off the annual "Drive Sober or Get Pulled Over" impaired driving crackdown. The statewide campaign runs from Aug 14 thru Sept 2. Read more here https://dmv.ny.gov/press-release/press-release-08-13-2019 ...

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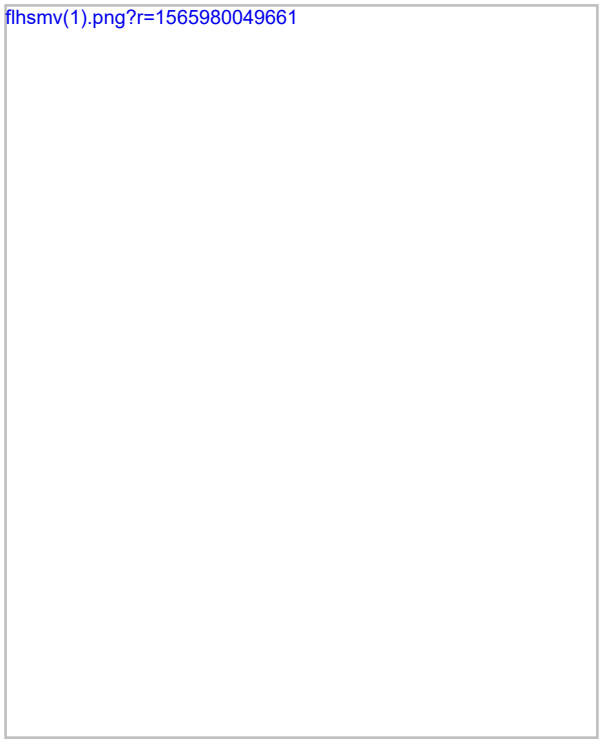
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Iowa State Patrol @iowastatepatrol | View the Tweet

Who says you have to be a kid to enjoy the big slide at the Iowa State Fair??

Several members of the Iowa State Patrol took a few minutes out of their day to have some fun!

Photo Credit: Dan Ponxs
@IowaStateFair

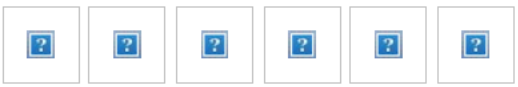


KansasDOT @DriveSafeKansas | View the Tweet

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To: Loiselle, William (POL)
Subject: Advance your police tech now
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Meet With Law Enforcement Technology Leaders at PTX

Taking place December 9-11, 2019, POLICE Technology eXchange, (PTX) brings together senior-level IT, Communications and Technology decision-makers face-to-face with leading law enforcement technology suppliers. **This intimate networking opportunity is at no cost* to police agencies for qualified police agency buyers of IT and other technology**.

A few of the technologies you can experience and discuss during one-on-one meetings with leading industry suppliers include:

Drones | Hybrid Patrol Vehicles | Facial Recognition

- AI & Virtual/Augmented Reality
- e-Citation
- Mobile Data Terminals/Rugged Laptops & Tablets
- ALPR/LPR
- Gunshot Detection Systems
- Intelligence-Led Policing
- Mobile/Rugged Technology
- Investigative Software
- Data/Information Sharing
- Cloud-Based Technology
- Crime Analysis
- Interoperability
- Vehicle Armoring
- Video Storage/Analysis
- Smartphones
- Broadband

At PTX you'll uncover the latest technologies and have an opportunity for peer-to-peer networking activities such as: sharing challenges, discussing ideas, and learning best practices from each other. But, first you must complete the application to participate.

Apply Now to Participate

For more information please visit www.POLICETechnologyeXchange.com or call (800) 576-8788, 9:00am-5:00pm PST

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- Gunshot Detection Systems
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- Mobile/Rugged Technology
- Investigative Software
- Data/Information Sharing
- Cloud-Based Technology
- Crime Analysis
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To: Kiley, Mark (POL)
Subject: Advance your police tech now
Date: Saturday, September 21, 2019 10:01:42 AM

Meet With Law Enforcement Technology Leaders at PTX

Taking place December 9-11, 2019, POLICE Technology eXchange, (PTX) brings together senior-level IT, Communications and Technology decision-makers face-to-face with leading law enforcement technology suppliers. **This intimate networking opportunity is at no cost* to police agencies for qualified police agency buyers of IT and other technology**.

A few of the technologies you can experience and discuss during one-on-one meetings with leading industry suppliers include:

Drones | Hybrid Patrol Vehicles | Facial Recognition

- AI & Virtual/Augmented Reality
- e-Citation
- Mobile Data Terminals/Rugged Laptops & Tablets
- ALPR/LPR
- Gunshot Detection Systems
- Intelligence-Led Policing
- Mobile/Rugged Technology
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Subject: Be on the leading edge of technology solutions
Date: Thursday, September 5, 2019 3:10:49 PM

Apply Now to Be Part of POLICE's New Technology Solutions Networking Event

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Learn More

At PTX you'll uncover the latest technologies and have an opportunity for peer-to-peer networking activities such as: sharing challenges, discussing ideas, and learning best practices from each other.

A few of the technologies you can discuss during one-on-one meetings with leading industry suppliers include:

AI & Virtual/Augmented Reality
Drones/UAV/UAS
Elec/Hybrid Patrol Vehicles
e-Citation
Mobile Data Terminals/Rugged Laptops & Tablets
ALPR/LPR
Gunshot Detection Systems
Intelligence-Led Policing
Mobile/Rugged Technology
Data/Information Sharing
Cloud-Based Technology
Crime Analysis
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Vehicle Armoring
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This intimate networking opportunity is at no cost* to police agencies for qualified police agency buyers of IT and other technology. Learn more and apply now to become

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To: Brenner, Karl (POL)
Subject: Bill Would Require Safety Tech in LE Vehicles
Date: Thursday, October 31, 2019 12:18:35 PM

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Bill Requires Police Fleets to Install Safety Tech

The Protecting Roadside First Responders Act would require federal law enforcement vehicles to be equipped with safety technology and digital alert capabilities.

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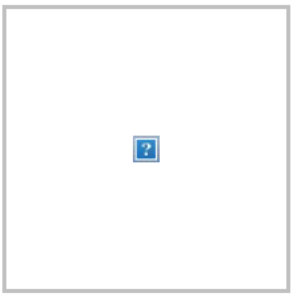
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Date: Wednesday, November 6, 2019 2:08:45 PM

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Event Dates:
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From: POLICE Technology eXchange
To: Loiselle, William (POL)
Subject: Deadline extended: apply by November 8th
Date: Wednesday, November 6, 2019 2:08:00 PM

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From: POLICE Technology eXchange
To: Favuzza, Robert (POL)
Subject: Deadline extended: apply by November 8th
Date: Wednesday, November 6, 2019 2:07:58 PM

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From: POLICE Technology eXchange
To: Michno, Michael (POL)
Subject: Deadline extended: apply by November 8th
Date: Wednesday, November 6, 2019 2:07:56 PM

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From: POLICE Technology eXchange
To: zzGaughan, Martin (POL)
Subject: Deadline extended: apply by November 8th
Date: Wednesday, November 6, 2019 2:05:09 PM

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From: POLICE Technology eXchange
To: Procopio, David (POL)
Subject: Deadline extended: apply by November 8th
Date: Wednesday, November 6, 2019 2:03:12 PM

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From: POLICE Technology eXchange
To: Harvey, Michael (POL)
Subject: Deadline extended: apply by November 8th
Date: Wednesday, November 6, 2019 2:00:46 PM

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From: POLICE Technology eXchange
To: Doyle, Paul (POL)
Subject: Deadline extended: apply by November 8th
Date: Wednesday, November 6, 2019 2:08:45 PM

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From: Brenner, Karl (POL)
To: Fernandes, Paul (POL); Robles, Francis Jr. (POL)
Cc: Winslow Stimpson
Subject: FW: Bill Would Require Safety Tech in LE Vehicles
Date: Tuesday, November 12, 2019 11:31:00 AM

See below.

Respectfully,
Lt. Karl P. Brenner #2312
Fleet Administrator
Massachusetts State Police
490 Worcester Rd.
Framingham MA 01701
Office -(508) 820-2276
Fax- (508) 820-2272

From: Police Fleet News [mailto:policefleetnews@bobitenews.com]
Sent: Thursday, October 31, 2019 12:18 PM
To: Brenner, Karl (POL)
Subject: Bill Would Require Safety Tech in LE Vehicles

Oct 31, 2019 View online version

Bill Requires Police Fleets to Install Safety Tech

The Protecting Roadside First Responders Act would require federal law enforcement vehicles to be equipped with safety technology and digital alert capabilities.

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Chicago Police Orders 200 Ford PIU Hybrids

The Chicago Police Department will soon take delivery of 200 Ford Police Interceptor Utility Hybrid vehicles, which are made in the city.

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Next-Gen Axon Dash Cams to Include License Plate Readers

The Axon Fleet 3 in-car video system will feature automated license plate recognition (ALPR) with built-in controls to promote transparency and privacy.

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2020 Ford Police Interceptor Utility Walkaround [Video]

James Morgan, government sales manager, explains what sets the 2020 Ford Police Interceptor apart from the Ford Explorer, what's changed from previous models, and what's stayed the same.

READ MORE

John Deere Introduces Special Application Vehicles for First Responders

John Deere's new line of special application vehicles address the unique needs of police, fire, rescue, and security as well as the broader needs of governmental customers.

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Gamber-Johnson's Toughbook Offers Motion Attachments

Gamber-Johnson introduced a new family of premium Mongoose motion attachment products for use in public safety and enterprise fleets.

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From: Cunningham, Wayne
To: Albert Kevin (kalbert@town.canton.ma.us); Anderson Adrienne (aanderson@needhamma.gov); Barber Daniel (dbarber@stoughton-ma.gov); Bill McGrath (wmcgrath@police.wrentham.ma.us); Bob (Oakey) O"Connell (roconnell@police.wrentham.ma.us); Walsh, Robert; Brooks, William G. III; Carmichael John (jcarmichael@walpolepd.com); Colecchi Mike (mcolecchi@franklinma.gov); Connolly, Chris; Cunningham, Wayne; Curran, Peter (pcurran@norwoodma.gov); Derick Cassidy (dcassidy@police.wrentham.ma.us); D"Innocenzo, Mark; Dom Tiberi (dtiberimpd@yahoo.com); Don Murphy (dmurphy@westwoodpd.org); Doyle, M; Droney, Paul; Dunajski, Stan; Farioli, Mark (NFK); Farwell Matt (mfarwell@stoughtonpd.org); Flanagan Chris (cflanagan@norwoodma.gov); Floyd, Jim (jfloyd@police.plainville.ma.us); Gallagher, Bob; Gallerani, Brian; Gonski Deb (dgonski@police.dedham-ma.gov); Gover, John (jgover@norwoodma.gov); Grace, Michael; Greene Brendan (bgreene@norwoodma.gov); Griffin Kyle (kgriffin@walpolepd.com); Grover Rick (rgrover@franklinma.gov); Hartford John (jhartford@stoughtonpd.org); Hoffman Pat (phoffman@foxboroughpolice.com); James Barrett (jbarrett@police.wrentham.ma.us); John Schlittler (jschlittler@needhamma.gov); Keleher Tom (tkeleher@town.canton.ma.us); Kevin Lima (klima@stoughtonpd.org); Mahoney, Kevin; Lee Drake (ldrake@franklinma.gov); Lopes Tony (alopes@norwoodma.gov); Lucie, Anthony; Lynch, Dennis (NFK); Manocchio Mark (mmanocchio@franklinma.gov); Mark Bohnenberger; McLaughlin John (jmclaughlin@police.plainville.ma.us); Powers, Meaghan (NFK); Meneses James (jmeneses@norfolk.ma.us); Buckley, Michel; Nikolaides James (jnikolaides@police.dedham-ma.gov); O"Brien Jr. , Joe (obrienjr@needhamma.gov); Palladini Michelle (mpalladini@norfolk.ma.us); Pantazelos, Keith (NFK); Morrison, Pat; Paul Gallagher (pgallagher@town.canton.ma.us); Peter Kelly (pkelly@norwoodma.gov); Piro, Glen (gpiro@town.canton.ma.us); Quirk, Robert; Rich Kelleher (rkelleher@walpolepd.com); Porro, Rich; Rovaldi Matt (mrovaldi@townofsharon.org); Ryan, Paul; Schlittler, Mike; scoffey@townofsharon.org; Shelly Bento (mbento@medfield.net); Stokes, Derrick; Sullivan, Brian (POL); Tim Sullivan (tsullivan@walpolepd.com); Tolland Ian (itolland@walpolepd.com); Vinci, J; Welch, Bob (rwelch@stoughton-ma.gov)
Subject: FW: NORPAC LPR
Date: Wednesday, June 26, 2019 3:48:03 PM

Detectives,

Attached please find a link to a flyer for ALPR training that Wellesley PD is hosting July 31st at Babson College.

Wayne Cunningham
Detective Lieutenant
Wellesley Police Department
Bureau of Criminal Investigation
781-235-2208 Ext. 5
FBINA 191

From: Whittemore, Scott
Sent: Wednesday, June 26, 2019 1:10 PM
To: Cunningham, Wayne <wcunningham@wellesleyma.gov>
Subject: NORPAC LPR

LT-

Can you put this training out to your NORPAC list? The upside on this is that everyone who attends get 30 days free access to commercial data, and they will have some idea of what Wellesley can do for them in investigations.

Here's the link: https://vslea.org/default.aspx?act=EventBuilderViewList.aspx&tag=MA&listtype=public&category=&menuitemid=5&MenuGroup=Public

Thanks.

Scott Whittemore
Deputy Police Chief

Wellesley Police Department
485 Washington Street
Wellesley, Mass 02482
781-235-0062
@WellesleyPolice
FBINA #265

From: Cunningham, Wayne
To: Albert Kevin (kalbert@town.canton.ma.us); Anderson Adrienne (aanderson@needhamma.gov); Barber Daniel (dbarber@stoughton-ma.gov); Bill McGrath (wmcgrath@police.wrentham.ma.us); Bob (Oakey) O"Connell (roconnell@police.wrentham.ma.us); Walsh, Robert; Brooks, William G. III; Carmichael John (jcarmichael@walpolepd.com); Colecchi Mike (mcolecchi@franklinma.gov); Connolly, Chris; Cunningham, Wayne; Curran, Peter (pcurran@norwoodma.gov); Derick Cassidy (dcassidy@police.wrentham.ma.us); D"Innocenzo, Mark; Dom Tiberi (dtiberimpd@yahoo.com); Don Murphy (dmurphy@westwoodpd.org); Doyle, M; Droney, Paul; Dunajski, Stan; Farioli, Mark (NFK); Farwell Matt (mfarwell@stoughtonpd.org); Flanagan Chris (cflanagan@norwoodma.gov); Floyd, Jim (jfloyd@police.plainville.ma.us); Gallagher, Bob; Gallerani, Brian; Gonski Deb (dgonski@police.dedham-ma.gov); Gover, John (jgover@norwoodma.gov); Grace, Michael; Greene Brendan (bgreene@norwoodma.gov); Griffin Kyle (kgriffin@walpolepd.com); Grover Rick (rgrover@franklinma.gov); Hartford John (jhartford@stoughtonpd.org); Hoffman Pat (phoffman@foxboroughpolice.com); James Barrett (jbarrett@police.wrentham.ma.us); John Schlittler (jschlittler@needhamma.gov); Keleher Tom (tkeleher@town.canton.ma.us); Kevin Lima (klima@stoughtonpd.org); Mahoney, Kevin; Kiewlicz Andrew (akiewlicz@walpolepd.com); Lee Drake (ldrake@franklinma.gov); Lopes Tony (alopes@norwoodma.gov); Lucie, Anthony; Lynch, Dennis (NFK); Manocchio Mark (mmanocchio@franklinma.gov); Mark Bohnenberger; McLaughlin John (jmclaughlin@police.plainville.ma.us); Powers, Meaghan (NFK); Meneses James (jmeneses@norfolk.ma.us); Buckley, Michel; Nikolaides James (jnikolaides@police.dedham-ma.gov); O"Brien Jr. , Joe (obrienjr@needhamma.gov); Palladini Michelle (mpalladini@norfolk.ma.us); Pantazelos, Keith (NFK); Morrison, Pat; Paul Gallagher (pgallagher@town.canton.ma.us); Peter Kelly (pkelly@norwoodma.gov); Piro, Glen (gpiro@town.canton.ma.us); Quirk, Robert; Rich Kelleher (rkelleher@walpolepd.com); Porro, Rich; Rovaldi Matt (mrovaldi@townofsharon.org); Ryan, Paul; Schlittler, Mike; scoffey@townofsharon.org; Shelly Bento (mbento@medfield.net); Stokes, Derrick; Sullivan, Brian (POL); Tim Sullivan (tsullivan@walpolepd.com); Tolland Ian (itolland@walpolepd.com); Vinci, J; Welch, Bob (rwelch@stoughton-ma.gov)
Subject: FW: NORPAC LPR
Date: Monday, July 22, 2019 11:48:08 AM

Ladies and Gentlemen,

Attached please find a hyperlink to enroll in ALPR training to be sponsored by Wellesley PD and held at Babson College. The training is scheduled for Wednesday, July 31 and there are still seats available.

The amount of ALPR recorded plates is amazing.

I recommend that each agency send at least one representative.

Wayne Cunningham
Detective Lieutenant
Wellesley Police Department
Bureau of Criminal Investigation
781-235-2208 Ext. 5
FBINA 191

From: Cunningham, Wayne
Sent: Wednesday, June 26, 2019 2:24 PM
To: Whittemore, Scott <swhittemore@wellesleyma.gov>
Subject: Re: NORPAC LPR

Will do

Get Outlook for iOS

From: Whittemore, Scott
Sent: Wednesday, June 26, 2019 1:10:17 PM
To: Cunningham, Wayne
Subject: NORPAC LPR

LT-

Can you put this training out to your NORPAC list? The upside on this is that everyone who attends get 30 days free access to commercial data, and they will have some idea of what Wellesley can do for them in investigations.

Here's the link: https://vslea.org/default.aspx?act=EventBuilderViewList.aspx&tag=MA&listtype=public&category=&menuitemid=5&MenuGroup=Public

Thanks.

Scott Whittemore
Deputy Police Chief
Wellesley Police Department
485 Washington Street
Wellesley, Mass 02482
781-235-0062
@WellesleyPolice
FBINA #265

From: Range, Scott (POL)
To: Mason, Christopher (POL); Dermot Quinn (dermot.quinn@massmail.state.ma.us)
Cc: Thibault, Amy (POL)
Subject: FW: Northeast Healthcare Law Enforcement Association, May 2019 Conference
Date: Tuesday, March 12, 2019 4:39:00 PM

Deputy Superintendent Mason and Lt. Col. Quinn,

Kristine Foley has agreed to assist with the CFC presentation for the Northeast Healthcare Law Enforcement Association Meeting on May 15. Amy and I provided the details below to her and she is available on that date. She just needs to know how long the presentation should be and any other details that this group is able to provide ahead of time (parking, location, etc.). Please let us know if this is acceptable to everyone's needs.

Respectfully,
Scott

From: Range, Scott (POL)
Sent: Monday, March 11, 2019 3:22 PM
To: Thibault, Amy (POL)
Subject: RE: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Thanks Amy

From: Thibault, Amy (POL)
Sent: Monday, March 11, 2019 3:13 PM
To: Range, Scott (POL)
Cc: Quinn, Dermot (POL)
Subject: RE: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Kristine is available and happy to present.

Respectfully,
Amy

From: Range, Scott (POL)
Sent: Tuesday, March 05, 2019 7:34 PM
To: Thibault, Amy (POL)
Cc: Quinn, Dermot (POL)
Subject: FW: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Amy,

Let's discuss this conference tomorrow when you have time. Can you please check yours and Kristine Foley's availability on the date in question (please see below) to see if either of you could present the CFC overview with resources presentation on that date. They didn't say how long of a time slot so it may need to be modified once they do. Once we know yours and Kristine's availability we can check with Lt. Col. Quinn (who is copied on this) and Deputy Mason. I believe Lt. Col. Quinn would also like real time demos (not sure if he would like to assist with this aspect but he may).

Thanks

On Mar 4, 2019, at 10:12 PM, Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us> wrote:

> Yes sir.
>
> Scott,
>
> Let's discuss how best to address this group. We can put our best foot forward and show what we have to offer. I'm thinking a combination of PP and on line real time demos (sanitized).
>
> We can discuss the details tomorrow and then check with the Deputy.
>
> Rose,
>
> Please add this to my calendar.
>
> Thanks
>
> Dermot

Sent from my Verizon 4G LTE smartphone

-------- Original message --------
From: "Mason, Christopher (POL)" <Chris.Mason@pol.state.ma.us>
Date: 3/4/19 5:09 PM (GMT-05:00)
To: "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>
Subject: FW: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Sir,
I spoke with Mr. Pfister regarding the below request. He stated that NESPIN would be speaking and asked if the MSP wanted to add what they could add to an investigation. I stated that the CFC could speak to what services they provide (Coplink, Facial Rec, Lineups, ALPR,BOLOs, etc,) investigators. He indicated that he would like that and could add the CFC to agenda. I will attend on May 15th to represent the MSP. DO we have a rep from the CFC that could present on that day?

Lieutenant Colonel Christopher S. Mason
Deputy Superintendent
Massachusetts State Police
470 Worcester Road
Framingham, MA. 01720

508.820.2330

From: Pfister, Steven (AGO)
Sent: Sunday, March 3, 2019 7:03 PM
To: Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>
Cc: Gilpin, Kerry (POL) <kerry.gilpin@pol.state.ma.us>
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference

My office line is 617-963-2699. I look forward to speaking with you.

From: Mason, Christopher (POL) <chris.mason@pol.state.ma.us>
Sent: Sunday, March 3, 2019 6:48 PM
To: Pfister, Steven (AGO)
Cc: Gilpin, Kerry (POL)
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Steven,
Thank you and I will contact you tomorrow to discuss the details.

Lt. Colonel Christopher Mason
Deputy Superintendent
Massachusetts State Police

On Mar 3, 2019, at 6:22 PM, Pfister, Steven (AGO) <steven.pfister@mass.gov> wrote:

> Colonel Gilpin,
>
> Thank you for getting back to me and sorry you will not be able to attend. We would absolutely like a representative from your organization to attend and give a briefing if possible. Deputy Superintendent Mason, I look forward to hopefully working with you. Please let me know if you have any further questions.
>
> Best,
>
> Steven Pfister
> Investigator
> Massachusetts Office of the Attorney General

From: Gilpin, Kerry (POL) <kerry.gilpin@pol.state.ma.us>
Sent: Sunday, March 3, 2019 5:57 PM
To: Pfister, Steven (AGO)
Cc: Mason, Christopher (POL)
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Steven,

Thank you very much for the invitation. Unfortunately, I have a previous commitment on those dates. I have copied Deputy Superintendent Chris Mason above. We will ensure that there is MSP representation at the conference.

Respectfully,

Kerry

Colonel Kerry A. Gilpin
Superintendent
Massachusetts State Police
470 Worcester Road
Framingham, MA 01702
508-820-2350

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From: Pfister, Steven (AGO)
Sent: Monday, February 25, 2019 2:21 PM
To: Gilpin, Kerry (POL)
Cc: Ucuz, Gregoire (AGO)
Subject: Northeast Healthcare Law Enforcement Association, May 2019 Conference

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Best,

Steven Pfister

Investigator

Medicaid Fraud Division

MA Office of the Attorney General

(617) 963-2699

From: Thibault, Amy (POL)
To: Foley, Kristine (POL)
Subject: FW: Northeast Healthcare Law Enforcement Association, May 2019 Conference
Date: Monday, March 11, 2019 3:12:00 PM

From: Range, Scott (POL)
Sent: Tuesday, March 05, 2019 7:34 PM
To: Thibault, Amy (POL)
Cc: Quinn, Dermot (POL)
Subject: FW: Northeast Healthcare Law Enforcement Association, May 2019 Conference

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From: Thibault, Amy (POL)
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Subject: FW: Northeast Healthcare Law Enforcement Association, May 2019 Conference
Date: Wednesday, March 13, 2019 7:17:19 AM

Kristine,
Please reach out to Mr. Pfister.

From: Range, Scott (POL)
Sent: Tuesday, March 12, 2019 7:20 PM
To: Quinn, Dermot (POL)
Cc: Mason, Christopher (POL); Thibault, Amy (POL)
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Received Sir, will do

Respectfully,
Scott

Sent from my iPhone

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> Thanks
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> DJQ
>
> **From:** Range, Scott (POL) <scott.range@pol.state.ma.us>
> **Sent:** Tuesday, March 12, 2019 4:40 PM
> **To:** Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>; Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
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470 Worcester Road
Framingham, MA 01702
508-820-2350

CONFIDENTIALILTY NOTICE: The information contained in this email and any attachment(s) is privileged and confidential law enforcement information. If you are not the intended recipient, you are hereby notified that any disclosure, dissemination, or copying of this communication is strictly prohibited. If you have received this message in error, please delete this email immediately.

From: Pfister, Steven (AGO)
Sent: Monday, February 25, 2019 2:21 PM
To: Gilpin, Kerry (POL)
Cc: Ucuz, Gregoire (AGO)
Subject: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Colonel Gilpin,

We are reaching out from the Massachusetts Attorney

General's Office MFCU in regards to the Northeast Healthcare Law Enforcement Association (NHLEA) conference which will be held on **MAY 15th and 16th, 2019** at the **Sheraton Four Points**, located at 3800 State Highway, **Eastham, MA** 02642.

NHLEA has been in existence since 1995 with Massachusetts as a founding member. NHLEA was established with the dual purpose of promoting joint healthcare fraud enforcement investigations and providing staff training opportunities. NHLEA is comprised of representatives from the six New England states and New York. The members include staff from the Medicaid Fraud Control Units (MFCUs) of seven states, the United States Attorney's Office (USAO), the Regional Office of Inspector General (DHHS/OIG/OI), the Federal Bureau of Investigations, the Drug Enforcement Agency, the Food and Drug Administration (FDA), and the Massachusetts Board of Registry in Medicine (BORIM).

Established as the first regional organization of state and federal healthcare fraud professionals, NHLEA's mission is to develop practical, results-oriented strategies to combat fraud and abuse in the medical field. The NHLEA pursues its mission by promoting the sharing of information and resources among its members and by improving interagency cooperation and federal-state relations in the fight against healthcare fraud.

MFD plans to host the conference on either an annual or biannual basis in conjunction with the Rhode Island MFCU and DHHS/OIG/OI. Attached is an agenda of the training when it was last hosted in 2014.

Lodging:

There are 40 rooms held for a government rate of $113/night, available for check-in on May 14th and check-out on May 16th (two night stay). The deadline to book rooms at the government rate is April 1st. Breakfast will be included both mornings. A link to the hotel's website is here. Please mention the NHLEA conference when booking.

Attendance:

Even though each attendee or unit shall book rooms directly with the hotel on a first-come first-serve basis, once you have a sense of how many attendees your unit plans to send please let us know. There is no cost for the program.

Presentations:

At this time we are accepting proposals for presentations. Attached is a *Call for Presentation* form. The deadline to submit proposals to us is March 15th. Also attached, is a past NHLEA agenda to give you a sense of past topics. We encourage you to submit any and all topics for the purpose of establishing a well-rounded training agenda.

Please do not hesitate to reach out if you have any questions. We look forward to sharing this training opportunity with you all.

Best,

Steven Pfister

Investigator

Medicaid Fraud Division

MA Office of the Attorney General

(617) 963-2699

From: Quinn, Dermot (POL)
To: Egnitz, Brian (POL); Sojka, Robert (POL)
Subject: FW: Regional Trafficking Summit - Registration Confirmation
Date: Wednesday, January 16, 2019 11:29:54 AM

Please book a room if you can make it. I'll try to get the van.

From: Linda Tartaglia <linda.tartaglia@cop.rutgers.edu>
Sent: Monday, January 14, 2019 2:30 PM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
Subject: Regional Trafficking Summit - Registration Confirmation

Subject: Regional Trafficking Summit - Registration Confirmation

Regional Trafficking Summit Attendee:

This email is to confirm you are registered to attend the Regional Trafficking Summit on January 28 & 29th, 2019.

A block of guest rooms has been reserved for summit attendees at the **Hyatt Regency on the Hudson, 2 Exchange Place, Jersey City, N.J.** If you haven't done so **Please click here to secure a room as soon as possible.**

The 1st day of the program will be held at the Hyatt and will commence at 1:00 p.m. Registration will begin at 12:30 p.m. The program is scheduled to end at 5:30. p.m. A sponsored dinner will be held at Porto Legerro restaurant on 185 Hudson St, Jersey City (a short 4-minute walk from the hotel) from 6:00 p.m. to 9:00 p.m. that evening.

The 2nd day of the program will be held at New York Police Department. Attendees will depart the hotel at 7:30 a.m. and embark on NYPD marine vessels to transport across the Hudson River. Transportation will be provided to the meeting location. We anticipate the program ending at noon and transportation will be provided back to the hotel.

All questions should be posed to Rick Fuentes, who currently works with the Rutgers University Center on Policing and the NJUASI to advance statewide and regional information-sharing programs. He can be reached by email at rrixmail@comcast.net and by phone at (201)554-5514.

Thank you in advance for attending this important summit, and for your participation in this groundbreaking effort to collect, assess, and share ALPR data across the northeastern United States.

Regards,

Linda

Linda Tartaglia
Director
Center on Policing
Rutgers University
106 Somerset St. 7th floor
Room 754
New Brunswick, NJ 08901
848 932-9898 office
[redacted] cell
Linda.tartaglia@pi.rutgers.edu

From: Gilpin, Kerry (POL)
To: Quinn, Dermot (POL)
Subject: Fw: Regional Trafficking Summit Invite
Date: Saturday, January 12, 2019 1:24:05 PM

FYI

Colonel Kerry A. Gilpin
Superintendent
Massachusetts State Police
470 Worcester Road
Framingham, MA 01702
508-820-2350

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From: Linda Tartaglia <linda.tartaglia@cop.rutgers.edu>
Sent: Friday, January 4, 2019 2:49 PM
To: Linda Tartaglia
Cc: rick fuentes; Thomas O'Reilly; James Sheehan
Subject: Regional Trafficking Summit Invite

Good Afternoon,

Recently, New York City Police Department (NYPD) Commissioner James P. O'Neill and New Jersey State Police (NJSP) Colonel Patrick Callahan invited you to attend a Regional Trafficking Summit in New Jersey and New York on January 28-29,2019. Former NJSP superintendent and colonel Rick Fuentes followed up with an email which may have gone to your spam file. Please check your spam file for previous information.

This conference – hosted jointly by the NJSP, NYPD and the Northern New Jersey Urban Area Security Initiative (NJUASI) – will be facilitated by the Rutgers University Center on Policing. It will gather 12 state police superintendents, 12 major city chiefs and representatives of numerous federal agencies with responsibilities along the Interstate 95 corridor between Richmond, Virginia and Boston, Massachusetts, to discuss the feasibility and productivity of linking and sharing automated license plate reader data.
Establishing a linkage across the northeast region of the United States will immeasurably

increase our effectiveness in addressing issues of counterterrorism, drug trafficking, human and weapons trafficking, Amber and Silver Alerts and other threats to our public safety.

Please register by Monday, January 7th . Please click here to register and RSVP to Rutgers Center on Policing by January 7th, 2019.

During the morning of Monday, January 28, 2019, attendees will arrive at the Hyatt Regency on the Hudson, 2 Exchange Place, Jersey City, N.J. A block of rooms has been reserved for the summit Please click here to make your room reservations. This should also be done by January 7th, 2019.

All questions should be posed to Rick Fuentes, who currently works with the Rutgers University Center on Policing and the NJUASI to advance statewide and regional information-sharing programs. He can be reached by email at rrixmail@comcast.net and by phone at (201)554-5514.

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Regards,
Linda

Linda Tartaglia
Director
Center on Policing
Rutgers Unitversity
106 Somerset St
7th floor
New Brunswick, NJ 08901
O 848 932 9898
C 609 203 0770
Linda.tartaglia@cop.rutgers.edu

From: Egnitz, Brian (POL)
To: Griffin, Daniel (POL); Fitzgerald, Thomas (POL)
Subject: FW: SJC-12750 - Notice of Docket Entry
Date: Monday, July 29, 2019 9:22:10 AM

Please forward if you know anyone who would file, it's an important ALPR case.

-----Original Message-----
From: SJCCommClerk@sjc.state.ma.us [mailto:SJCCommClerk@sjc.state.ma.us]
Sent: Friday, June 14, 2019 6:00 PM
To: Sweeney, Elizabeth (CPI)
Subject: SJC-12750 - Notice of Docket Entry

Supreme Judicial Court for the Commonwealth of Massachusetts

RE: Docket No. SJC-12750

Commonwealth
v.
Jason McCarthy

NOTICE OF DOCKET ENTRY

Please take note that the following entry was made on the docket of the above-referenced case:

June 14, 2019 - ANNOUNCEMENT: The Justices are soliciting amicus briefs. Whether either a search warrant or a court order is required before obtaining automatic license plate recognition (ALPR) data collected from fixed points for a particular vehicle. See 18 U.S.C. s. 2518 (Electronic Communications Privacy Act); 18 U.S.C. s. 2703 (Stored Communications Act).

Francis V. Kenneally, Clerk

Dated: June 14, 2019

To:
Paul Alan Bogosian, Esquire
Elizabeth Anne Sweeney, A.D.A.

From: Egnitz, Brian (POL)
To: tgover@wellesleyma.gov
Subject: FW: SJC-12750 - Notice of Docket Entry
Date: Monday, July 29, 2019 9:21:00 AM

Can you please forward this on to your vigilant rep. I got your info from the training your hosting. Below is an important ALPR case.

Thanks, Brian

Brian Egnitz
Commonwealth Fusion Center
Massachusetts State Police
Phone: 978-451-3710 (Maynard) 508-988-7302 (GHQ)
Email: Brian.Egnitz@massmail.state.ma.us
Monday - Friday, 8 to 4

CONFIDENTIALITY NOTICE: The information contained in this email and any attachment is privileged and confidential law enforcement information. If you have received this email in error, please call 978-451-3700 immediately. Thank you.

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Francis V. Kenneally, Clerk

Dated: June 14, 2019

To:
Paul Alan Bogosian, Esquire
Elizabeth Anne Sweeney, A.D.A.

From: Egnitz, Brian (POL)
To: John Tedona (jtedona@neology.net)
Subject: FW: SJC-12750 - Notice of Docket Entry
Date: Monday, July 29, 2019 9:19:00 AM

Please see below and file if you guys want. It's a good opportunity.

-----Original Message-----
From: SJCCommClerk@sjc.state.ma.us [mailto:SJCCommClerk@sjc.state.ma.us]
Sent: Friday, June 14, 2019 6:00 PM
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Francis V. Kenneally, Clerk

Dated: June 14, 2019

To:
Paul Alan Bogosian, Esquire
Elizabeth Anne Sweeney, A.D.A.

From: Sweeney, Elizabeth (CPI)
To: Egnitz, Brian (POL)
Subject: FW: SJC-12750 - Notice of Docket Entry
Date: Wednesday, July 24, 2019 4:04:08 PM

Thank you for driving to the cape and meeting with all of us today. Amicus request is below.
Elizabeth

-----Original Message-----
From: SJCCommClerk@sjc.state.ma.us [mailto:SJCCommClerk@sjc.state.ma.us]
Sent: Friday, June 14, 2019 6:00 PM
To: Sweeney, Elizabeth (CPI)
Subject: SJC-12750 - Notice of Docket Entry

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Francis V. Kenneally, Clerk

Dated: June 14, 2019

To:
Paul Alan Bogosian, Esquire
Elizabeth Anne Sweeney, A.D.A.

From: Nardone, Andrea (DAA)
To: Griffin, Daniel (POL)
Subject: FW: SJC-12750 - Notice of Docket Entry
Date: Tuesday, June 18, 2019 1:24:41 PM

FYI - it is going before the SJC.

-----Original Message-----
From: Sweeney, Elizabeth (CPI) <ESweeney@MassMail.State.MA.US>
Sent: Monday, June 17, 2019 3:16 PM
To: DAA-DL-APPLT CHIEFS <DAA-DL-APPLTCHIEFS@MassMail.State.MA.US>
Subject: RE: SJC-12750 - Notice of Docket Entry

Please see amicus announcement below re: whether a SW or a court order is required before obtaining automatic license plate data collected from fixed points. The defendant's brief is due on July 9, Commonwealth on August 8, with an argument scheduled for October 2nd. I'm handling the case for my office.

Elizabeth

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Francis V. Kenneally, Clerk

Dated: June 14, 2019

To:
Paul Alan Bogosian, Esquire
Elizabeth Anne Sweeney, A.D.A.

From: Alford, Pamela (NFK)
To: Beatty, Lisa (NFK)
Cc: Tully, Brian (NFK); Kotkowski, Jeffrey (POL)
Subject: FW: SJC-12750 - Notice of Docket Entry
Date: Monday, June 17, 2019 4:13:58 PM

FYI.

-----Original Message-----
From: Sweeney, Elizabeth (CPI)
Sent: Monday, June 17, 2019 3:16 PM
To: DAA-DL-APPLT CHIEFS <DAA-DL-APPLTCHIEFS@MassMail.State.MA.US>
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Francis V. Kenneally, Clerk

Dated: June 14, 2019

To:
Paul Alan Bogosian, Esquire
Elizabeth Anne Sweeney, A.D.A.

From: Egnitz, Brian (POL)
To: Range, Scott (POL)
Cc: Quinn, Dermot (POL)
Subject: FW: SJC-12750 - Notice of Docket Entry
Date: Monday, July 29, 2019 9:23:00 AM

Hi Major,

Can you please forward to your Brooks Bawden contact or any other vested group, below is an important ALPR case and they are soliciting amicus briefs.

Thanks, Brian

-----Original Message-----
From: Sweeney, Elizabeth (CPI)
Sent: Wednesday, July 24, 2019 4:04 PM
To: Egnitz, Brian (POL)
Subject: FW: SJC-12750 - Notice of Docket Entry

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Francis V. Kenneally, Clerk

Dated: June 14, 2019

To:
Paul Alan Bogosian, Esquire
Elizabeth Anne Sweeney, A.D.A.

From: Quinn, Dermot (POL)
To: Mason, Christopher (POL); Range, Scott (POL); Warren, Rosemary (POL)
Subject: Fwd: Northeast Healthcare Law Enforcement Association, May 2019 Conference
Date: Monday, March 4, 2019 10:12:20 PM

Yes sir.

Scott,

Let's discuss how best to address this group. We can put our best foot forward and show what we have to offer. I'm thinking a combination of PP and on line real time demos (sanitized).

We can discuss the details tomorrow and then check with the Deputy.

Rose,

Please add this to my calendar.

Thanks

Dermot

Sent from my Verizon 4G LTE smartphone

-------- Original message --------
From: "Mason, Christopher (POL)" <Chris.Mason@pol.state.ma.us>
Date: 3/4/19 5:09 PM (GMT-05:00)
To: "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>
Subject: FW: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Sir,
I spoke with Mr. Pfister regarding the below request. He stated that NESPIN would be speaking and asked if the MSP wanted to add what they could add to an investigation. I stated that the CFC could speak to what services they provide (Coplink, Facial Rec, Lineups, ALPR,BOLOs, etc,) investigators. He indicated that he would like that and could add the CFC to agenda. I will attend on May 15th to represent the MSP. DO we have a rep from the CFC that could present on that day?

Lieutenant Colonel Christopher S. Mason
Deputy Superintendent
Massachusetts State Police
470 Worcester Road
Framingham, MA. 01720
508.820.2330

From: Pfister, Steven (AGO)
Sent: Sunday, March 3, 2019 7:03 PM
To: Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>
Cc: Gilpin, Kerry (POL) <kerry.gilpin@pol.state.ma.us>
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference

My office line is 617-963-2699. I look forward to speaking with you.

From: Mason, Christopher (POL) <chris.mason@pol.state.ma.us>
Sent: Sunday, March 3, 2019 6:48 PM
To: Pfister, Steven (AGO)
Cc: Gilpin, Kerry (POL)
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Steven,
Thank you and I will contact you tomorrow to discuss the details.

Lt. Colonel Christopher Mason
Deputy Superintendent
Massachusetts State Police

On Mar 3, 2019, at 6:22 PM, Pfister, Steven (AGO) <steven.pfister@mass.gov> wrote:

> Colonel Gilpin,
>
> Thank you for getting back to me and sorry you will not be able to attend. We would absolutely like a representative from your organization to attend and give a briefing if possible. Deputy Superintendent Mason, I look forward to hopefully working with you. Please let me know if you have any further questions.
>
> Best,
>
> Steven Pfister
> Investigator
> Massachusetts Office of the Attorney General

> **From:** Gilpin, Kerry (POL) <kerry.gilpin@pol.state.ma.us>
> **Sent:** Sunday, March 3, 2019 5:57 PM
> **To:** Pfister, Steven (AGO)
> **Cc:** Mason, Christopher (POL)
> **Subject:** Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Steven,

Thank you very much for the invitation. Unfortunately, I have a previous commitment on those dates. I have copied Deputy Superintendent Chris Mason above. We will ensure that there is MSP representation at the conference.

Respectfully,

Kerry

Colonel Kerry A. Gilpin
Superintendent
Massachusetts State Police
470 Worcester Road
Framingham, MA 01702
508-820-2350

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Cc: Ucuz, Gregoire (AGO)
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healthcare fraud enforcement investigations and providing staff training opportunities. NHLEA is comprised of representatives from the six New England states and New York. The members include staff from the Medicaid Fraud Control Units (MFCUs) of seven states, the United States Attorney's Office (USAO), the Regional Office of Inspector General (DHHS/OIG/OI), the Federal Bureau of Investigations, the Drug Enforcement Agency, the Food and Drug Administration (FDA), and the Massachusetts Board of Registry in Medicine (BORIM).

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Please do not hesitate to reach out if you have any questions. We look forward to sharing this training opportunity with you all.

Best,

Steven Pfister

Investigator

Medicaid Fraud Division

MA Office of the Attorney General

(617) 963-2699

From: Egnitz, Brian (POL)
To: Guerriero, Robert (EOTSS)
Subject: Fwd: Regional Trafficking Summit - Registration Confirmation
Date: Thursday, January 17, 2019 3:19:15 PM

FYI

Begin forwarded message:

> **From:** "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>
> **Date:** January 16, 2019 at 11:29:52 AM EST
> **To:** "Egnitz, Brian (POL)" <brian.egnitz@pol.state.ma.us>, "Sojka, Robert (POL)" <robert.sojka@pol.state.ma.us>
> **Subject: FW: Regional Trafficking Summit - Registration Confirmation**
>
> Please book a room if you can make it. I'll try to get the van.
>
> ---
>
> **From:** Linda Tartaglia <linda.tartaglia@cop.rutgers.edu>
> **Sent:** Monday, January 14, 2019 2:30 PM
> **To:** Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
> **Subject:** Regional Trafficking Summit - Registration Confirmation
>
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>
> Regional Trafficking Summit Attendee:
>
> This email is to confirm you are registered to attend the Regional Trafficking Summit on January 28 & 29th, 2019.
>
> A block of guest rooms has been reserved for summit attendees at the **Hyatt Regency on the Hudson, 2 Exchange Place, Jersey City, N.J.** If you haven't done so **Please click here to secure a room as soon as possible.**
>
> The 1st day of the program will be held at the Hyatt and will commence at 1:00 p.m. Registration will begin at 12:30 p.m. The program is scheduled to end at 5:30. p.m. A sponsored dinner will be held at Porto Legerro restaurant on 185 Hudson St, Jersey City (a short 4-minute walk from the hotel) from 6:00 p.m. to 9:00 p.m. that evening.
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Regards,
Linda

Linda Tartaglia
Director
Center on Policing
Rutgers University
106 Somerset St. 7th floor
Room 754
New Brunswick, NJ 08901
848 932-9898 office
[redacted] cell
Linda.tartaglia@pi.rutgers.edu

From: brian.egnitz@pol.state.ma.us
To: Guerriero, Robert (EOTSS)
Subject: Fwd: Regional Trafficking Summit - Registration Confirmation
Date: Thursday, January 17, 2019 3:19:15 PM

FYI

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>
> Please book a room if you can make it. I'll try to get the van.
>
> ---
>
> **From:** Linda Tartaglia <linda.tartaglia@cop.rutgers.edu>
> **Sent:** Monday, January 14, 2019 2:30 PM
> **To:** Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
> **Subject:** Regional Trafficking Summit - Registration Confirmation
>
> **Subject:** Regional Trafficking Summit - Registration Confirmation
>
> Regional Trafficking Summit Attendee:
>
> This email is to confirm you are registered to attend the Regional Trafficking Summit on January 28 & 29th, 2019.
>
> A block of guest rooms has been reserved for summit attendees at the **Hyatt Regency on the Hudson, 2 Exchange Place, Jersey City, N.J.** If you haven't done so **Please click here to secure a room as soon as possible.**
>
> The 1st day of the program will be held at the Hyatt and will commence at 1:00 p.m. Registration will begin at 12:30 p.m. The program is scheduled to end at 5:30. p.m. A sponsored dinner will be held at Porto Legerro restaurant on 185 Hudson St, Jersey City (a short 4-minute walk from the hotel) from 6:00 p.m. to 9:00 p.m. that evening.
>
> The 2nd day of the program will be held at New York Police Department. Attendees will depart the hotel at 7:30 a.m. and embark on NYPD marine vessels to transport across the Hudson River. Transportation will be provided to the

meeting location. We anticipate the program ending at noon and transportation will be provided back to the hotel.

All questions should be posed to Rick Fuentes, who currently works with the Rutgers University Center on Policing and the NJUASI to advance statewide and regional information-sharing programs. He can be reached by email at rrixmail@comcast.net and by phone at (201)554-5514.

Thank you in advance for attending this important summit, and for your participation in this groundbreaking effort to collect, assess, and share ALPR data across the northeastern United States.

Regards,
Linda

Linda Tartaglia
Director
Center on Policing
Rutgers University
106 Somerset St. 7th floor
Room 754
New Brunswick, NJ 08901
848 932-9898 office
[redacted] cell
Linda.tartaglia@pi.rutgers.edu

From: kerry.gilpin@pol.state.ma.us
To: Wood, Curtis (EOTSS); Moran, Matthew (EPS)
Subject: Fwd: Regional Trafficking Summit Invite
Date: Sunday, January 13, 2019 11:22:45 AM

Secretary Wood and Undersecretary Moran,

Please see below email from NYSP and NYSP regarding the ALPR MOU. I know we have a meeting on Thursday regarding this. They are looking for a rep from MSP (Dermot Quinn has volunteered to go) as well as a technical rep and network rep. Dermot is advocating for Brian Egnitz, however, I defer to you to make that call. Please let me know your thoughts.

Respectfully,

Kerry

Sent from my iPhone

Begin forwarded message:

> **From:** "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>
> **Date:** January 12, 2019 at 18:16:35 EST
> **To:** "Gilpin, Kerry (POL)" <kerry.gilpin@pol.state.ma.us>
> **Subject: RE: Regional Trafficking Summit Invite**
>
> All set Colonel. I'm registered for conference and have the hotel booked. I believe they were also looking for a technical representative and a network representative. I am thinking Brian Egnitz for the first (I am going to drive it so it would only cost the hotel room for him) but the network person would have to come from EOPSS or EOTSS. I can reach out to them if you would like.
>
> Dermot
>
> ---
>
> **From:** Gilpin, Kerry (POL) <kerry.gilpin@pol.state.ma.us>
> **Sent:** Saturday, January 12, 2019 1:24 PM
> **To:** Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
> **Subject:** Fw: Regional Trafficking Summit Invite
>
> FYI
>
> Colonel Kerry A. Gilpin
> Superintendent
> Massachusetts State Police
> 470 Worcester Road
> Framingham, MA 01702
> 508-820-2350

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From: Linda Tartaglia <linda.tartaglia@cop.rutgers.edu>
Sent: Friday, January 4, 2019 2:49 PM
To: Linda Tartaglia
Cc: rick fuentes; Thomas O'Reilly; James Sheehan
Subject: Regional Trafficking Summit Invite

Good Afternoon,

Recently, New York City Police Department (NYPD) Commissioner James P. O'Neill and New Jersey State Police (NJSP) Colonel Patrick Callahan invited you to attend a Regional Trafficking Summit in New Jersey and New York on January 28-29,2019. Former NJSP superintendent and colonel Rick Fuentes followed up with an email which may have gone to your spam file. Please check your spam file for previous information.

This conference – hosted jointly by the NJSP, NYPD and the Northern New Jersey Urban Area Security Initiative (NJUASI) – will be facilitated by the Rutgers University Center on Policing. It will gather 12 state police superintendents, 12 major city chiefs and representatives of numerous federal agencies with responsibilities along the Interstate 95 corridor between Richmond, Virginia and Boston, Massachusetts, to discuss the feasibility and productivity of linking and sharing automated license plate reader data.
Establishing a linkage across the northeast region of the United States will immeasurably increase our effectiveness in addressing issues of counterterrorism, drug trafficking, human and weapons trafficking, Amber and Silver Alerts and other threats to our public safety.

Please register by Monday, January 7th . Please click here to register and RSVP to Rutgers Center on Policing by January 7th, 2019.

During the morning of Monday, January 28, 2019, attendees will arrive at the Hyatt Regency on the Hudson, 2 Exchange Place, Jersey City, N.J. A block of rooms has been reserved for the summit Please click here to make your room

reservations. This should also be done by January 7th, 2019.

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Linda Tartaglia
Director
Center on Policing
Rutgers Unitversity
106 Somerset St
7th floor
New Brunswick, NJ 08901
O 848 932 9898
C 609 203 0770
Linda.tartaglia@cop.rutgers.edu

From: Gilpin, Kerry (POL)
To: Wood, Curtis (EOTSS); Moran, Matthew (EPS)
Subject: Fwd: Regional Trafficking Summit Invite
Date: Sunday, January 13, 2019 11:22:47 AM

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O 848 932 9898
C 609 203 0770
Linda.tartaglia@cop.rutgers.edu

From: P1 Product Alert
To: Bower, Jeffrey (POL)
Subject: How ELSAG ALPR aids border security
Date: Thursday, March 7, 2019 11:45:34 AM

Having trouble viewing this email? View it in your browser.

Easily Increase Border Security with ELSAG Plate Hunter™ Automatic License Plate Readers

Know anyone who can spot a suspect vehicle from 115 feet away?

Leonardo's automatic license plate readers (ALPR) can and they will work around the clock for you, watching who comes and goes along US borders. And when they process a plate law enforcement has been looking for, you'll know it instantly.

- Deploy ELSAG Plate Hunter™ ALPR systems along US border roadways and crossings.
- Our ALPR systems continuously read license plates, automatically comparing each to law enforcement hot lists.
- When the ALPR system reads a plate number that matches a hot list

record, alarms are instantaneously sent to nearby patrol agents via in-car computer.

- In addition to audible alarms which tell you the offense associated with that plate number, you'll also be given the suspect plate number, vehicle location, and date and time stamps of the time the reading occurred.

- All ALPR data collected by your ELSAG ALPR systems can be stored in the ELSAG Enterprise Operations Center (EOC) for access and analysis at any time, to aid investigations.



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200 Green Street, 2nd Floor, San Francisco, CA 94111

From: IACAList on behalf of iacalist-request@listserve.com
To: iacalist@listserve.com
Subject: IACAList Digest, Vol 152, Issue 27
Date: Wednesday, March 27, 2019 8:50:44 AM

Send IACAList mailing list submissions to
iacalist@listserve.com

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https://urldefense.proofpoint.com/v2/url?u=http-3A__www.iaca.net&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=oVLNvHsJ5C4LL8H8REn3yd074JPvOmvzsczC2YNNeWY&e=. Log into the members area and go to My Account --
Discussion List Preferences. Your settings may take up to one week to
go into effect.

You can review the list posting guidelines at
https://urldefense.proofpoint.com/v2/url?u=http-3A__www.iaca.net_Downloads_iaca-5Flist-5Fguidelines.pdf&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=r8qTtCIzbzb3jm-lxR6qVnQ9JBcrmFhnP72kYGu7uRM&e=

You can reach the person managing the list at
iacalist-owner@listserve.com

When replying, please edit your Subject line so it is more specific
than "Re: Contents of IACAList digest..."

Today's Topics:

1. Re: Spoofing App? (Pepe, Ralph)
2. Re: Spoofing App? (Trish Hanly)
3. Database test bank system for promotional exams (Gulde, Alexander)
4. Re: Best Product for GPS ALPR and Incident Investigations (Robert Grant)
5. Excel: Share Workbook (Erica Taylor)
6. Prosecution Analysts Mailing List (Wickersham Erin)

Message: 1
Date: Tue, 26 Mar 2019 19:00:58 +0000
From: "Pepe, Ralph" <RPepe@cargonet.com>
To: Jeffrey Fitzhenry <jeffrey.fitzhenry@bluelightllc.com>, Frank B Johnson <Frank.B.Johnson@ibm.com>, "Oldham, Erin" <eoldham@cityofnsb.com>
Cc: IACAList <iacalist-bounces+frank.b.johnson=ibm.com@listserve.com>, "iacalist@iaca.net" <iacalist@iaca.net>
Subject: Re: [IACA] Spoofing App?
Message-ID: <e2455c6a4eba4ab7aa14d0b80c09cdfe@VAW1PWINFMBXP3.veriskdom.com>
Content-Type: text/plain; charset="utf-8"

TextNow as well. They have a mobile app and web app. I?ve tested signing up via web app; create a throwaway Google account, sign up using that account, and you?re in with a phone number in any area code you specify. No other verification. Trucking has a lot of problems with identity theft. Most of the identity thieves we deal with use TextNow these days and use it to scam money orders or steal truckloads of freight. No more getting caught on surveillance buying burners.

In addition to caller ID spoofing, there?s also SIM swap attacks. The scam there is socially engineering your provider to change your phone service to a SIM card they are in possession of. Once that?s done, they?d receive all your texts and be able to make any calls as you. https://urldefense.proofpoint.com/v2/url?u=https-3A__krebsonsecurity.com_2019_03_why-2Dphone-2Dnumbers-2Dstink-2Das-2Didentity-2Dproof_&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=2DGy0iIl2Wo12TSarbF6li43Z43GVOpa1-2xx65t5n0&e=.

Ralph Pepe
Sr. Crime Intelligence Analyst
CargoNet

Phone: +1.201.268.3212 | Fax: +1.201.748.1662

[Verisk]<https://urldefense.proofpoint.com/v2/url?u=http-3A__www.verisk.com_&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=AzvqEYFFgmJBZVcol6F9KlGNKWpSh19wjd9d03hxIpU&e=>

verisk.com<https://urldefense.proofpoint.com/v2/url?u=http-3A__www.verisk.com_&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=AzvqEYFFgmJBZVcol6F9KlGNKWpSh19wjd9d03hxIpU&e=> | vCard<https://urldefense.proofpoint.com/v2/url?u=http-3A__dynasend.com_signatures_vcard_RPepe-2Dat-2Dcargonet.com.vcf&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=GWPfqRhjVfBM3L1abqnCz0WGjtU2WLNI5MqJn1gyPvA&e=> | Map<https://urldefense.proofpoint.com/v2/url?u=https-3A__www.google.com_maps_place_545-2BWashington-2BBlvd-2C-2BJersey-2BCity-2C-2BNJ-2B07310_-4040.727784-2C-2D74.0349663-2C16z_data-3D-214m2-213m1-211s0x89c2575403b2d943-3A0x4a51ee6e7e84fe8c-3Fhl-3Den&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=XSo9vz_h0VH8igV8CS76Q1Z-7qW2C0APEx8tLsLbcJA&e=> | Email<mailto:RPepe@cargonet.com>

[Blog]<https://urldefense.proofpoint.com/v2/url?u=http-3A__www.verisk.com_blog&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=xRiqVZekYkIC7QGRT8kZcb-M1QTELtoW45qB-FJAtEY&e=>[LinkedIn]<https://urldefense.proofpoint.com/v2/url?u=https-3A__www.linkedin.com_company_727063&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=jEhNAAnZqJ7qu8zEEgW0KuQvh2LKOzc3SaJT_WmkB7s&e=>[Twitter]<https://urldefense.proofpoint.com/v2/url?u=http-3A__www.twitter.com_cargonet&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=JHfCo8fmbqhIqsf4MiSRuMQpLzGv1lhJcl6ejqv2_QM&e=>

To report a cargo theft, please call 1-888-595-CNET (2638) or send a theft report to cargotheft@cargonet.com<mailto:cargotheft@cargonet.com>.

Law Enforcement - Visit https://urldefense.proofpoint.com/v2/url?u=http-3A__cargonet.com_lawenforcement&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=rXbzEFNGWg8dvcVIVFon41yFnSzGNqIphfp-Ifb023A&e= to receive free cargo theft alerts and access to the CargoNet database.

From: IACAList <iacalist-bounces+rpepe=cargonet.com@listserve.com> On Behalf Of Jeffrey Fitzhenry via IACAList
Sent: Tuesday, March 26, 2019 2:25 PM
To: Frank B Johnson <Frank.B.Johnson@ibm.com>; Oldham, Erin <eoldham@cityofnsb.com>
Cc: iacalist@iaca.net; IACAList <iacalist-bounces+frank.b.johnson=ibm.com@listserve.com>
Subject: Re: [IACA] Spoofing App?

There is an app that is called Burner that does exactly what you are saying.

Jeffrey Fitzhenry
Senior Territory Manager Law Enforcement
BlueLight LLC
t. 225-241-3594
Jeffrey.fitzhenry@bluelightllc.com<mailto:Jeffrey.fitzhenry@bluelightllc.com>
w. BlueLightLLC.com
a. 1876 Bureau Dr. - Fayetteville, NC 28312
Join us for the 2019 Information to Intelligence Global Summit in New Orleans, June 2019. Learn more.

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From: IACAList <iacalist-bounces+jeffrey.fitzhenry=bluelightllc.com@listserve.com<mailto:iacalist-bounces+jeffrey.fitzhenry=bluelightllc.com@listserve.com>> on behalf of Frank B Johnson via IACAList <iacalist@listserve.com<mailto:iacalist@listserve.com>>
Sent: Tuesday, March 26, 2019 2:03:26 PM
To: Oldham, Erin
Cc: IACAList; iacalist@iaca.net<mailto:iacalist@iaca.net>
Subject: Re: [IACA] Spoofing App?

I hate to say it but there is very little that can be done to prevent this type of spoofing. It is a two part process.

First the caller must acquire data in great swaths, usually through social media, and then due typical toll analysis to to find individuals names associated with numbers found in the initial data scrape.

Only after numbers are collated into paring of high closness using the relationships found by analyzing social media can the caller spoof with a number you are likely to answer.

I image this if only going to get worse as our information is out there, and being correlated for sale by both legitimate companies and those with mal intent.

NOTE: many of use often send emails with signature lines that have our phone numbers. In this instance we have done the correlation for the bad guys. all they need is to find the phone number of someone we have emailed and they are in business.

Frank B. Johnson, MSM, M.Ed

IBM Security, Products Professional Services
EIA, i2 ANB, iBase, QRadar, Enablement Consultant

Focus-Align-Track-Stretch

[cid:image005.gif@01D4E3E4.96A40FD0][cid:image006.gif@01D4E3E4.96A40FD0] [cid:image007.gif@01D4E3E4.96A40FD0]

From: "Oldham, Erin via IACAList" <iacalist@listserve.com<mailto:iacalist@listserve.com>>
To: Shanice Gordon <SGordon@co.lubbock.tx.us<mailto:SGordon@co.lubbock.tx.us>>, "iacalist@iaca.net<mailto:iacalist@iaca.net>" <iacalist@iaca.net<mailto:iacalist@iaca.net>>
Date: 03/26/2019 01:54 PM
Subject: Re: [IACA] Spoofing App?
Sent by: "IACAList" <iacalist-bounces+frank.b.johnson=ibm.com@listserve.com<mailto:iacalist-bounces+frank.b.johnson=ibm.com@listserve.com>>

Hi Shanice,

Spoofing.. In theory, the people being scammed are more apt to answer the phone from a familiar area code. So a person?s number gets cloned at random by someone with the technology to do so, and used at an attempt to scam.

Recently heard of someone receiving irate phone calls back, from people who were being called, using the victims spoofed number.

The only reasonable solution suggested was either changing your number, or looking into an app called ?Should I Answer.? It allows the victim of the spoofing, to filter the returned calls, by only receiving calls from numbers they?ve listed in the app. They suggested the victim of the spoofed number change their voicemail message, saying they?ve had their number spoofed. It also allows them to see the log of people who?ve tried to call the number back. It was reported that once this happened, the number of angry call-backers subsided after a couple of weeks.

I think, unfortunately, people?s numbers just get picked at random. Not sure if there?s a solution. Sorry!

Erin Oldham
FDLE Certified Law Enforcement Analyst
New Smyrna Beach Police Department

246 Industrial Park Avenue, NSB, FL 32168
(W)?386.424.2254 ?(F)386.424.2262

eoldham@cityofnsb.com<mailto:eoldham@cityofnsb.com>

From:IACAList [mailto:iacalist-bounces+eoldham=cityofnsb.com@listserve.com] On Behalf Of Shanice Gordon via IACAList
Sent: Tuesday, March 26, 2019 1:09 PM
To: iacalist@iaca.net<mailto:iacalist@iaca.net>
Subject: [IACA] Spoofing App?

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and are confident the content is safe.

Good Afternoon Everyone,

I have a question for you all.

Has anyone ever dealt with a case, where a phone call is received showing a number in the victims phone. However, the caller on the line is in fact NOT with the phone or with the actual person said to be calling the phone??

Incident: A civilian received a phone call- the caller ID showed a family member?s name & when the call was answered it turned out to be scammers on the line?.

Is anyone familiar with any ways to track the actual phone call or identify the app used?

Respectfully,

Shanice Gordon, M.A.

Texas Anti-Gang Center

Crime Analyst

P.O. BOX 10536

Lubbock, TX 79408

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Message: 2
Date: Tue, 26 Mar 2019 14:28:56 -0500
From: Trish Hanly <hanlytrish@gmail.com>
To: "Martins, Tabatha" <martinst@ci.newark.nj.us>
Cc: "iacalist@iaca.net" <iacalist@iaca.net>
Subject: Re: [IACA] Spoofing App?
Message-ID: <8583DA8E-BE4A-4DAD-B285-92A0EB9B72E1@gmail.com>
Content-Type: text/plain; charset="utf-8"

For what it?s worth, you can create any number on Google Voice. (And then have it forwarded to your own phone).

I have used this when I did not want to give out my personal number to certain people.

Interestingly, we had a recent situation where a call center agent would call in using multiple Google Voice numbers they had created-and since they could see who was up next for calls-they would answer their own call, keep the line open, hang up after 45 min and then basically fake doing work all day.

Trish Mangnall
Program Analyst
DHS

Sent from my iPhone

> On Mar 26, 2019, at 12:36 PM, Martins, Tabatha via IACAList <iacalist@listserve.com> wrote:
>
> I believe there is a computer program also, where you are able to choose the country and area code. A family member usually uses the internet phone to call me when abroad.
>
> Tabatha Gonzalez
>
> Department of Public Safety
>
> Newark Police Division
>
> Comstat Unit
>
>
>
>
>
> From: IACAList <iacalist-bounces+martinst=ci.newark.nj.us@listserve.com> on behalf of Lasher, Heidi via IACAList <iacalist@listserve.com>
> Sent: Tuesday, March 26, 2019 1:30:32 PM
> To: Shanice Gordon; iacalist@iaca.net
> Subject: Re: [IACA] Spoofing App?
>
> Yes. I get these calls all the time on my personal cell phone. One of the numbers came up as our friend?s number and it turned out to be someone trying to reduce our credit card interest. They use an app to change their actual number from the one they are calling and use a local number. I think it picks the numbers at random and sometimes it just happens to be someone you may know.
>
>
> Heidi R. Lasher

> Intelligence Analyst
> Citrus County Sheriff's Office
> 123 NW Hwy 19,
> Crystal River, FL 34429
> www.sheriffcitrus.org
> 352-795-3107 ext 320
> hlasher@sheriffcitrus.org
>
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>
>
>
> From: IACAList <iacalist-bounces+hlasher=sheriffcitrus.org@listserve.com> On Behalf Of Shanice Gordon via IACAList
> Sent: Tuesday, March 26, 2019 1:09 PM
> To: iacalist@iaca.net
> Subject: [IACA] Spoofing App?
>
> Good Afternoon Everyone,
> I have a question for you all.
>
> Has anyone ever dealt with a case, where a phone call is received showing a number in the victims phone. However, the caller on the line is in fact NOT with the phone or with the actual person said to be calling the phone??
>
> Incident: A civilian received a phone call- the caller ID showed a family member?s name & when the call was answered it turned out to be scammers on the line?.
>
> Is anyone familiar with any ways to track the actual phone call or identify the app used?
>
> Respectfully,
> Shanice Gordon, M.A.
> Texas Anti-Gang Center
> Crime Analyst
> P.O. BOX 10536
> Lubbock, TX 79408
> sgordon@co.lubbock.tx.us
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Message: 3
Date: Tue, 26 Mar 2019 18:57:47 +0000
From: "Gulde, Alexander" <AlexanderGulde@fdle.state.fl.us>
To: "iacalist@iaca.net" <iacalist@iaca.net>
Subject: [IACA] Database test bank system for promotional exams
Message-ID: <884005cb07114df9ae289550c6c6427b@Exchange1.myfdle.net>
Content-Type: text/plain; charset="us-ascii"

Good afternoon -

I need some help with a particular issue. We are currently using a test question database to administer promotional exams and other tests within our training programs. The program we are currently using (LXR Test) is obsolete and the original vendor is no longer in business. Once the upgrade to Windows 10 is happening later this year, we will no longer be able to use the current system. So, I am looking for some leads and recommendations on a new database/ test bank.

What are you using at your agency? What's working and what's not? Do you have a point of contact for me?

Any help is greatly appreciated.

Best,

Alexander S. Gulde

Program Director
Florida Law Enforcement Analyst Academy
Office: 850.410.7534 Mobile: 850.879.8995
AlexanderGulde@fdle.state.fl.us<mailto:AlexanderGulde@fdle.state.fl.us>

Florida Department of Law Enforcement
Bureau of Professional Development
2331 Phillips Road, Tallahassee, FL 32308

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Message: 4
Date: Tue, 26 Mar 2019 19:53:01 +0000
From: Robert Grant <rgrant@casperwy.gov>
To: Katherine Hill <khill@chattanooga.gov>, "iacalist@iaca.net"
<iacalist@iaca.net>
Subject: Re: [IACA] Best Product for GPS ALPR and Incident
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Katherine,
I use ESRI ArcMap for mapping solutions but it is not that user friendly if you are not familiar with it. It is the best GIS software available, very versatile. If you have a GIS department.

If you are just using GPS data and possibly the tracks from the GPS unit you should try Garmin?s Base Camp. It is a very user friendly GPS software program and I believe it is free on the Garmin Website.

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Casper Police Department
Crime Analyst
GIS Specialist
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From: IACAList [mailto:iacalist-bounces+rgrant=casperwy.gov@listserve.com] On Behalf Of Katherine Hill via IACAList
Sent: Tuesday, March 26, 2019 11:54 AM
To: iacalist@iaca.net
Subject: [IACA] Best Product for GPS ALPR and Incident Investigations

We are searching for the best product to visualize GPS data against our Incidents. For instance, we have a serial offender who had an ankle monitor, we want to load the GPS data, and automate checking for incidents in the vicinity of his location. Is there a product easy enough for Investigators to use, maybe even something that incorporates ALPR data?

Thanks!
--
Katherine Hill 70917
Crime Analyst
Crime Analysis Unit

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[redacted]
khill@chattanooga.gov<mailto:khill@chattanooga.gov>

_____
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Message: 5
Date: Tue, 26 Mar 2019 14:31:09 -0700
From: Erica Taylor <ericataylor778@gmail.com>
To: iacalist@listserve.com
Subject: [IACA] Excel: Share Workbook
Message-ID:
<CALMN9_vgAkcfL+vKABg0UaVRpBJ6JF7biqySZCDfM+ZDVn=MxQ@mail.gmail.com>
Content-Type: text/plain; charset="utf-8"

Hello all,

I'm having trouble with sharing a workbook. I know it sounds pretty simple but something happened to my shared workbook and I can't figure it out.

SCENE: A workbook was created, on a shared drive, for the sergeants to add daily statistics. Once they added their numbers, they simply have to save.

ISSUE: No one is able to save the workbook without having to save as a copy of it. When someone opens it, it is in Read-Only mode. I get several "copy of XXX", copy of copy of XXX" copy of copy of copy of XXX".

*PROBLEM: * How do I change it/save it so that it is shared again? I have gone so far as to recreate the workbook with new spreadsheets. [Nothing copied - all new] I did tests, and it continues to open in Read-Only.

Is anyone out there that can help, please?
Please contact me at erica.taylor@wcpd.org

Many thanks in advance.

--
Erica J. Taylor, Crime Analyst I
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Email: Erica.Taylor@wcpd.org

"When you get: give. When you learn: teach." - *Maya Angelou*
---------- next part ----------
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Message: 6
Date: Wed, 27 Mar 2019 00:06:26 +0000
From: Wickersham Erin <wickersc@mcao.maricopa.gov>
To: "'iacalist@listserve.com'" <iacalist@listserve.com>
Subject: [IACA] Prosecution Analysts Mailing List
Message-ID:
<BYAPR09MB3368A1567305950386 92BD4499580@BYAPR09MB3368.namprd09.prod.outlook.com>

Content-Type: text/plain; charset="us-ascii"

Hi IACA -

I'm writing about crime and intel analysis within prosecution. This is an area that has grown in the past several years as prosecution offices recognize the value that analysts provide in all areas (strategic, tactical, admin, intel), serving both as a continuum of knowledge from LE to the DA, and as information generators for questions and issues specific to the prosecution process. However, we are still outnumbered by analysts at LE agencies and continue to forge a path into new territory!

In AZ, we now have several analysts at both Maricopa and Pima County Attorney's Offices, and I'm aware of other offices around the country with embedded analysts who work alongside prosecutors. We are interested in starting an informal mailing list that is specific to the questions, challenges, and issues that prosecution analysts encounter. Some topic examples:

* What data do you use to identify crime problems? Do you have direct access to LE agency data, or do you use other data as a proxy? If/how does your office work with LE to develop strategies to address these problems?
* Do you analyze internal data for trends/patterns (ex: caseloads, plea/trial outcomes, co-occurring charges, recidivism)?
* Are you supervised by an attorney, an analyst, or other? How does that impact the resources and/or information you are able to obtain and provide?
* Are there analysts at the LE agencies within your jurisdiction and, if so, how do you coordinate/deconflict with them on case work?
* Do you participate in information gathering throughout prosecution process or only specific phase(s)? Ex: investigation; initial appearance; charging; plea development; trial; sentencing; response to motions/issues that arise; victim/witness information
* How does your office handle the information you develop in regards to discovery? Have you had to testify?

* What "different" skill sets do we as prosecution-specific analysts need/have/want that may be different than analysts in LE agencies?

This mailing list is open to anyone working or interested in this area whether analyst, prosecutor, researcher, intern, etc. so please feel free to forward to folks not in IACA, but may be interested. This list will hopefully supplement the valuable information we receive via IACA, but with a prosecution spin for this growing "niche market". Please feel free to email me at wickerse@mcao.maricopa.gov<mailto:wickerse@mcao.maricopa.gov> if you or a colleague is interested. Thank you!

* Erin

Erin Wickersham
Criminal Intelligence Analyst
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Desk: 602-506-3188
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Subject: Digest Footer

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End of IACAList Digest, Vol 152, Issue 27
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From: IACAList on behalf of iacalist-request@listserve.com
To: iacalist@listserve.com
Subject: IACAList Digest, Vol 152, Issue 27
Date: Wednesday, March 27, 2019 8:50:47 AM

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iacalist-owner@listserve.com

When replying, please edit your Subject line so it is more specific
than "Re: Contents of IACAList digest..."

Today's Topics:

1. Re: Spoofing App? (Pepe, Ralph)
2. Re: Spoofing App? (Trish Hanly)
3. Database test bank system for promotional exams (Gulde, Alexander)
4. Re: Best Product for GPS ALPR and Incident Investigations (Robert Grant)
5. Excel: Share Workbook (Erica Taylor)
6. Prosecution Analysts Mailing List (Wickersham Erin)

Message: 1
Date: Tue, 26 Mar 2019 19:00:58 +0000
From: "Pepe, Ralph" <RPepe@cargonet.com>
To: Jeffrey Fitzhenry <jeffrey.fitzhenry@bluelightllc.com>, Frank B Johnson <Frank.B.Johnson@ibm.com>, "Oldham, Erin" <eoldham@cityofnsb.com>
Cc: IACAList <iacalist-bounces+frank.b.johnson=ibm.com@listserve.com>, "iacalist@iaca.net" <iacalist@iaca.net>
Subject: Re: [IACA] Spoofing App?
Message-ID: <e2455c6a4eba4ab7aa14d0b80c09cdfc@VAW1PWINFMBXP3.veriskdom.com>
Content-Type: text/plain; charset="utf-8"

TextNow as well. They have a mobile app and web app. I?ve tested signing up via web app; create a throwaway Google account, sign up using that account, and you?re in with a phone number in any area code you specify. No other verification. Trucking has a lot of problems with identity theft. Most of the identity thieves we deal with use TextNow these days and use it to scam money orders or steal truckloads of freight. No more getting caught on surveillance buying burners.

In addition to caller ID spoofing, there?s also SIM swap attacks. The scam there is socially engineering your provider to change your phone service to a SIM card they are in possession of. Once that?s done, they?d receive all your texts and be able to make any calls as you.
https://urldefense.proofpoint.com/v2/url?u=https-3A__krebsonsecurity.com_2019_03_why-2Dphone-2Dnumbers-2Dstink-2Das-2Didentity-2Dproof_&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=trTGElcPqWmjbVtDGeWU1JoTqdlsBh-QCIg-OTRRKNQ&s=p5G89r7FIgs0r9mcrgDkXjpznWefbJq75kfjXQ0Vd60&e=.

Ralph Pepe
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To report a cargo theft, please call 1-888-595-CNET (2638) or send a theft report to cargotheft@cargonet.com<mailto:cargotheft@cargonet.com>.

Law Enforcement - Visit https://urldefense.proofpoint.com/v2/url?u=http-3A__cargonet.com_lawenforcement&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=trTGElcPqWmjbVtDGeWU1JoTqdlsBh-QCIg-OTRRKNQ&s=7hq_PFJ7DG51U0c_G9OvIiRv_x8wwyrWYqngJ0ZpAQo&e= to receive free cargo theft alerts and access to the CargoNet database.

From: IACAList <iacalist-bounces+rpepe=cargonet.com@listserve.com> On Behalf Of Jeffrey Fitzhenry via IACAList
Sent: Tuesday, March 26, 2019 2:25 PM
To: Frank B Johnson <Frank.B.Johnson@ibm.com>; Oldham, Erin <eoldham@cityofnsb.com>
Cc: iacalist@iaca.net; IACAList <iacalist-bounces+frank.b.johnson=ibm.com@listserve.com>
Subject: Re: [IACA] Spoofing App?

There is an app that is called Burner that does exactly what you are saying.

Jeffrey Fitzhenry
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Sent: Tuesday, March 26, 2019 2:03:26 PM
To: Oldham, Erin
Cc: IACAList; iacalist@iaca.net<mailto:iacalist@iaca.net>
Subject: Re: [IACA] Spoofing App?

I hate to say it but there is very little that can be done to prevent this type of spoofing. It is a two part process.

First the caller must acquire data in great swaths, usually through social media, and then due typical toll analysis to to find individuals names associated with numbers found in the initial data scrape.

Only after numbers are collated into paring of high closness using the relationships found by analyzing social media can the caller spoof with a number you are likely to answer.

I image this if only going to get worse as our information is out there, and being correlated for sale by both legitimate companies and those with mal intent.

NOTE: many of use often send emails with signature lines that have our phone numbers. In this instance we have done the correlation for the bad guys. all they need is to find the phone number of someone we have emailed and they are in business.

Frank B. Johnson, MSM, M.Ed
IBM Security, Products Professional Services
EIA, i2 ANB, iBase, QRadar, Enablement Consultant

Focus-Align-Track-Stretch

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From: "Oldham, Erin via IACAList" <iacalist@listserve.com<mailto:iacalist@listserve.com>>
To: Shanice Gordon <SGordon@co.lubbock.tx.us<mailto:SGordon@co.lubbock.tx.us>>, "iacalist@iaca.net<mailto:iacalist@iaca.net>" <iacalist@iaca.net<mailto:iacalist@iaca.net>>
Date: 03/26/2019 01:54 PM
Subject: Re: [IACA] Spoofing App?
Sent by: "IACAList" <iacalist-bounces+frank.b.johnson=ibm.com@listserve.com<mailto:iacalist-bounces+frank.b.johnson=ibm.com@listserve.com>>

Hi Shanice,

Spoofing.. In theory, the people being scammed are more apt to answer the phone from a familiar area code. So a person?s number gets cloned at random by someone with the technology to do so, and used at an attempt to scam.

Recently heard of someone receiving irate phone calls back, from people who were being called, using the victims spoofed number.

The only reasonable solution suggested was either changing your number, or looking into an app called ?Should I Answer.? It allows the victim of the spoofing, to filter the returned calls, by only receiving calls from numbers they?ve listed in the app. They suggested the victim of the spoofed number change their voicemail message, saying they?ve had their number spoofed. It also allows them to see the log of people who?ve tried to call the number back. It was reported that once this happened, the number of angry call-backers subsided after a couple of weeks.

I think, unfortunately, people?s numbers just get picked at random. Not sure if there?s a solution. Sorry!

Erin Oldham
FDLE Certified Law Enforcement Analyst
New Smyrna Beach Police Department

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eoldham@cityofnsb.com<mailto:eoldham@cityofnsb.com>

From:IACAList [mailto:iacalist-bounces+eoldham=cityofnsb.com@listserve.com] On Behalf Of Shanice Gordon via IACAList
Sent: Tuesday, March 26, 2019 1:09 PM
To: iacalist@iaca.net<mailto:iacalist@iaca.net>
Subject: [IACA] Spoofing App?

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Good Afternoon Everyone,

I have a question for you all.

Has anyone ever dealt with a case, where a phone call is received showing a number in the victims phone. However, the caller on the line is in fact NOT with the phone or with the actual person said to be calling the phone??

Incident: A civilian received a phone call- the caller ID showed a family member?s name & when the call was answered it turned out to be scammers on the line?.

Is anyone familiar with any ways to track the actual phone call or identify the app used?

Respectfully,

Shanice Gordon, M.A.

Texas Anti-Gang Center

Crime Analyst

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<https://urldefense.proofpoint.com/v2/url?u=https-3A__stoplubbockgangs.org_&d=DwMGaQ&c=birp9sjcGzT9DCP3EIAtLA&r=xoAB8IKdCcn3d26SS56ONx7mUv_fq07UJjcrwObF1KU&m=x827U9zTZ9U0xoLW46K84R82XgWHQTNdNVrjP6GVmn8&s=sQd4Lb8UWYMrHskOOQMxkVf60Mxzx99qKStjYb5uPPo&e=>

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Message: 2
Date: Tue, 26 Mar 2019 14:28:56 -0500
From: Trish Hanly <hanlytrish@gmail.com>
To: "Martins, Tabatha" <martinst@ci.newark.nj.us>
Cc: "iacalist@iaca.net" <iacalist@iaca.net>
Subject: Re: [IACA] Spoofing App?
Message-ID: <8583DA8E-BE4A-4DAD-B285-92A0EB9B72E1@gmail.com>
Content-Type: text/plain; charset="utf-8"

For what it?s worth, you can create any number on Google Voice. (And then have it forwarded to your own phone).

I have used this when I did not want to give out my personal number to certain people.

Interestingly, we had a recent situation where a call center agent would call in using multiple Google Voice numbers they had created-and since they could see who was up next for calls-they would answer their own call, keep the line open, hang up after 45 min and then basically fake doing work all day.

Trish Mangnall
Program Analyst
DHS

Sent from my iPhone

> On Mar 26, 2019, at 12:36 PM, Martins, Tabatha via IACAList <iacalist@listserve.com> wrote:
>
> I believe there is a computer program also, where you are able to choose the country and area code. A family member usually uses the internet phone to call me when abroad.
>
> Tabatha Gonzalez
>
> Department of Public Safety
>
> Newark Police Division
>
> Comstat Unit
>
>
>
>
>
> From: IACAList <iacalist-bounces+martinst=ci.newark.nj.us@listserve.com> on behalf of Lasher, Heidi via IACAList <iacalist@listserve.com>
> Sent: Tuesday, March 26, 2019 1:30:32 PM
> To: Shanice Gordon; iacalist@iaca.net
> Subject: Re: [IACA] Spoofing App?

>
> Yes. I get these calls all the time on my personal cell phone. One of the numbers came up as our friend?s number and it turned out to be someone trying to reduce our credit card interest. They use an app to change their actual number from the one they are calling and use a local number. I think it picks the numbers at random and sometimes it just happens to be someone you may know.
>
>
> Heidi R. Lasher
> Intelligence Analyst
> Citrus County Sheriff's Office
> 123 NW Hwy 19,
> Crystal River, FL 34429
> www.sheriffcitrus.org
> 352-795-3107 ext 320
> hlasher@sheriffcitrus.org
>
>
>
> Follow us @SheriffCitrus: <image005.jpg> <image006.jpg>
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>
>
>
> From: IACAList <iacalist-bounces+hlasher=sheriffcitrus.org@listserve.com> On Behalf Of Shanice Gordon via IACAList
> Sent: Tuesday, March 26, 2019 1:09 PM
> To: iacalist@iaca.net
> Subject: [IACA] Spoofing App?
>
> Good Afternoon Everyone,
> I have a question for you all.
>
> Has anyone ever dealt with a case, where a phone call is received showing a number in the victims phone. However, the caller on the line is in fact NOT with the phone or with the actual person said to be calling the phone??
>
> Incident: A civilian received a phone call- the caller ID showed a family member?s name & when the call was answered it turned out to be scammers on the line?.
>
> Is anyone familiar with any ways to track the actual phone call or identify the app used?
>
> Respectfully,
> Shanice Gordon, M.A.
> Texas Anti-Gang Center
> Crime Analyst
> P.O. BOX 10536
> Lubbock, TX 79408
> sgordon@co.lubbock.tx.us
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Message: 3
Date: Tue, 26 Mar 2019 18:57:47 +0000
From: "Gulde, Alexander" <AlexanderGulde@fdle.state.fl.us>
To: "iacalist@iaca.net" <iacalist@iaca.net>
Subject: [IACA] Database test bank system for promotional exams
Message-ID: <884005cb07114df9ae289550c6e6427b@Exchange1.myfdle.net>
Content-Type: text/plain; charset="us-ascii"

Good afternoon -

I need some help with a particular issue. We are currently using a test question database to administer promotional exams and other tests within our training programs. The program we are currently using (LXR Test) is obsolete and the original vendor is no longer in business. Once the upgrade to Windows 10 is happening later this year, we will no longer be able to use the current system. So, I am looking for some leads and recommendations on a new database/ test bank.

What are you using at your agency? What's working and what's not? Do you have a point of contact for me?

Any help is greatly appreciated.

Best,

Alexander S. Gulde

Program Director
Florida Law Enforcement Analyst Academy
Office: 850.410.7534 Mobile: 850.879.8995
AlexanderGulde@fdle.state.fl.us<mailto:AlexanderGulde@fdle.state.fl.us>

Florida Department of Law Enforcement
Bureau of Professional Development
2331 Phillips Road, Tallahassee, FL 32308

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Message: 4
Date: Tue, 26 Mar 2019 19:53:01 +0000
From: Robert Grant <rgrant@casperwy.gov>
To: Katherine Hill <khill@chattanooga.gov>, "iacalist@iaca.net"
<iacalist@iaca.net>
Subject: Re: [IACA] Best Product for GPS ALPR and Incident
Investigations
Message-ID:
<MW2PR0102MB340302C0B15EFD81C4263E7BAE5F0@MW2PR0102MB3403.prod.exchangelabs.com>

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Katherine,
I use ESRI ArcMap for mapping solutions but it is not that user friendly if you are not familiar with it. It is the best GIS software available, very versatile. If you have a GIS department.

If you are just using GPS data and possibly the tracks from the GPS unit you should try Garmin?s Base Camp. It is a very user friendly GPS software program and I believe it is free on the Garmin Website.

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This link should allow you to learn more about it and see if it is what you are looking for.

Robert Grant
Casper Police Department
Crime Analyst
GIS Specialist
307-235-8489
rgrant@casperwy.gov

From: IACAList [mailto:iacalist-bounces+rgrant=casperwy.gov@listserve.com] On Behalf Of Katherine Hill via IACAList
Sent: Tuesday, March 26, 2019 11:54 AM
To: iacalist@iaca.net
Subject: [IACA] Best Product for GPS ALPR and Incident Investigations

We are searching for the best product to visualize GPS data against our Incidents. For instance, we have a serial offender who had an ankle monitor, we want to load the GPS data, and automate checking for incidents in the vicinity of his location. Is there a product easy enough for Investigators to use, maybe even something that incorporates ALPR data?

Thanks!
--
Katherine Hill 70917
Crime Analyst
Crime Analysis Unit

Chattanooga Police Department
3410 Amnicola Hwy
Chattanooga, TN 37406
G.L. c. 4,sec.
khill@chattanooga.gov<mailto:khill@chattanooga.gov>

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Message: 5
Date: Tue, 26 Mar 2019 14:31:09 -0700
From: Erica Taylor <ericataylor778@gmail.com>
To: iacalist@listserve.com
Subject: [IACA] Excel: Share Workbook
Message-ID:
<CALMN9_vgAkcfL+vKABg0UaVRpBJ6JF7biqySZCDfM+ZDVn=MxQ@mail.gmail.com>
Content-Type: text/plain; charset="utf-8"

Hello all,

I'm having trouble with sharing a workbook. I know it sounds pretty simple but something happened to my shared workbook and I can't figure it out.

SCENE: A workbook was created, on a shared drive, for the sergeants to add daily statistics. Once they added their numbers, they simply have to save.

ISSUE: No one is able to save the workbook without having to save as a copy of it. When someone opens it, it is in Read-Only mode. I get several "copy of XXX", copy of copy of XXX" copy of copy of copy of XXX".

*PROBLEM: * How do I change it/save it so that it is shared again? I have gone so far as to recreate the workbook with new spreadsheets. [Nothing copied - all new] I did tests, and it continues to open in Read-Only.

Is anyone out there that can help, please?
Please contact me at erica.taylor@wcpd.org

Many thanks in advance.

--
Erica J. Taylor, Crime Analyst I
West Covina Police Department
1444 W. Garvey Avenue | West Covina, CA 91790
Desk: 626-939-8549 | Fax: 626-939-8653
Email: Erica.Taylor@wcpd.org

"When you get: give. When you learn: teach." - *Maya Angelou*
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Message: 6
Date: Wed, 27 Mar 2019 00:06:26 +0000
From: Wickersham Erin <wickerse@mcao.maricopa.gov>
To: "'iacalist@listserve.com'" <iacalist@listserve.com>
Subject: [IACA] Prosecution Analysts Mailing List
Message-ID:
<BYAPR09MB3368A1567305950386 92BD4499580@BYAPR09MB3368.namprd09.prod.outlook.com>

Content-Type: text/plain; charset="us-ascii"

Hi IACA -

I'm writing about crime and intel analysis within prosecution. This is an area that has grown in the past several years as prosecution offices recognize the value that analysts provide in all areas (strategic, tactical, admin, intel), serving both as a continuum of knowledge from LE to the DA, and as information generators for questions and issues specific to the prosecution process. However, we are still outnumbered by analysts at LE agencies and continue to forge a path into new territory!

In AZ, we now have several analysts at both Maricopa and Pima County Attorney's Offices, and I'm aware of other offices around the country with embedded analysts who work alongside prosecutors. We are interested in starting an informal mailing list that is specific to the questions, challenges, and issues that prosecution analysts encounter. Some topic examples:

* What data do you use to identify crime problems? Do you have direct access to LE agency data, or do you use other data as a proxy? If/how does your office work with LE to develop strategies to address these problems?
* Do you analyze internal data for trends/patterns (ex: caseloads, plea/trial outcomes, co-occurring charges, recidivism)?
* Are you supervised by an attorney, an analyst, or other? How does that impact the resources and/or information you are able to obtain and provide?
* Are there analysts at the LE agencies within your jurisdiction and, if so, how do you coordinate/deconflict with them on case work?
* Do you participate in information gathering throughout prosecution process or only specific phase(s)? Ex: investigation; initial appearance; charging; plea development; trial; sentencing; response to motions/issues that arise; victim/witness information
* How does your office handle the information you develop in regards to discovery? Have you had to testify?
* What "different" skill sets do we as prosecution-specific analysts need/have/want that may be different than analysts in LE agencies?

This mailing list is open to anyone working or interested in this area whether analyst, prosecutor, researcher, intern, etc. so please feel free to forward to folks not in IACA, but may be interested. This list will hopefully supplement the valuable information we receive via IACA, but with a prosecution spin for this growing "niche market". Please feel free to email me at wickerse@mcao.maricopa.gov<mailto:wickerse@mcao.maricopa.gov> if you or a colleague is interested. Thank you!

* Erin

Erin Wickersham
Criminal Intelligence Analyst
Sex Assault Kit Initiative (SAKI)
Crime Strategies Section
Maricopa County Attorney's Office
wickerse@mcao.maricopa.gov<mailto:wickerse@mcao.maricopa.gov>
Desk: 602-506-3188
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Subject: Digest Footer

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IACAList mailing list
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End of IACAList Digest, Vol 152, Issue 27
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From: IACAList on behalf of iacalist-request@listserve.com
To: iacalist@listserve.com
Subject: IACAList Digest, Vol 152, Issue 32
Date: Friday, March 29, 2019 11:06:58 AM

Send IACAList mailing list submissions to
iacalist@listserve.com

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https://urldefense.proofpoint.com/v2/url?u=http-3A__www.iaca.net&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=iKD2ybSxPvq3EqRzryTCTgnfMo1hBFK2YAex8xfqN3E&s=rig4LNG6TN7WHFRZiYV15ovrrTVLFogaKRkf_Ibj-_E&e=.
Log into the members area and go to My Account --
Discussion List Preferences. Your settings may take up to one week to
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You can review the list posting guidelines at
https://urldefense.proofpoint.com/v2/url?u=http-3A__www.iaca.net_Downloads_iaca-5Flist-5Fguidelines.pdf&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=iKD2ybSxPvq3EqRzryTCTgnfMo1hBFK2YAex8xfqN3E&s=79HEaI4yH348QqpSUg6u9YRlqmBiDP-xMhKVeRP47wg&e=

You can reach the person managing the list at
iacalist-owner@listserve.com

When replying, please edit your Subject line so it is more specific
than "Re: Contents of IACAList digest..."

Today's Topics:

1. Fwd: Identification (Katherine Hill)
2. Real Time Crime Center Analyst - Vacancy Announcement (Tenah, Celbrica E.)
3. Re: Best Product for GPS ALPR and Incident Investigations (John Sinclair)

Message: 1
Date: Fri, 29 Mar 2019 09:07:11 -0400
From: Katherine Hill <khill@chattanooga.gov>
To: iacalist@iaca.net
Subject: [IACA] Fwd: Identification
Message-ID:
<CAOikmr-UBNfrnr=-mjRCUcHJOn5bMtUnj7hiBcY8KOWQRcUQew@mail.gmail.com>
Content-Type: text/plain; charset="utf-8"

Can anyone identify the emblem on the cap and the back of the vest?
He's the suspect in the theft of our Sgts personally owned Harley Davidson
Motorcycle at his residence.
I'm just a little concerned as he took it to this gas station and just left
it, like a statement (?).

[image: IMG_1077.jpg]
[image: IMG_1080.jpg]
[image: IMG_1081.jpg]
[image: IMG_1079.jpg]
[image: IMG_1078.jpg]

Katherine Hill 70917
Crime Analyst
Crime Analysis Unit

Chattanooga Police Department
3410 Amnicola Hwy
Chattanooga, TN 37406
[redacted]
khill@chattanooga.gov
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Message: 2
Date: Fri, 29 Mar 2019 13:46:15 +0000
From: "Tenah, Celbrica E." <Celbrica.Tenah@jaxsheriff.org>
To: "iacalist@iaca.net" <iacalist@iaca.net>
Subject: [IACA] Real Time Crime Center Analyst - Vacancy Announcement
Message-ID:
<0FD30169BDDEB74184DF87CD5A40AA8481556305@AHV-EXMBX-05.jaxsheriff.net>
Content-Type: text/plain; charset="us-ascii"

Job Vacancy Announcement

The Jacksonville Sheriff's Office (JSO), an accredited and consolidated Law Enforcement Agency for Jacksonville, Florida, is hiring Real Time Crime Center Analysts. Jacksonville, the largest city in area in the continental United States, is a rapidly growing metropolitan city in Northeast Florida, with approximately 850,000 residents. A consolidated city and county, the agency consists of approximately 1,750 sworn and 1,200 non-sworn personnel. The current opening is an analytical support position designed to incorporate and leverage multiple technological systems to provide officers real-time intelligence and information.

Real Time Crime Center Analyst

This is a fast paced, analytical, technical and administrative work environment involving automated systems pertaining to law enforcement public safety communications. Work involves monitoring a Real Time Crime Center workstation that includes at least three (3) monitors, performing several tasks at the same time while simultaneously viewing multiple computer/camera screens. Receives, evaluates and transmits information via telephone, computer and multi-channel radio that frequently involves emergency and critical situations affecting human welfare and safety; utilizes computer-aided dispatch and other computer systems; quickly analyzes multiple data sets; recognizes and exploits relevant intelligence; maintains access to, and security of, highly sensitive materials and information; performs multiple activities simultaneously in a high visibility setting; works with frequent interruption in a framework of rules, procedures and regulations and perform technical tasks relative
to assigned area of responsibility. The center will facilitate, via camera feeds, CAD, and ShotSpotter the detection of suspicious and criminal activity. This information will be relayed to the responding and/or on scene officers via radio or message. Work includes monitoring, operating and interpreting multiple interactive software systems regarding emergency and criminal calls for service. Work also includes conducting queries of criminal justice data bases such as criminal histories and vehicle registration as well as researching relevant videos to assist in investigations and upload video to evidence repositories; and related duties as required. Must maintain emotional control and work effectively during emergencies, crisis situation, or extremely stressful conditions.

Basic Requirements Include:

A four-year combination of education from an accredited institution and/or professional experience in research, data analysis, and statistical work is required. A Bachelor's Degree from an accredited institution with a major in criminal justice, criminology, information systems, statistics, or related field is preferred. Prior work experience in law enforcement is preferred. Requires the ability to work overtime with little or no notice, shift work, weekends, holidays, evenings, and nights. Hours of operation are 24 hours a day, 365 days a year.

An Ideal Candidate Possesses:

* Knowledge of techniques and procedures used in operating emergency communications equipment (video monitoring systems, radio/CAD systems).

* Ability to simultaneously communicate, interpret communication, and enter data into a computer accurately.

* Strong understanding of statistics and reporting. University level statistics classes preferred. Statistical packages such as Excel, SPSS preferred. Reporting software such as Crystal Reports preferred.

* Understanding of analytical techniques including research methods, crime theory, and process evaluation. Real-world experience with complex problem-analysis or intelligence-analysis preferred.

* Ability to communicate effectively across all levels of an organization.

* Ability to identify trends and patterns in statistical information and displays.

Interested persons can apply utilizing the link below.

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[Title: Sheriff Mike Williams' Challenge Coin - Description: Sheriff Mike Williams' Challenge Coin]<https://urldefense.proofpoint.com/v2/url?u=http-3A__www.jaxsheriff.org_&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=iKD2ybSxPvq3EqRzryTCTgnfMo1hBFK2YAex8xfqN3E&s=Il-GHbcsZ1ET9v-7d_UAaycka3lsC73y22z5nGg2xAY&e=>Celbrica Tenah, #67935
Crime Analysis Unit Administrator
Jacksonville Sheriff's Office |Crime Analysis Unit
Office: 904.630.7006 | Desk: 904.630.7894 | Mobile: 904.719.3533
Celbrica.Tenah@jaxsheriff.org<mailto:Celbrica.Tenah@jaxsheriff.org>

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The Mission of the Jacksonville Sheriff's Office: "To Serve and Protect in Partnership with Our Community"

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Message: 3
Date: Fri, 29 Mar 2019 10:26:26 -0400
From: John Sinclair <john@synclayerinc.com>
To: Katherine Hill <khill@chattanooga.gov>
Cc: iacalist@iaca.net
Subject: Re: [IACA] Best Product for GPS ALPR and Incident
Investigations
Message-ID: <EF0AF72F-222B-4D04-A136-0593266EE5BA@synclayerinc.com>
Content-Type: text/plain; charset="utf-8"

Good Morning,

Like others have suggested, ESRI ArcMap is the industry standard for visualizing data but as most have probably mentioned, it is very difficult to use and takes quite a bit of time to master. However, I think the analysis you are looking for requires a custom algorithm to match up incidents in proximity to the ankle monitor data. I don?t believe there is an off the shelf product that can do exactly what you are asking.

We have a simple to use product that provides visualization of many different types of law enforcement datasets including ankle monitors and ALPR data. It does have the ability to match events in proximity to each other, but it is not exactly what you need in our production version. However, we do have the capability to match your events quickly using our unreleased version and I would be willing to run it to check for matching incidents free of charge to better understand your needs and how we make this capability easier to use as we incorporate it into our product.

In case you are interested and want more information on what we are working with, I attached a flyer to give you more insight into our product and here is a quick summary of some key differentiators of our software:
Synchronizing multiple suspects and data:
Simultaneously visualize the behaviors of multiple suspects
Concurrently view multiple types of data for one or more suspects
Automatically time align imported files
Easily import custom geospatial data
Live data feeds
Supports live data feeds like ping emails, vehicle GPS, mobile device apps, and drone locations
Automatically tracks and maps data
Visual triangulation of Verizon data
Provides extremely accurate position estimates for Verizon ping and ALULTE data
Report builder
Allows user to easily create reports of their findings and export them to PDF
Integrate with other sources
Integrate county resources, google resources, or other sources for more contextual information

Also, we have a short 6 minute video demonstration of how SyncArena was used in solving a murder for a multi-jurisdictional case. The video is available on our website www.syncarena.com <https://urldefense.proofpoint.com/v2/url?u=http-3A__www.syncarena.com_&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=iKD2ybSxPvq3EqRzryTCTgnfMo1hBFK2YAex8xfqN3E&s=POBEVbFdE-ntN90V1YRqchK0JLlxZLQFUAt0hGTUjvU&e=> or you can just use the direct link below:

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Password: syncArenA

Thank you,

John Sinclair
Sync Layer, Inc.
5220 Brentwood Farm Drive
Fairfax, VA 22030
Mobile: [redacted]
john@synclayerinc.com

> On Mar 26, 2019, at 1:53 PM, Katherine Hill via IACAList <iacalist@listserve.com> wrote:
>
> We are searching for the best product to visualize GPS data against our Incidents. For instance, we have a serial offender who had an ankle monitor, we want to load the GPS data, and automate checking for incidents in the vicinity of his location. Is there a product easy enough for Investigators to use, maybe even something that incorporates ALPR data?
>
> Thanks!
> --
> Katherine Hill 70917
> Crime Analyst
> Crime Analysis Unit
>
> Chattanooga Police Department
> 3410 Amnicola Hwy
> Chattanooga, TN 37406
> [redacted]
> khill@chattanooga.gov <mailto:khill@chattanooga.gov>
>
>
> *** You are subscribed to IACAList as john@synclayerinc.com. If you wish to unsubscribe, or modify your preferences please visit https://urldefense.proofpoint.com/v2/url?u=https-3A__mailman.listserve.com_listmanager_listinfo_iacalist&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=iKD2ybSxPvq3EqRzryTCTgnfMo1hBFK2YAex8xfqN3E&s=kJk2fnlXcFuZrHk9ik-oewqNEk-XZvemuy22eefiGXw&e= ***

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Subject: Digest Footer

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Log into the members area and go to My Account -- Discussion List Preferences. Your settings may take up to one week to go into effect.

End of IACAList Digest, Vol 152, Issue 32
****

From: IACAList on behalf of iacalist-request@listserve.com
To: iacalist@listserve.com
Subject: IACAList Digest, Vol 152, Issue 32
Date: Friday, March 29, 2019 11:06:59 AM

Send IACAList mailing list submissions to
iacalist@listserve.com

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https://urldefense.proofpoint.com/v2/url?u=http-3A__www.iaca.net&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=SRecMDWib8CqHSeTxaGm-BI1-YcSk0tGG0bVBhL-DiU&s=bwGdmevi5C50n-NRI7a5mp0sAb-2Fth2WR0iqMRRhKk&e=. Log into the members area and go to My Account -- Discussion List Preferences. Your settings may take up to one week to
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You can reach the person managing the list at
iacalist-owner@listserve.com

When replying, please edit your Subject line so it is more specific
than "Re: Contents of IACAList digest..."

Today's Topics:

1. Fwd: Identification (Katherine Hill)
2. Real Time Crime Center Analyst - Vacancy Announcement (Tenah, Celbrica E.)
3. Re: Best Product for GPS ALPR and Incident Investigations (John Sinclair)

Message: 1
Date: Fri, 29 Mar 2019 09:07:11 -0400
From: Katherine Hill <khill@chattanooga.gov>
To: iacalist@iaca.net
Subject: [IACA] Fwd: Identification
Message-ID:
<CAOikmr-UBNfrnr=-mjRCUcHJOn5bMtUnj7hiBcY8KOWQRcUQew@mail.gmail.com>
Content-Type: text/plain; charset="utf-8"

Can anyone identify the emblem on the cap and the back of the vest?
He's the suspect in the theft of our Sgts personally owned Harley Davidson
Motorcycle at his residence.
I'm just a little concerned as he took it to this gas station and just left
it, like a statement (?).

[image: IMG_1077.jpg]
[image: IMG_1080.jpg]
[image: IMG_1081.jpg]
[image: IMG_1079.jpg]
[image: IMG_1078.jpg]

Katherine Hill 70917
Crime Analyst
Crime Analysis Unit

Chattanooga Police Department
3410 Amnicola Hwy
Chattanooga, TN 37406
[redacted]
khill@chattanooga.gov
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Message: 2
Date: Fri, 29 Mar 2019 13:46:15 +0000
From: "Tenah, Celbrica E." <Celbrica.Tenah@jaxsheriff.org>
To: "iacalist@iaca.net" <iacalist@iaca.net>
Subject: [IACA] Real Time Crime Center Analyst - Vacancy Announcement
Message-ID:
<0FD30169BDDEB74184DF87CD5A40AA8481556305@AHV-EXMBX-05.jaxsheriff.net>
Content-Type: text/plain; charset="us-ascii"

Job Vacancy Announcement

The Jacksonville Sheriff's Office (JSO), an accredited and consolidated Law Enforcement Agency for Jacksonville, Florida, is hiring Real Time Crime Center Analysts. Jacksonville, the largest city in area in the continental United States, is a rapidly growing metropolitan city in Northeast Florida, with approximately 850,000 residents. A consolidated city and county, the agency consists of approximately 1,750 sworn and 1,200 non-sworn personnel. The current opening is an analytical support position designed to incorporate and leverage multiple technological systems to provide officers real-time intelligence and information.

Real Time Crime Center Analyst

This is a fast paced, analytical, technical and administrative work environment involving automated systems pertaining to law enforcement public safety communications. Work involves monitoring a Real Time Crime Center workstation that includes at least three (3) monitors, performing several tasks at the same time while simultaneously viewing multiple computer/camera screens. Receives, evaluates and transmits information via telephone, computer and multi-channel radio that frequently involves emergency and critical situations affecting human welfare and safety; utilizes computer-aided dispatch and other computer systems; quickly analyzes multiple data sets; recognizes and exploits relevant intelligence; maintains access to, and security of, highly sensitive materials and information; performs multiple activities simultaneously in a high visibility setting; works with frequent interruption in a framework of rules, procedures and regulations and perform technical tasks relative
to assigned area of responsibility. The center will facilitate, via camera feeds, CAD, and ShotSpotter the detection of suspicious and criminal activity. This information will be relayed to the responding and/or on scene officers via radio or message. Work includes monitoring, operating and interpreting multiple interactive software systems regarding emergency and criminal calls for service. Work also includes conducting queries of criminal justice data bases such as criminal histories and vehicle registration as well as researching relevant videos to assist in investigations and upload video to evidence repositories; and related duties as required. Must maintain emotional control and work effectively during emergencies, crisis situation, or extremely stressful conditions.

Basic Requirements Include:

A four-year combination of education from an accredited institution and/or professional experience in research, data analysis, and statistical work is required. A Bachelor's Degree from an accredited institution with a major in criminal justice, criminology, information systems, statistics, or related field is preferred. Prior work experience in law enforcement is preferred. Requires the ability to work overtime with little or no notice, shift work, weekends, holidays, evenings, and nights. Hours of operation are 24 hours a day, 365 days a year.

An Ideal Candidate Possesses:

* Knowledge of techniques and procedures used in operating emergency communications equipment (video monitoring systems, radio/CAD systems).

* Ability to simultaneously communicate, interpret communication, and enter data into a computer accurately.

* Strong understanding of statistics and reporting. University level statistics classes preferred. Statistical packages such as Excel, SPSS preferred. Reporting software such as Crystal Reports preferred.

* Understanding of analytical techniques including research methods, crime theory, and process evaluation. Real-world experience with complex problem-analysis or intelligence-analysis preferred.

* Ability to communicate effectively across all levels of an organization.

* Ability to identify trends and patterns in statistical information and displays.

Interested persons can apply utilizing the link below.

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[Title: Sheriff Mike Williams' Challenge Coin - Description: Sheriff Mike Williams' Challenge Coin]<https://urldefense.proofpoint.com/v2/url?u=http-3A__www.jaxsheriff.org_&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=SRecMDWib8CqHSeTxaGm-BI1-YcSk0tGG0bVBhL-DiU&s=19fDtTR_b79lVylGSxXm-TcOhPhZe2h0I6gsYgIgosQ&e=>Celbrica Tenah, #67935
Crime Analysis Unit Administrator
Jacksonville Sheriff's Office |Crime Analysis Unit
Office: 904.630.7006 | Desk: 904.630.7894 | Mobile: 904.719.3533
Celbrica.Tenah@jaxsheriff.org<mailto:Celbrica.Tenah@jaxsheriff.org>

Connect with us: jaxsheriff.org<https://urldefense.proofpoint.com/v2/url?u=http-3A__www.jaxsheriff.org_&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=SRecMDWib8CqHSeTxaGm-BI1-YcSk0tGG0bVBhL-DiU&s=19fDtTR_b79lVylGSxXm-TcOhPhZe2h0I6gsYgIgosQ&e=> or on social media
The Mission of the Jacksonville Sheriff's Office: "To Serve and Protect in Partnership with Our Community"

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Message: 3
Date: Fri, 29 Mar 2019 10:26:26 -0400
From: John Sinclair <john@synclayerinc.com>
To: Katherine Hill <khill@chattanooga.gov>
Cc: iacalist@iaca.net
Subject: Re: [IACA] Best Product for GPS ALPR and Incident
Investigations
Message-ID: <EF0AF72F-222B-4D04-A136-0593266EE5BA@synclayerinc.com>
Content-Type: text/plain; charset="utf-8"

Good Morning,

Like others have suggested, ESRI ArcMap is the industry standard for visualizing data but as most have probably mentioned, it is very difficult to use and takes quite a bit of time to master. However, I think the analysis you are looking for requires a custom algorithm to match up incidents in proximity to the ankle monitor data. I don?t believe there is an off the shelf product that can do exactly what you are asking.

We have a simple to use product that provides visualization of many different types of law enforcement datasets including ankle monitors and ALPR data. It does have the ability to match events in proximity to each other, but it is not exactly what you need in our production version. However, we do have the capability to match your events quickly using our unreleased version and I would be willing to run it to check for matching incidents free of charge to better understand your needs and how we make this capability easier to use as we incorporate it into our product.

In case you are interested and want more information on what we are working with, I attached a flyer to give you more insight into our product and here is a quick summary of some key differentiators of our software:
Synchronizing multiple suspects and data:
Simultaneously visualize the behaviors of multiple suspects
Concurrently view multiple types of data for one or more suspects
Automatically time align imported files
Easily import custom geospatial data
Live data feeds
Supports live data feeds like ping emails, vehicle GPS, mobile device apps, and drone locations
Automatically tracks and maps data
Visual triangulation of Verizon data
Provides extremely accurate position estimates for Verizon ping and ALULTE data
Report builder
Allows user to easily create reports of their findings and export them to PDF
Integrate with other sources
Integrate county resources, google resources, or other sources for more contextual information

Also, we have a short 6 minute video demonstration of how SyncArena was used in solving a murder for a multi-jurisdictional case. The video is available on our website www.syncarena.com <https://urldefense.proofpoint.com/v2/url?u=http-3A__www.syncarena.com_&d=DwICAg&c=lDF7oMaPKXpkYvev9V-

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Password: syncArenA

Thank you,

John Sinclair
Sync Layer, Inc.
5220 Brentwood Farm Drive
Fairfax, VA 22030
Mobile: G.L. c. 4.sec. 7.cl.26 (n)(i)
john@synclayerinc.com

> On Mar 26, 2019, at 1:53 PM, Katherine Hill via IACAList <iacalist@listserve.com> wrote:
>
> We are searching for the best product to visualize GPS data against our Incidents. For instance, we have a serial offender who had an ankle monitor, we want to load the GPS data, and automate checking for incidents in the vicinity of his location. Is there a product easy enough for Investigators to use, maybe even something that incorporates ALPR data?
>
> Thanks!
> --
> Katherine Hill 70917
> Crime Analyst
> Crime Analysis Unit
>
> Chattanooga Police Department
> 3410 Amnicola Hwy
> Chattanooga, TN 37406
> G.L. c. 4.sec. 7.cl.26 (n)
> khill@chattanooga.gov <mailto:khill@chattanooga.gov>
>
>
> *** You are subscribed to IACAList as john@synclayerinc.com. If you wish to unsubscribe, or modify your preferences please visit https://urldefense.proofpoint.com/v2/url?u=https-3A__mailman.listserve.com_listmanager_listinfo_iacalist&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=SRecMDWib8CqHSeTxaGm-BI1-YcSk0tGG0bVBhL-DiU&s=CKQtlNP5Ta7G9bcES0aMI1FI6DBPPkacMvOmX3TK5jM&e= ***

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Subject: Digest Footer

_____
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End of IACAList Digest, Vol 152, Issue 32
****

From: IACAList on behalf of iacalist-request@listserve.com
To: iacalist@listserve.com
Subject: IACAList Digest, Vol 152, Issue 33
Date: Saturday, March 30, 2019 8:50:50 AM

Send IACAList mailing list submissions to
iacalist@listserve.com

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https://urldefense.proofpoint.com/v2/url?u=http-3A__www.iaca.net&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=k-f3qfAYTa2rKV1jWd2dAEBkTtLd7yjunaAOvqUXQcg&s=F0--Htg3JCJquIZZuKcJSPGpKwdtsX_Q9t6vRbqsXVo&e=. Log into the members area and go to My Account --
Discussion List Preferences. Your settings may take up to one week to
go into effect.

You can review the list posting guidelines at
https://urldefense.proofpoint.com/v2/url?u=http-3A__www.iaca.net_Downloads_iaca-5Flist-5Fguidelines.pdf&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=k-f3qfAYTa2rKV1jWd2dAEBkTtLd7yjunaAOvqUXQcg&s=5G9uFFSLkb_5emgkFusEeYIj8IYONrMyeCAdeKakutI&e=

You can reach the person managing the list at
iacalist-owner@listserve.com

When replying, please edit your Subject line so it is more specific
than "Re: Contents of IACAList digest..."

Today's Topics:

1. Re: Fwd: Identification (Donaldson, Whitney)
2. MAPPING SOFTWARE (Angela M. Pollreisz)
3. Lead Crime Analyst Announcement (Albany, NY) (Jessica Roy)
4. Re: Best Product for GPS ALPR and Incident Investigations (John Sinclair)
5. Crime Analysts: Supporting Sexual Assault Investigations (Archived Resources) (Samantha Gwinn)
6. Re: Mapping Software (Misch, Robert)

Message: 1
Date: Fri, 29 Mar 2019 14:15:54 +0000
From: "Donaldson, Whitney" <Whitney.Donaldson@austintexas.gov>
To: "'Katherine Hill'" <khill@chattanooga.gov>, "'iacalist@iaca.net'" <iacalist@iaca.net>
Subject: Re: [IACA] Fwd: Identification
Message-ID: <aab86aed1f1542a99646d0ba37f59b45@cte-exc1013.ausps.org>
Content-Type: text/plain; charset="utf-8"

A variation of Heathens Nomad MC? The have a strong presence in East Tennessee.

[cid:image008.jpg@01D4E610.02607C90]

Whitney Donaldson
Crime Intelligence Analyst
Austin Police Department
Commercial Burglary
P.O. Box 689001
Austin, Texas 78768-900
P: 512-974-5921

From: IACAList <iacalist-bounces+whitney.donaldson=austintexas.gov@listserve.com> On Behalf Of Katherine Hill via IACAList
Sent: Friday, March 29, 2019 8:07 AM
To: iacalist@iaca.net
Subject: [IACA] Fwd: Identification

Can anyone identify the emblem on the cap and the back of the vest?
He's the suspect in the theft of our Sgts personally owned Harley Davidson Motorcycle at his residence.
I'm just a little concerned as he took it to this gas station and just left it, like a statement (?).

[IMG_1077.jpg]
[IMG_1080.jpg]
[IMG_1081.jpg]
[IMG_1079.jpg]
[IMG_1078.jpg]

Katherine Hill 70917
Crime Analyst
Crime Analysis Unit

Chattanooga Police Department
3410 Amnicola Hwy
Chattanooga, TN 37406
[redacted]
khill@chattanooga.gov<mailto:khill@chattanooga.gov>

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Message: 2
Date: Fri, 29 Mar 2019 15:09:42 +0000
From: "Angela M. Pollreisz" <apollreisz@LEBANONMO.ORG>
To: "iacalist@iaca.net" <iacalist@iaca.net>
Subject: [IACA] MAPPING SOFTWARE
Message-ID:
<CY4PR17MB10323BB2F76FC0F2071DA4D5C05A0@CY4PR17MB1032.namprd17.prod.outlook.com>

Content-Type: text/plain; charset="us-ascii"

Who do you all use for crime mapping software. We use Omnigo's map and it leaves a lot to be desired. My Chief is looking for other options.

Angie Pollreisz | Executive Assistant, Police Analyst
Office 417-532-3131 ext. 2331 | Direct 417-991-2331
Lebanon Police Department
401 S. Jefferson Ave | Lebanon, MO 65536
apollreisz@lebanonmo.org<mailto:apollreisz@lebanonmo.org>

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Message: 3
Date: Fri, 29 Mar 2019 11:45:09 -0400
From: Jessica Roy <mccormick.jessica123@gmail.com>
To: IACA ListServ <iacalist@iaca.net>
Subject: [IACA] Lead Crime Analyst Announcement (Albany, NY)
Message-ID:
<CAGyVAWF7weAjoH3Jsmf7R_is9++ZqBKgodSuom_vG51SnNhkRA@mail.gmail.com>
Content-Type: text/plain; charset="utf-8"

Good morning,

The Finn Institute is currently seeking to fill a full-time lead crime
analyst position. The analyst will work on-site at the Capital Region Crime
Analysis Center in Albany, NY. The Center is staffed with a team of crime
analysts and sworn law enforcement members who support area law enforcement
agencies in their efforts to track and reduce Part I crime.

Please see the attached position announcement for more information.

Thank you,

Jessica

Jessica Roy
Assistant Director of Technical Assistance, Research Analyst
The John F. Finn Institute for Public Safety, Inc.
421 New Karner Rd., Ste. 12, Albany, NY 12205
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Message: 4
Date: Fri, 29 Mar 2019 12:01:30 -0400
From: John Sinclair <john@synclayerinc.com>
To: John Sinclair <john@synclayerinc.com>
Cc: iacalist@iaca.net
Subject: Re: [IACA] Best Product for GPS ALPR and Incident
Investigations
Message-ID: <5D287534-CE86-4A02-8C3C-B9E7F50ECB1F@synclayerinc.com>
Content-Type: text/plain; charset="utf-8"

All -

Our sincere apologies for sending the previous response to the entire list. It was not our intention to spam the entire group. The password to the video has been changed. Please contact us directly if you would like to learn more about our product. Again our apologies.

Sincerely,

John Sinclair
Sync Layer, Inc.
5220 Brentwood Farm Drive
Fairfax, VA 22030
Mobile: [redacted]
john@synclayerinc.com

> On Mar 29, 2019, at 10:26 AM, John Sinclair via IACAList <iacalist@listserve.com> wrote:
>
> Good Morning,
>
> Like others have suggested, ESRI ArcMap is the industry standard for visualizing data but as most have probably mentioned, it is very difficult to use and takes quite a bit of time to master. However, I think the analysis you are looking for requires a custom algorithm to match up incidents in proximity to the ankle monitor data. I don?t believe there is an off the shelf product that can do exactly what you are asking.
>
> We have a simple to use product that provides visualization of many different types of law enforcement datasets including ankle monitors and ALPR data. It does have the ability to match events in proximity to each other, but it is not exactly what you need in our production version. However, we do have the capability to match your events quickly using our unreleased version and I would be willing to run it to check for matching incidents free of charge to better understand your needs and how we make this capability easier to use as we incorporate it into our product.
>
> In case you are interested and want more information on what we are working with, I attached a flyer to give you more insight into our product and here is a quick summary of some key differentiators of our software:
> Synchronizing multiple suspects and data:

> Simultaneously visualize the behaviors of multiple suspects
> Concurrently view multiple types of data for one or more suspects
> Automatically time align imported files
> Easily import custom geospatial data
> Live data feeds
> Supports live data feeds like ping emails, vehicle GPS, mobile device apps, and drone locations
> Automatically tracks and maps data
> Visual triangulation of Verizon data
> Provides extremely accurate position estimates for Verizon ping and ALULTE data
> Report builder
> Allows user to easily create reports of their findings and export them to PDF
> Integrate with other sources
> Integrate county resources, google resources, or other sources for more contextual information
>
> Also, we have a short 6 minute video demonstration of how SyncArena was used in solving a murder for a multi-jurisdictional case. The video is available on our website www.syncarena.com <https://urldefense.proofpoint.com/v2/url?u=http-3A__www.syncarena.com_&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=k-f3qfAYTa2rKV1jWd2dAEBkTtLd7yjunaAOvqUXQcg&s=Dqmv5Cm-87tNcmIYIrnsjPn_XW-kgP7RfwS5Gobbtcs&e=> or you can just use the direct link below:
>
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> Thank you,
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> John Sinclair
> Sync Layer, Inc.
> 5220 Brentwood Farm Drive
> Fairfax, VA 22030
> Mobile: [redacted]
> john@synclayerinc.com <mailto:john@synclayerinc.com>
>
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> <synclayer.png>
> <SyncArena Capability.pdf>
>
>
>> On Mar 26, 2019, at 1:53 PM, Katherine Hill via IACAList <iacalist@listserve.com <mailto:iacalist@listserve.com>> wrote:
>>
>> We are searching for the best product to visualize GPS data against our Incidents. For instance, we have a serial offender who had an ankle monitor, we want to load the GPS data, and automate checking for incidents in the vicinity of his location. Is there a product easy enough for Investigators to use, maybe even something that incorporates ALPR data?
>>
>> Thanks!
>> --
>> Katherine Hill 70917
>> Crime Analyst
>> Crime Analysis Unit
>>
>> Chattanooga Police Department
>> 3410 Amnicola Hwy
>> Chattanooga, TN 37406
>> [redacted]
>> khill@chattanooga.gov <mailto:khill@chattanooga.gov>
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Message: 5
Date: Fri, 29 Mar 2019 16:04:34 -0400
From: Samantha Gwinn <samantha.dc@gmail.com>
To: IACA List <IACAList@iaca.net>
Subject: [IACA] Crime Analysts: Supporting Sexual Assault
Investigations (Archived Resources)
Message-ID:
<CACtnp8k5sMox9x_1N8gyuoSsgjympQ-j_ODoSqBwacUhri=bJw@mail.gmail.com>
Content-Type: text/plain; charset="utf-8"

Hi all,
Earlier this week, I gave a webinar hosted by RTI International, as part of the BJA Sexual Assault Kit Initiative program. (This webinar is not affiliated with LexisNexis Risk Solutions.) If you happened to attend, thank you! If you did not attend, the materials and an archived version are described and linked below.

While visiting the SAKI TTA website <https://urldefense.proofpoint.com/v2/url?u=http-3A__www.sakitta.org&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=k-f3qfAYTa2rKV1jWd2dAEBkTtLd7yjunaAOvqUXQcg&s=-UgqkQhaFqsOhVSORIaty5yjEUJAAS2H5bqpoQ3k4I8&e=>, I encourage you to explore and download additional resources, and sign up for updates (via the Create an Account link).

If you have any feedback or questions about the effort to involve crime analysts in sexual assault investigations and DNA backlog testing efforts, and we have not spoken about this effort already, please feel free to reach out.

Thank you and have a great weekend!
Sam

Samantha Gwinn
SAKI TTA Crime Analysis SME
RTI International
202.642.4754
samantha.dc@gmail.com

SAKI TTA - Crime Analysts: Supporting Sexual Assault Investigations
(Archival)

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SAKI TTA Webinar - Crime Analysts: Supporting Sexual Assault Investigations *(Archival)
*

SAKI TTA hosted a webinar titled, 'Crime Analysts: Supporting Sexual Assault Investigations', on Tuesday, March 26th, 2019 from 2:00pm ? 3:00pm ET. This webinar was presented by Samantha Gwinn, Public Safety Platform Manager with LexisNexis Risk Solutions.

You can access a recording of this webinar in our archive <https://urldefense.proofpoint.com/v2/url?u=https-3A__sakitta.us13.list-2Dmanage.com_track_click-3Fu-3Dee5523512411738bf07923a86-26id-3D8768b1c564-26e-3D2d5b9959a5&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=k-f3qfAYTa2rKV1jWd2dAEBkTtLd7yjunaAOvqUXQcg&s=_7i1zs6LwMXqY6cNTHyp2tYJmHltVz_ytEpsQDuBNQk&e=>. Please click on the link below to view the archived webinar.

*View Archive *
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This webinar focused on the growing role for crime analysts as an integral part of SAKI and sexual assault investigations. The research being conducted as more SAKs are tested and more lawfully owed DNA is collected shows us that serial offenders are more common than previously known and that there is a need for better offender tracking and data analysis. Crime analysis has been a thriving professional field for decades, but we are only beginning to see opportunities emerging in the area of sexual assault and cold case investigations.

The presenter discussed best practices for agencies and analysts when it comes to supporting sexual assault investigations and prosecution, thereby holding offenders accountable and enabling justice for victims.
*Presentation Materials *

Click here <https://urldefense.proofpoint.com/v2/url?u=https-3A__sakitta.us13.list-2Dmanage.com_track_click-3Fu-3Dee5523512411738bf07923a86-26id-3D11f7269cfb-26e-3D2d5b9959a5&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=k-f3qfAYTa2rKV1jWd2dAEBkTtLd7yjunaAOvqUXQcg&s=qMecLr0MaQvYIGibHZD8jso0H0SrcBq3_PtQB9Ybfhw&e=> to download a PDF of the slides used as part of this webinar.
Click here <https://urldefense.proofpoint.com/v2/url?u=https-3A__sakitta.us13.list-2Dmanage.com_track_click-3Fu-3Dee5523512411738bf07923a86-26id-3D273a365629-26e-3D2d5b9959a5&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=k-f3qfAYTa2rKV1jWd2dAEBkTtLd7yjunaAOvqUXQcg&s=8NT5yvlsSVV9Mv5XqZ5WBcogGKJhwcihjnZXdF3NDVo&e=> to download a PDF of the SAKI TTA Brief on Applying Crime Analysis to Solve Cold Case Sexual Assaults

If you have any questions about the material presented as part of this webinar, please feel free to reach out to the SAKI TTA team.

Regards,

* The SAKI TTA Team*
sakitta@rti.org
1-800-957-6436

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This project was supported by Grant No. 2015-AK-BX-K021 awarded by the Bureau of Justice Assistance. The Bureau of Justice Assistance is a component of the Department of Justice's Office of Justice Programs, which also includes the Bureau of Justice Statistics, the National Institute of Justice, the Office of Juvenile Justice and Delinquency Prevention, the Office for Victims of Crime, and the SMART Office. Points of view or opinions in this document are those of the author and do not necessarily represent the official position or policies of the U.S. Department of Justice.

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Message: 6
Date: Fri, 29 Mar 2019 19:24:44 +0000
From: "Misch, Robert" <Robert.Misch@aus.com>
To: "iacalist@iaca.net" <iacalist@iaca.net>
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Message-ID:
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Content-Type: text/plain; charset="utf-8"

Does anyone know of mapping software that can be used to label points on a building map?

I have to update our property check point scan maps to show the location and the name of the scan. I have the blue print type map of the property both internal and external. However I have not been able to find a map software that will let me properly use it. It's like pin point mapping but I have to also be able to clearly label it without it crowding the other pin points. The major issue is crowding on the map. There are at least 200 points I will need to record on the map.

Any suggestions are appreciated.

Thanks!

Maj. Robert Misch
Assistant Director of Security
Allied Universal

Grapevine Mills - Simon
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From: IACAList on behalf of iacalist-request@listserve.com
To: iacalist@listserve.com
Subject: IACAList Digest, Vol 152, Issue 33
Date: Saturday, March 30, 2019 8:50:51 AM

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You can review the list posting guidelines at https://urldefense.proofpoint.com/v2/url?u=http-3A__www.iaca net_Downloads_iaca-5Flist-5Fguidelines.pdf&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=4FPs4GbqHDUkPVIaY_Lr9ueCufgMX31557X32xgNRCQ&s=7TKAKLKJW-aSHkPXSjTfLRRQBwf9CPdNKMflnQexEk4&e=

You can reach the person managing the list at
iacalist-owner@listserve.com

When replying, please edit your Subject line so it is more specific than "Re: Contents of IACAList digest..."

Today's Topics:

1. Re: Fwd: Identification (Donaldson, Whitney)
2. MAPPING SOFTWARE (Angela M. Pollreisz)
3. Lead Crime Analyst Announcement (Albany, NY) (Jessica Roy)
4. Re: Best Product for GPS ALPR and Incident Investigations (John Sinclair)
5. Crime Analysts: Supporting Sexual Assault Investigations (Archived Resources) (Samantha Gwinn)
6. Re: Mapping Software (Misch, Robert)

Message: 1
Date: Fri, 29 Mar 2019 14:15:54 +0000
From: "Donaldson, Whitney" <Whitney.Donaldson@austintexas.gov>
To: "'Katherine Hill'" <khill@chattanooga.gov>, "'iacalist@iaca.net'" <iacalist@iaca net>
Subject: Re: [IACA] Fwd: Identification
Message-ID: <aab86aed1f1542a99646d0ba37f59b45@cte-exc1013.ausps.org>
Content-Type: text/plain; charset="utf-8"

A variation of Heathens Nomad MC? The have a strong presence in East Tennessee.

[cid:image008.jpg@01D4E610.02607C90]

Whitney Donaldson
Crime Intelligence Analyst
Austin Police Department
Commercial Burglary
P.O. Box 689001
Austin, Texas 78768-900
P: 512-974-5921

From: IACAList <iacalist-bounces+whitney.donaldson=austintexas.gov@listserve.com> On Behalf Of Katherine Hill via IACAList
Sent: Friday, March 29, 2019 8:07 AM
To: iacalist@iaca net
Subject: [IACA] Fwd: Identification

Can anyone identify the emblem on the cap and the back of the vest?
He's the suspect in the theft of our Sgts personally owned Harley Davidson Motorcycle at his residence.
I'm just a little concerned as he took it to this gas station and just left it, like a statement (?).
[IMG_1077.jpg]
[IMG_1080.jpg]
[IMG_1081.jpg]
[IMG_1079.jpg]
[IMG_1078.jpg]

Katherine Hill 70917
Crime Analyst
Crime Analysis Unit

Chattanooga Police Department
3410 Amnicola Hwy
Chattanooga, TN 37406
G.L. c. 4 sec.
khill@chattanooga.gov<mailto:khill@chattanooga.gov>

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Message: 2
Date: Fri, 29 Mar 2019 15:09:42 +0000
From: "Angela M. Pollreisz" <apollreisz@LEBANONMO.ORG>
To: "iacalist@iaca net" <iacalist@iaca net>
Subject: [IACA] MAPPING SOFTWARE
Message-ID:
<CY4PR17MB10323BB2F76FC0F2071DA4D5C05A0@CY4PR17MB1032.namprd17.prod.outlook.com>

Content-Type: text/plain; charset="us-ascii"

Who do you all use for crime mapping software. We use Omnigo's map and it leaves a lot to be desired. My Chief is looking for other options.

Angie Pollreisz | Executive Assistant, Police Analyst
Office 417-532-3131 ext. 2331 | Direct 417-991-2331
Lebanon Police Department
401 S. Jefferson Ave | Lebanon, MO 65536
apollreisz@lebanonmo.org<mailto:apollreisz@lebanonmo.org>

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Message: 3
Date: Fri, 29 Mar 2019 11:45:09 -0400
From: Jessica Roy <mccormick.jessica123@gmail.com>
To: IACA ListServ <iacalist@iaca net>
Subject: [IACA] Lead Crime Analyst Announcement (Albany, NY)
Message-ID:
<CAGyVAWF7weAjoH3Jsmf7R_is9++ZqBKgodSuom_vG51SnNhkRA@mail.gmail.com>
Content-Type: text/plain; charset="utf-8"

Good morning,

The Finn Institute is currently seeking to fill a full-time lead crime
analyst position. The analyst will work on-site at the Capital Region Crime
Analysis Center in Albany, NY. The Center is staffed with a team of crime
analysts and sworn law enforcement members who support area law enforcement
agencies in their efforts to track and reduce Part I crime.

Please see the attached position announcement for more information.

Thank you,

Jessica

Jessica Roy
Assistant Director of Technical Assistance, Research Analyst
The John F. Finn Institute for Public Safety, Inc.
421 New Karner Rd., Ste. 12, Albany, NY 12205
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Message: 4
Date: Fri, 29 Mar 2019 12:01:30 -0400
From: John Sinclair <john@synclayerinc.com>
To: John Sinclair <john@synclayerinc.com>
Cc: iacalist@iaca net
Subject: Re: [IACA] Best Product for GPS ALPR and Incident
Investigations
Message-ID: <5D287534-CE86-4A02-8C3C-B9E7F50ECB1F@synclayerinc.com>
Content-Type: text/plain; charset="utf-8"

All -

Our sincere apologies for sending the previous response to the entire list. It was not our intention to spam the entire group. The password to the video has been changed. Please contact us directly if you would like to learn more about our product. Again our apologies.

Sincerely,

John Sinclair
Sync Layer, Inc.
5220 Brentwood Farm Drive
Fairfax, VA 22030
Mobile: 571.6.4.sec.7
john@synclayerinc.com

> On Mar 29, 2019, at 10:26 AM, John Sinclair via IACAList <iacalist@listserve.com> wrote:
>
> Good Morning,
>
> Like others have suggested, ESRI ArcMap is the industry standard for visualizing data but as most have probably mentioned, it is very difficult to use and takes quite a bit of time to master. However, I think the analysis you are looking for requires a custom algorithm to match up incidents in proximity to the ankle monitor data. I don?t believe there is an off the shelf product that can do exactly what you are asking.
>
> We have a simple to use product that provides visualization of many different types of law enforcement datasets including ankle monitors and ALPR data. It does have the ability to match events in proximity to each other, but it is not exactly what you need in our production version. However, we do have the capability to match your events quickly using our unreleased version and I would be willing to run it to check for matching incidents free of charge to better understand your needs and how we make this capability easier to use as we incorporate it into our product.
>
> In case you are interested and want more information on what we are working with, I attached a flyer to give you more insight into our product and here is a quick summary of some key differentiators of our software:
> Synchronizing multiple suspects and data:
> Simultaneously visualize the behaviors of multiple suspects
> Concurrently view multiple types of data for one or more suspects
> Automatically time align imported files
> Easily import custom geospatial data
> Live data feeds
> Supports live data feeds like ping emails, vehicle GPS, mobile device apps, and drone locations
> Automatically tracks and maps data
> Visual triangulation of Verizon data
> Provides extremely accurate position estimates for Verizon ping and ALULTE data
> Report builder
> Allows user to easily create reports of their findings and export them to PDF
> Integrate with other sources
> Integrate county resources, google resources, or other sources for more contextual information
>
> Also, we have a short 6 minute video demonstration of how SyncArena was used in solving a murder for a multi-jurisdictional case. The video is available on our website www.syncarena.com <https://urldefense.proofpoint.com/v2/url?u=http-3A__www.syncarena.com_&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=4FPs4GbqHDUkPVIaY_Lr9ueCufgMX31557X32xgNRCQ&s=50Vs-8yTwvkpSZkpX-62Xfni6nJ6Gnj1XtZKuFlDYJ4&e=> or you can just use the direct link below:
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> Password: syncArenA
>
> Thank you,
>
> John Sinclair
> Sync Layer, Inc.
> 5220 Brentwood Farm Drive
> Fairfax, VA 22030
> Mobile: [redacted]
> john@synclayerinc.com <mailto:john@synclayerinc.com>
>
>
> <synclayer.png>
> <SyncArena Capability.pdf>
>
>
>> On Mar 26, 2019, at 1:53 PM, Katherine Hill via IACAList <iacalist@listserve.com <mailto:iacalist@listserve.com>> wrote:
>>
>> We are searching for the best product to visualize GPS data against our Incidents. For instance, we have a serial offender who had an ankle monitor, we want to load the GPS data, and automate checking for incidents in the vicinity of his location. Is there a product easy enough for Investigators to use, maybe even something that incorporates ALPR data?
>>
>> Thanks!
>> --
>> Katherine Hill 70917
>> Crime Analyst
>> Crime Analysis Unit
>>
>> Chattanooga Police Department
>> 3410 Amnicola Hwy
>> Chattanooga, TN 37406
>> [redacted]
>> khill@chattanooga.gov <mailto:khill@chattanooga.gov>
>>
>>
>> *** You are subscribed to IACAList as john@synclayerinc.com <mailto:john@synclayerinc.com>. If you wish to unsubscribe, or modify your preferences please visit https://urldefense.proofpoint.com/v2/url?u=https-3A__mailman.listserve.com_listmanager_listinfo_iacalist&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=4FPs4GbqHDUkPVIaY_Lr9ueCufgMX31557X32xgNRCQ&s=1e1Yw5lzIon9CWq-ZoDdKM9YzATdAqZ_8zieyIUvj0g&e= <https://urldefense.proofpoint.com/v2/url?u=https-3A__mailman.listserve.com_listmanager_listinfo_iacalist&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=4FPs4GbqHDUkPVIaY_Lr9ueCufgMX31557X32xgNRCQ&s=1e1Yw5lzIon9CWq-ZoDdKM9YzATdAqZ_8zieyIUvj0g&e=> ***
>
> *** You are subscribed to IACAList as john@synclayerinc.com. If you wish to unsubscribe, or modify your preferences please visit https://urldefense.proofpoint.com/v2/url?u=https-3A__mailman.listserve.com_listmanager_listinfo_iacalist&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=4FPs4GbqHDUkPVIaY_Lr9ueCufgMX31557X32xgNRCQ&s=1e1Yw5lzIon9CWq-ZoDdKM9YzATdAqZ_8zieyIUvj0g&e= ***

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Message: 5
Date: Fri, 29 Mar 2019 16:04:34 -0400
From: Samantha Gwinn <samantha.dc@gmail.com>
To: IACA List <IACAList@iaca net>
Subject: [IACA] Crime Analysts: Supporting Sexual Assault
Investigations (Archived Resources)
Message-ID:
<CACtnp8k5sMox9x_1N8gyuoSsgjympQ-j_ODoSqBwacUhri=bJw@mail.gmail.com>
Content-Type: text/plain; charset="utf-8"

Hi all,
Earlier this week, I gave a webinar hosted by RTI International, as part of the BJA Sexual Assault Kit Initiative program. (This webinar is not affiliated with LexisNexis Risk Solutions.) If you happened to attend, thank you! If you did not attend, the materials and an archived version are described and linked below.

While visiting the SAKI TTA website <https://urldefense.proofpoint.com/v2/url?u=http-3A__www.sakitta.org&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=4FPs4GbqHDUkPVIaY_Lr9ueCufgMX31557X32xgNRCQ&s=5tIAdlTSVbCaOzMh0kLfbade9kCYHm8MrZ32G0Akn50&e=>, I encourage
you to explore and download additional resources, and sign up for updates (via the Create an Account link).

If you have any feedback or questions about the effort to involve crime analysts in sexual assault investigations and DNA backlog testing efforts, and we have not spoken about this effort already, please feel free to reach out.

Thank you and have a great weekend!
Sam

Samantha Gwinn
SAKI TTA Crime Analysis SME
RTI International
202.642.4754
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SAKI TTA - Crime Analysts: Supporting Sexual Assault Investigations
(Archival)

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SAKI TTA Webinar - Crime Analysts: Supporting Sexual Assault Investigations *(Archival)
*

SAKI TTA hosted a webinar titled, 'Crime Analysts: Supporting Sexual Assault Investigations', on Tuesday, March 26th, 2019 from 2:00pm ? 3:00pm ET. This webinar was presented by Samantha Gwinn, Public Safety Platform Manager with LexisNexis Risk Solutions.

You can access a recording of this webinar in our archive
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This webinar focused on the growing role for crime analysts as an integral part of SAKI and sexual assault investigations. The research being conducted as more SAKs are tested and more lawfully owed DNA is collected shows us that serial offenders are more common than previously known and that there is a need for better offender tracking and data analysis. Crime analysis has been a thriving professional field for decades, but we are only beginning to see opportunities emerging in the area of sexual assault and cold case investigations.

The presenter discussed best practices for agencies and analysts when it comes to supporting sexual assault investigations and prosecution, thereby holding offenders accountable and enabling justice for victims.
*Presentation Materials *

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to download a PDF of the SAKI TTA Brief on Applying Crime Analysis to Solve
Cold Case Sexual Assaults

If you have any questions about the material presented as part of this webinar, please feel free to reach out to the SAKI TTA team.

Regards,

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This project was supported by Grant No. 2015-AK-BX-K021 awarded by the Bureau of Justice Assistance. The Bureau of Justice Assistance is a component of the Department of Justice's Office of Justice Programs, which also includes the Bureau of Justice Statistics, the National Institute of Justice, the Office of Juvenile Justice and Delinquency Prevention, the Office for Victims of Crime, and the SMART Office. Points of view or opinions in this document are those of the author and do not necessarily represent the official position or policies of the U.S. Department of Justice.

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Message: 6
Date: Fri, 29 Mar 2019 19:24:44 +0000
From: "Misch, Robert" <Robert.Misch@aus.com>

To: "iacalist@iaca net" <iacalist@iaca net>
Subject: Re: [IACA] Mapping Software
Message-ID:
<DM6PR10MB2956AFC68B9158D66A62ED3D9C5A0@DM6PR10MB2956 namprd10.prod.outlook.com>

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Does anyone know of mapping software that can be used to label points on a building map?

I have to update our property check point scan maps to show the location and the name of the scan. I have the blue print type map of the property both internal and external. However I have not been able to find a map software that will let me properly use it. It's like pin point mapping but I have to also be able to clearly label it without it crowding the other pin points. The major issue is crowding on the map. There are at least 200 points I will need to record on the map.

Any suggestions are appreciated.

Thanks!

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Assistant Director of Security
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Subject: Is your agency up-to-date with police technology?
Date: Thursday, September 5, 2019 6:15:33 PM

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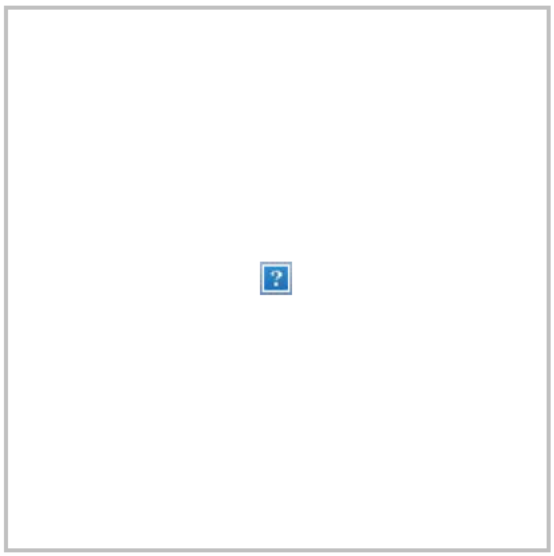
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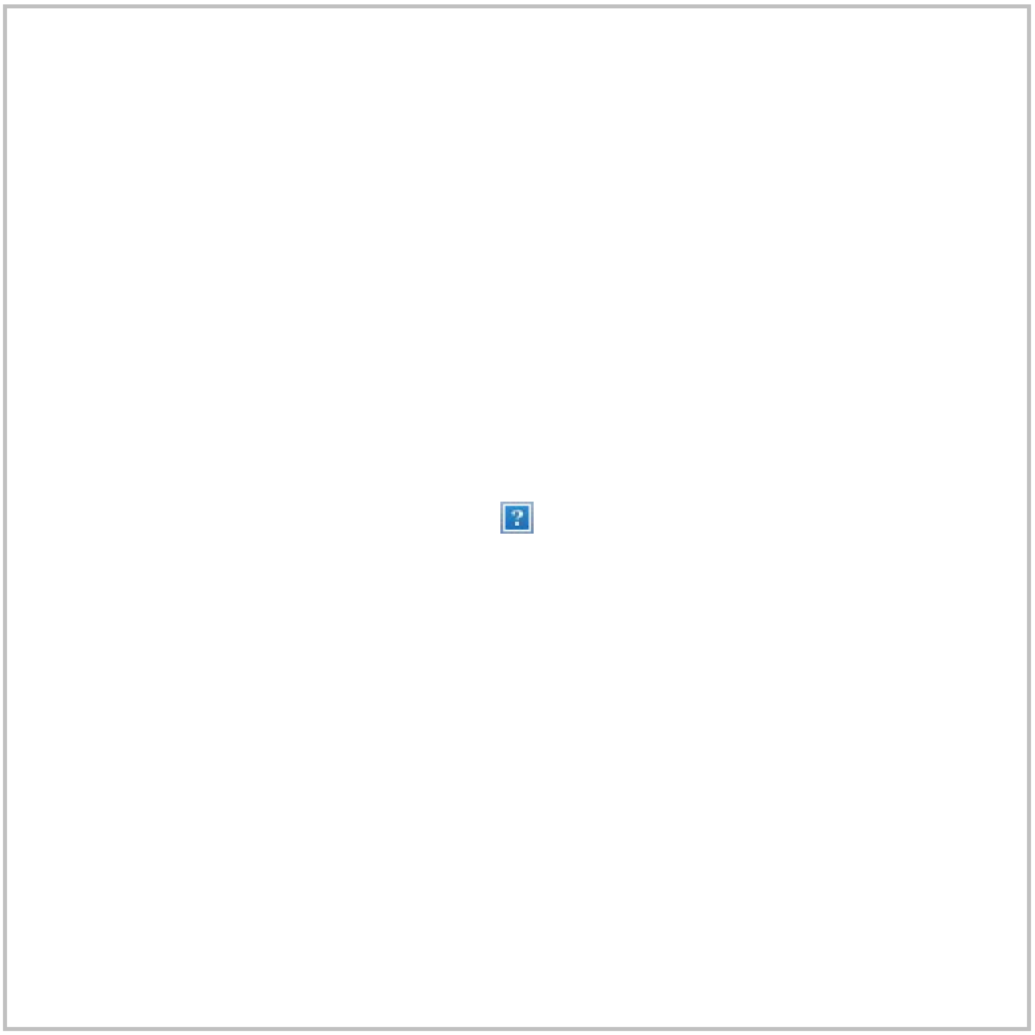
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L.A. County Sheriff Alex Villanueva defends reinstating...

Alex Villanueva is less than two months into his role as Los Angeles County sheriff, but county watchdogs are already expressing concern over some of his moves. At his first appearance before the Sheriff Civilian Oversight Commission on Tuesday,...

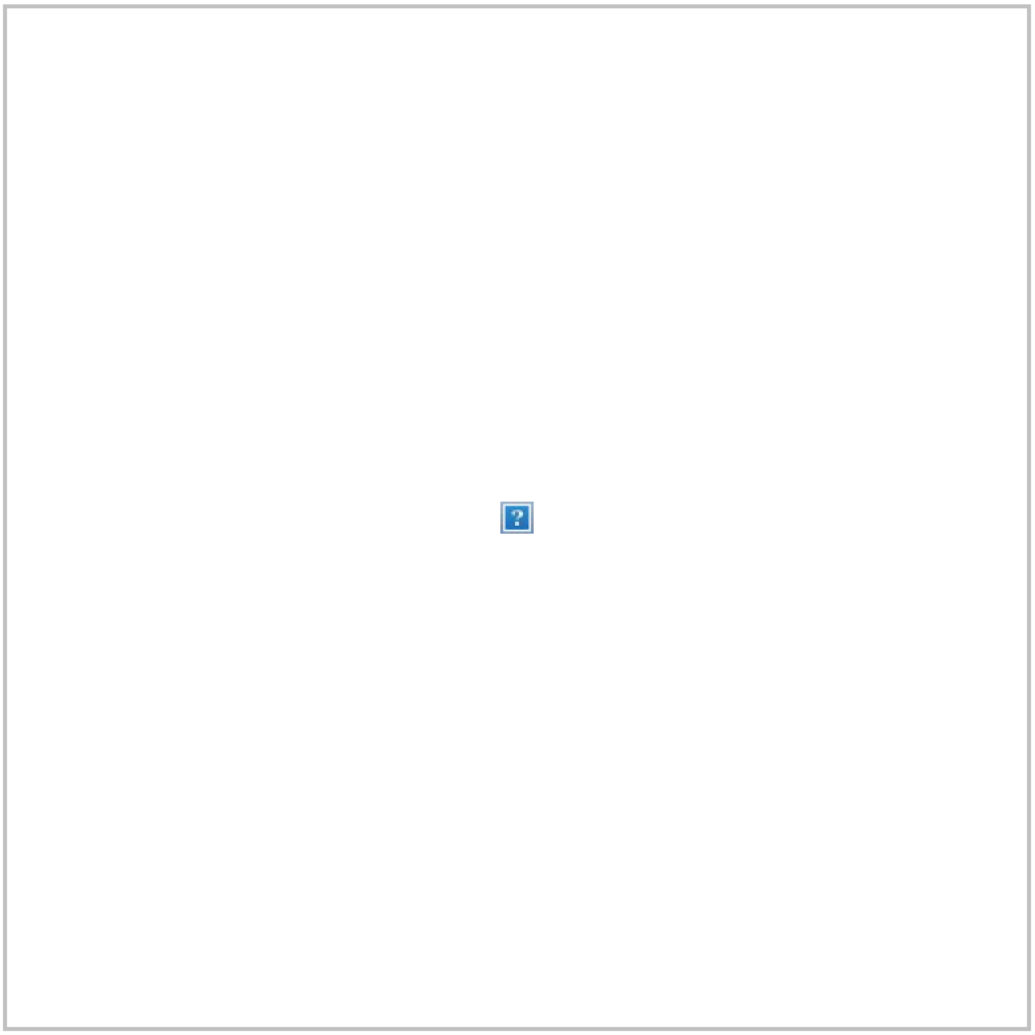
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Phoenix police arrest former nurse after woman in...

Police in Arizona have made an arrest in connection with a woman who gave birth to a baby boy while in a vegetative state. The 36-year-old suspect, Nathan Sutherland, was arrested after investigators obtained a DNA sample Tuesday, according to...

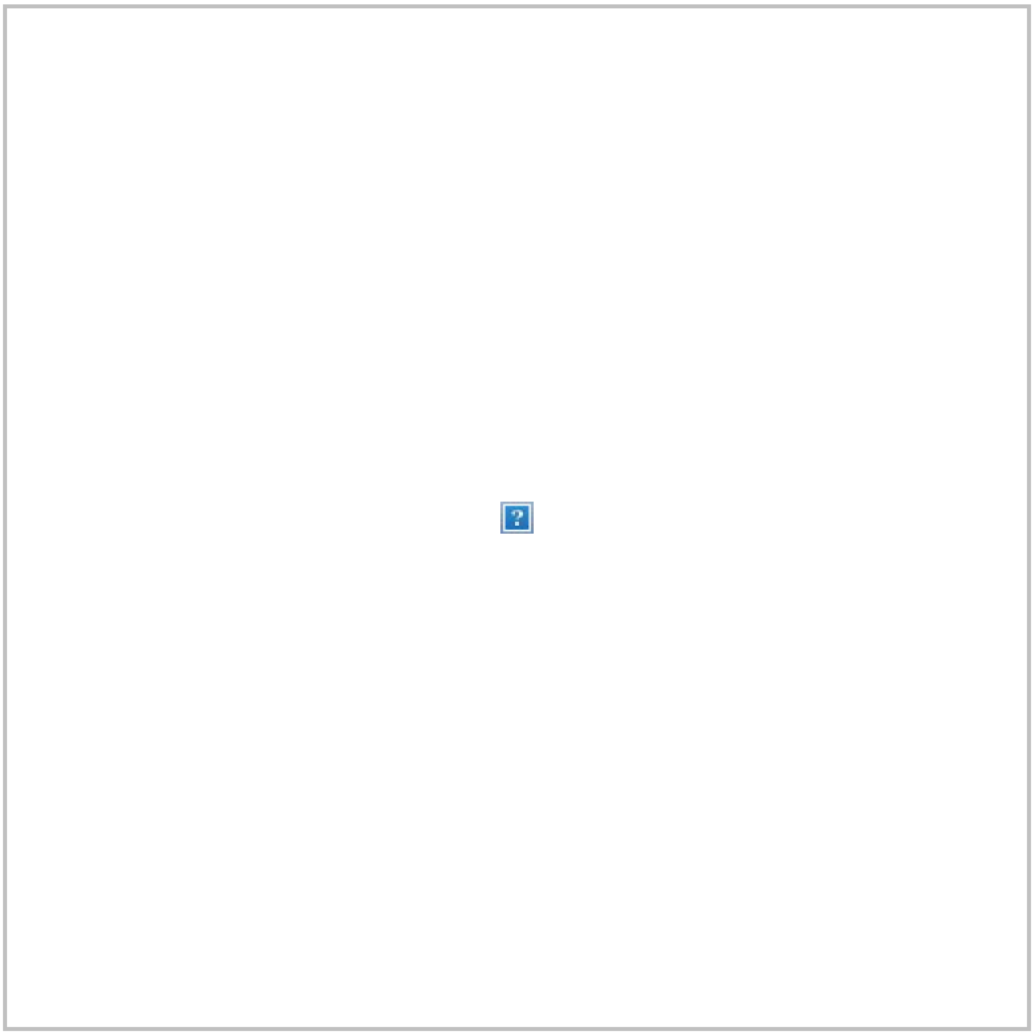
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Newsom plans to move California Juvenile Justice...

California Gov. Gavin Newsom said Tuesday that he intends to shift control of the state's Juvenile Justice Division away from corrections officials to government health and human services providers, a move he called long overdue and necessary to...

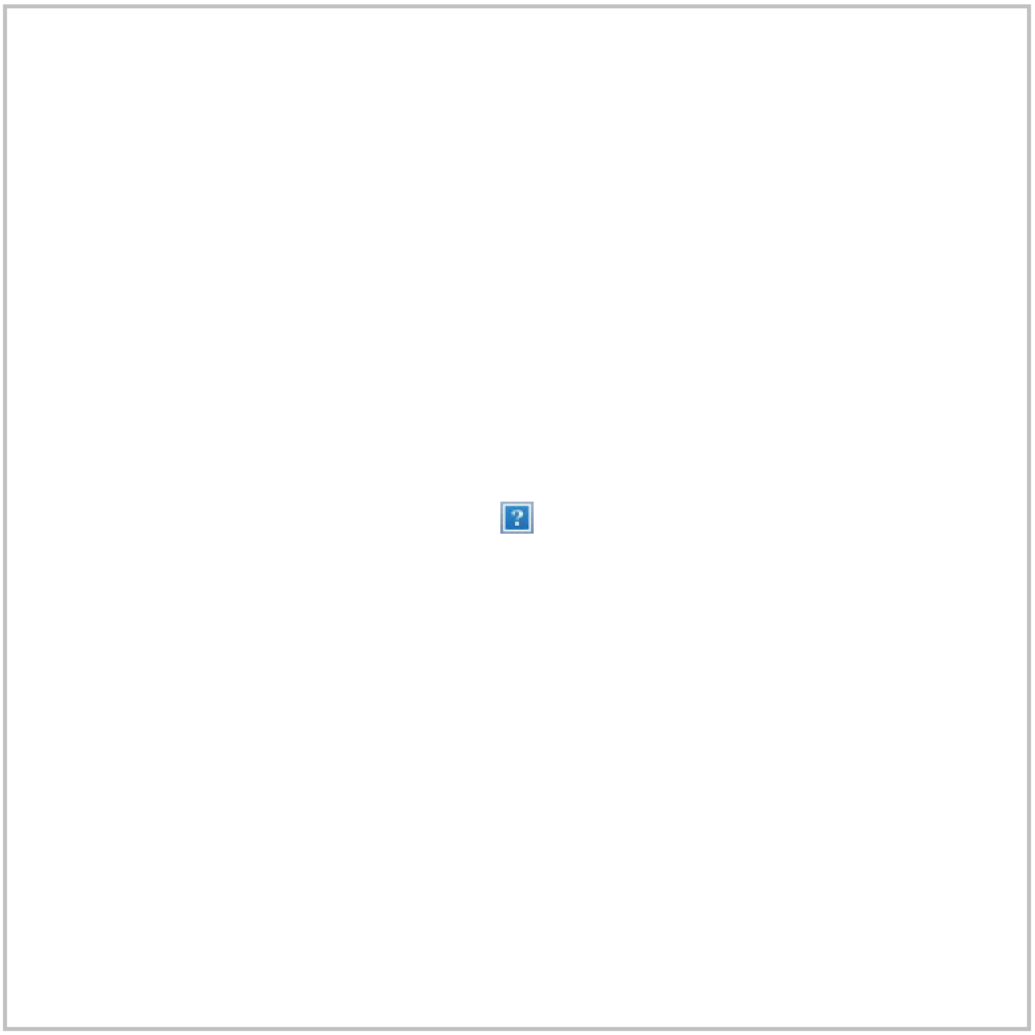
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Supreme Court will review gun restrictions for first...

January 22 The Supreme Court on Tuesday said it will examine New York City's ban on transporting a licensed and unloaded handgun outside the city limits, the first Second Amendment challenge it has accepted in nearly a decade.

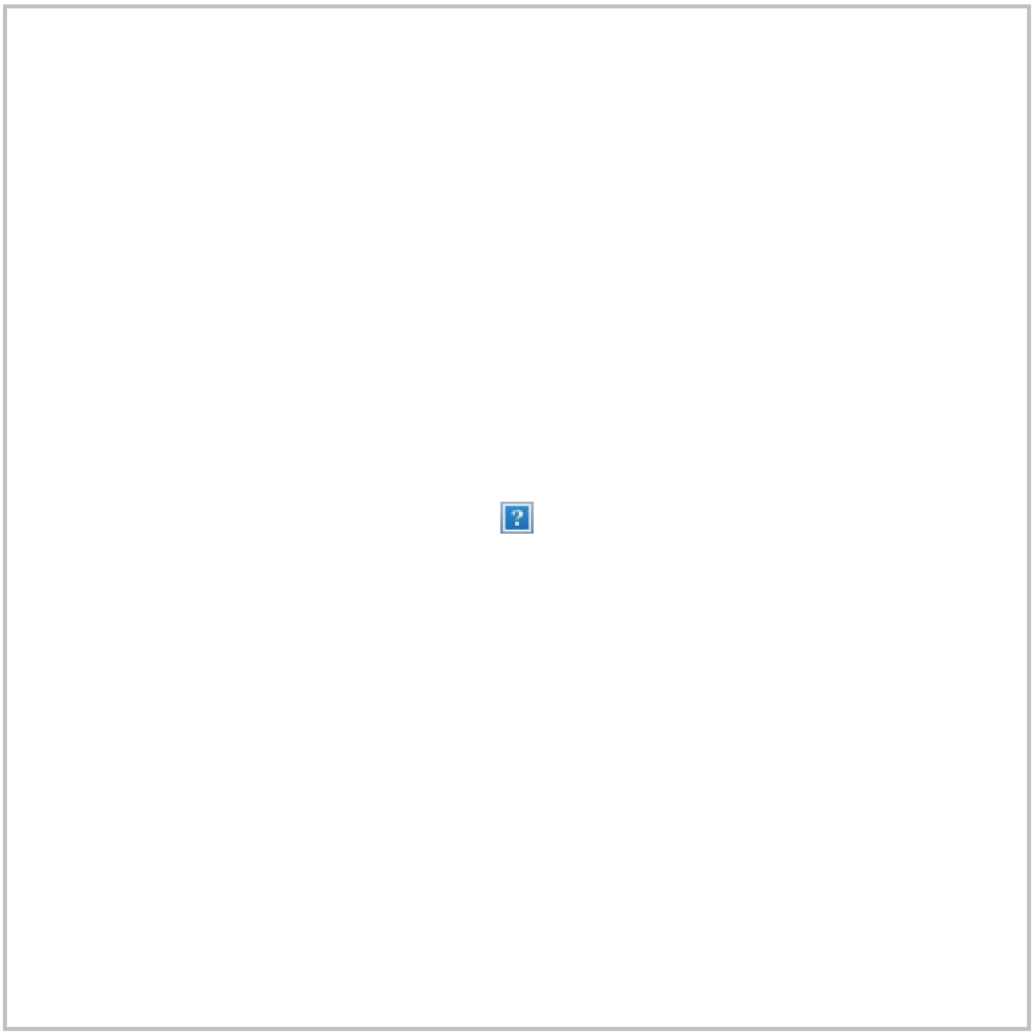
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DACA program that protects young undocumented immigrants ...

January 22 at 10:38 AM The Supreme Court is not likely to review during its current term the program that shields young undocumented immigrants brought to the United States as children, leaving in place the Obama-era initiative that the Trump...

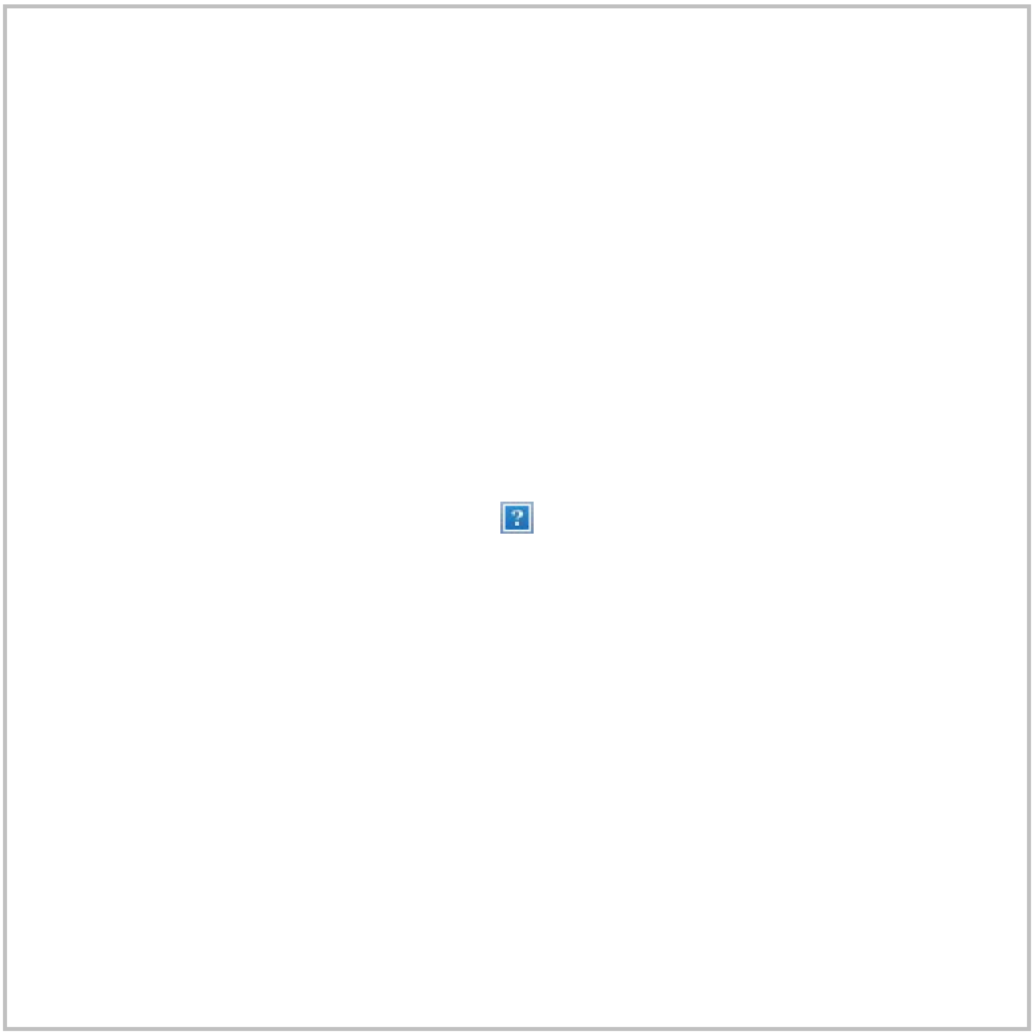
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The Marijuana Billionaire Who Doesn't Smoke Weed

It's just after 6, on a pitch-dark morning in December, and Brendan Kennedy is standing over the stove, wearing shorts and a vest, meditatively melting butter in a pancake pan.

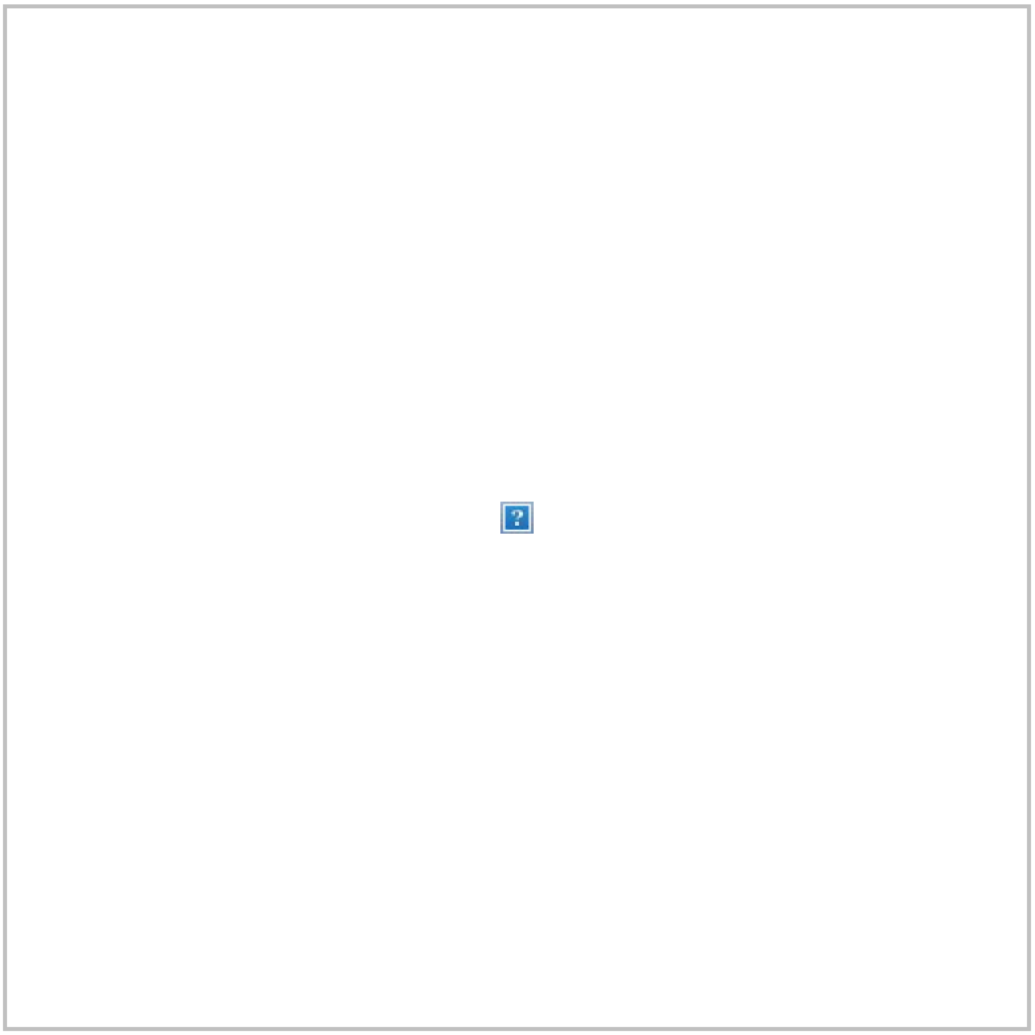
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Four charged with having explosives, plotting to attack...

GREECE, N.Y. (WHEC) -- Four suspects have been arrested and charged after Greece Police say they planned to attack a Muslim community near Binghamton. Greece Police arrested 20-year-old Brian Colaneri of Gates, 18-year-old Andrew Crysel of East...

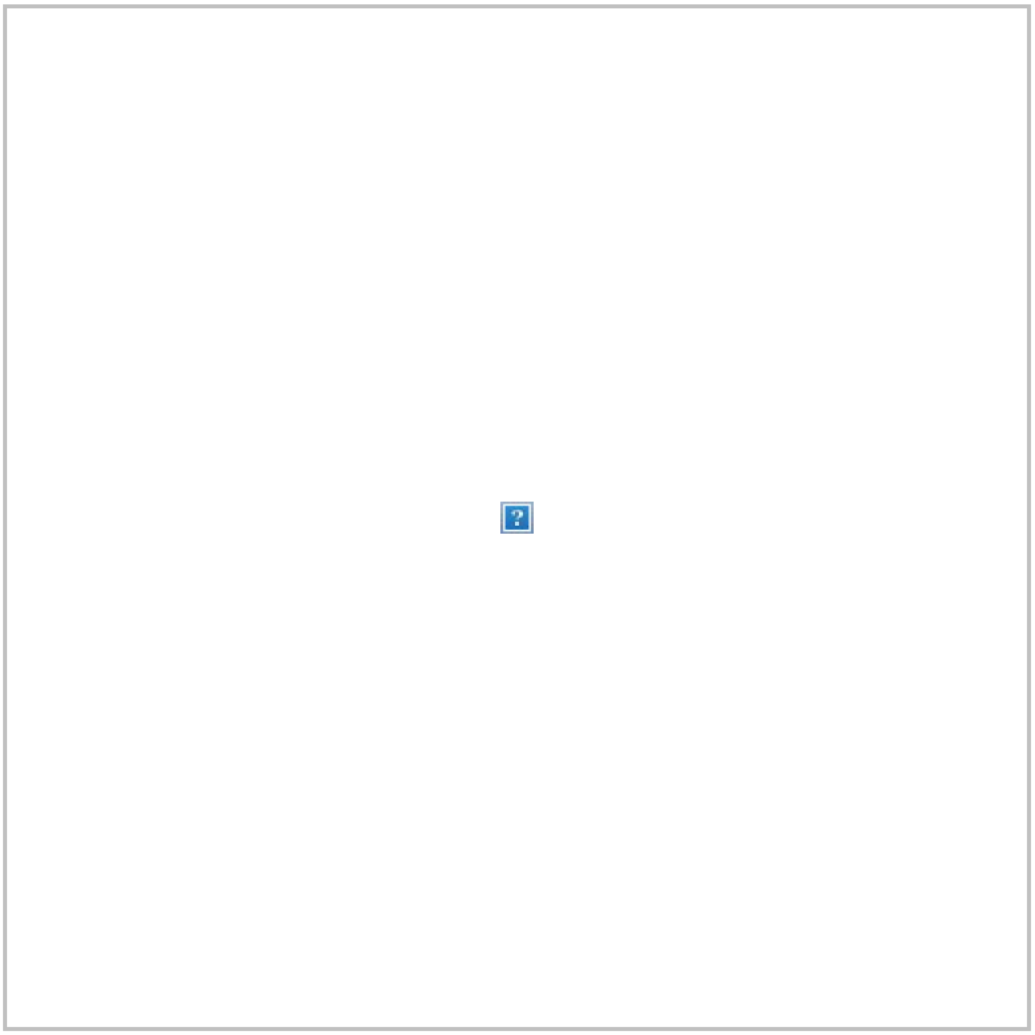
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At least five dead after gunman barricades himself in...

January 23 at 5:27 PM BREAKING: At least five people are dead after a gunman opened fire Wednesday afternoon at a SunTrust Bank in Sebring, Fla., authorities said. At about 12:30 p.m., a man contacted police to say he had fired shots inside the...

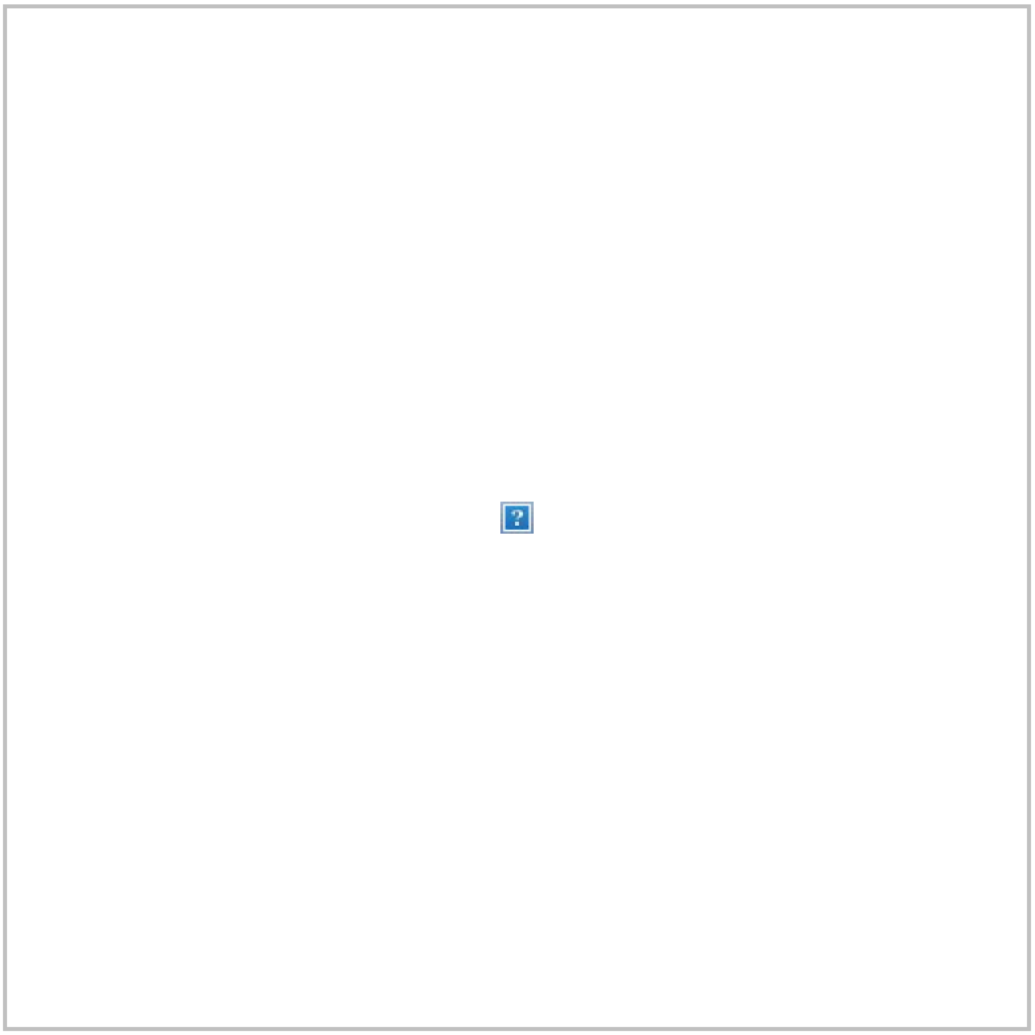
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Hennepin County public defender questions police...

After Minneapolis police allowed a documentary crew to follow officers behind the scenes, Hennepin County's top public defender wants to know whether the footage may contain evidence that should have been disclosed in her clients' criminal cases. ...

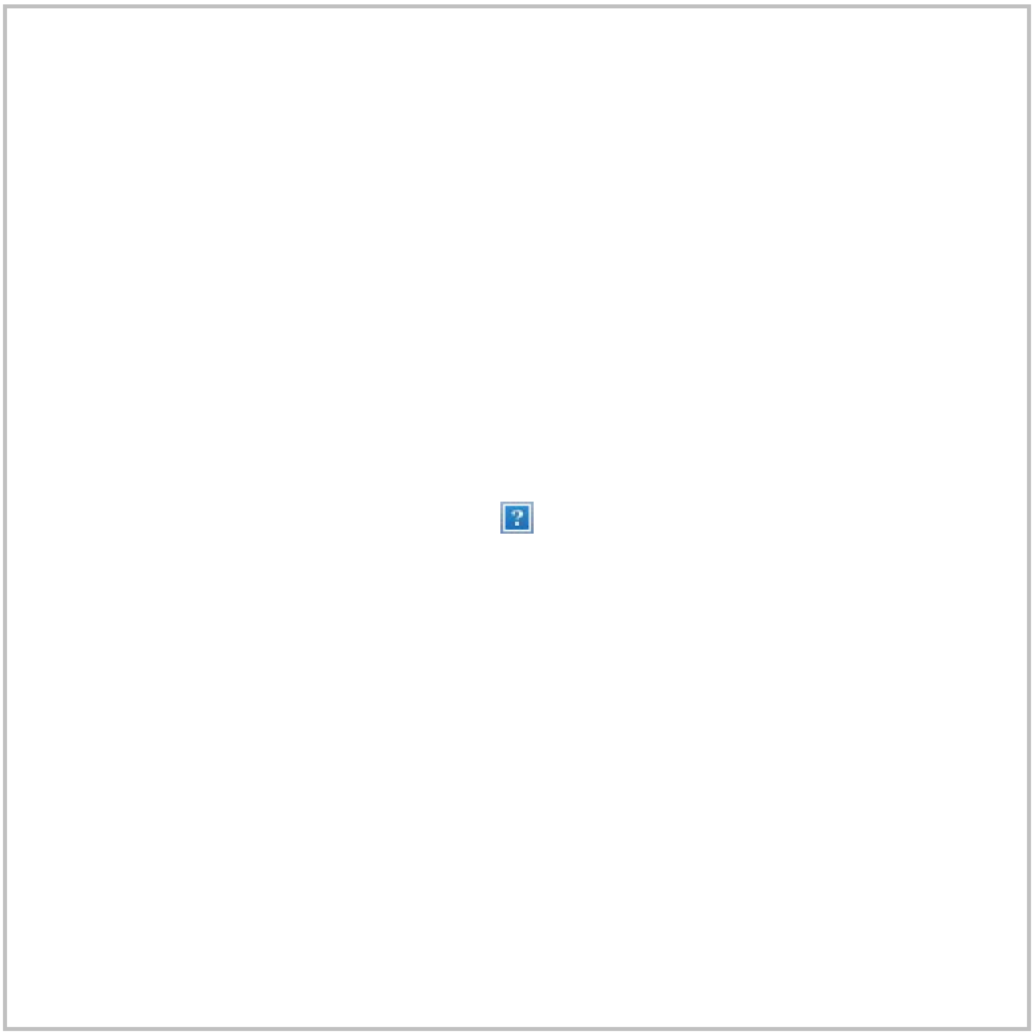
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Vancouver police launch private camera registry

The Vancouver Police Department is launching a program for city residents and business owners to register information about their surveillance systems in an effort to hasten criminal investigations. The police department announced the launch of...

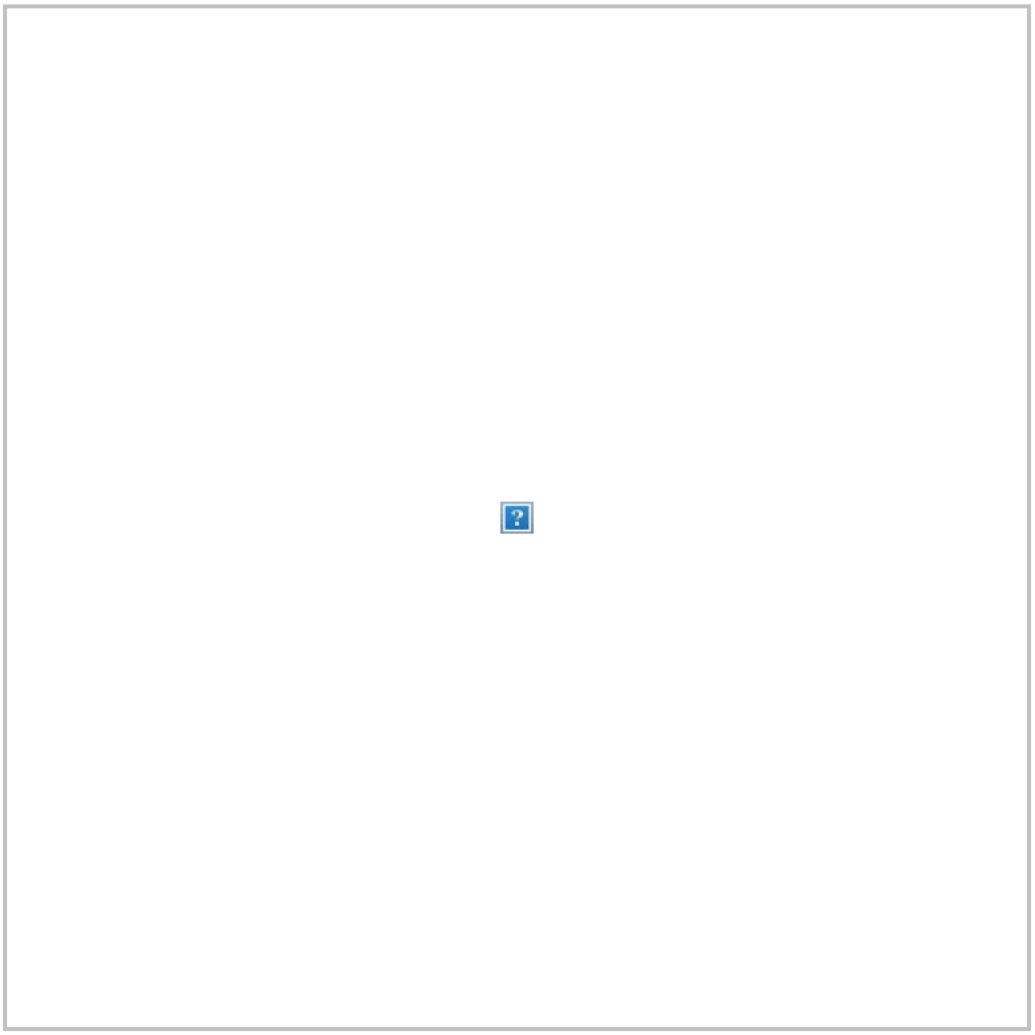
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Charlestown kidnapping suspect no stranger to Boston,...

The New Jersey native being arraigned this morning for the alleged weekend kidnapping of 23-year-old Olivia Ambrose was accused six years ago of violating a restraining order taken out against him by a fearful former lover, according to a Boston...

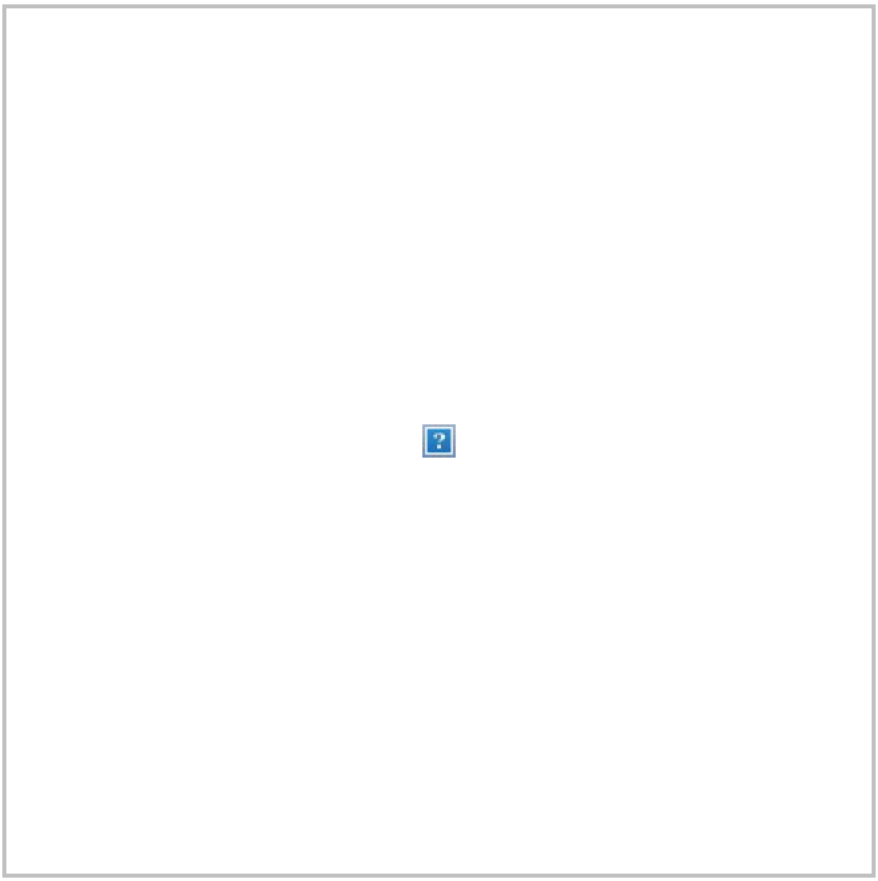
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Lawsuit: Police illegally raid home, business, seize...

In the latest lawsuit involving members of a former multi-jurisdictional auto theft task force, the owner of a used auto parts shop accuses police officers of targeting him because he's Arab-American, and illegally raiding his business and...

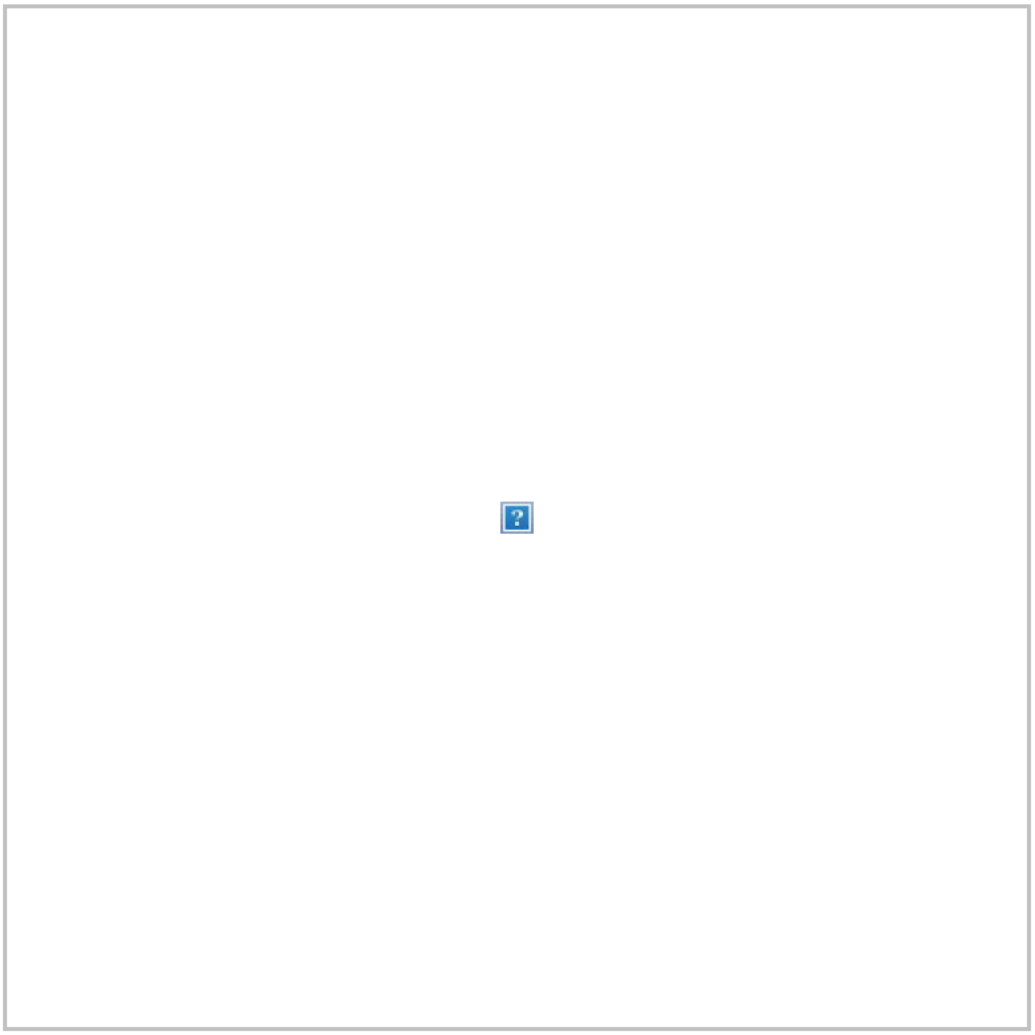
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Rape Charges Against Wilkes-Barre Police Officer

WILKES-BARRE, Pa. -- State police have arrested a Wilkes-Barre police officer and are charging him with sexually assaulting four female victims over a 16-month period. Investigators believe Robert Collins, 53, of Mountain Top, sexually assaulted...

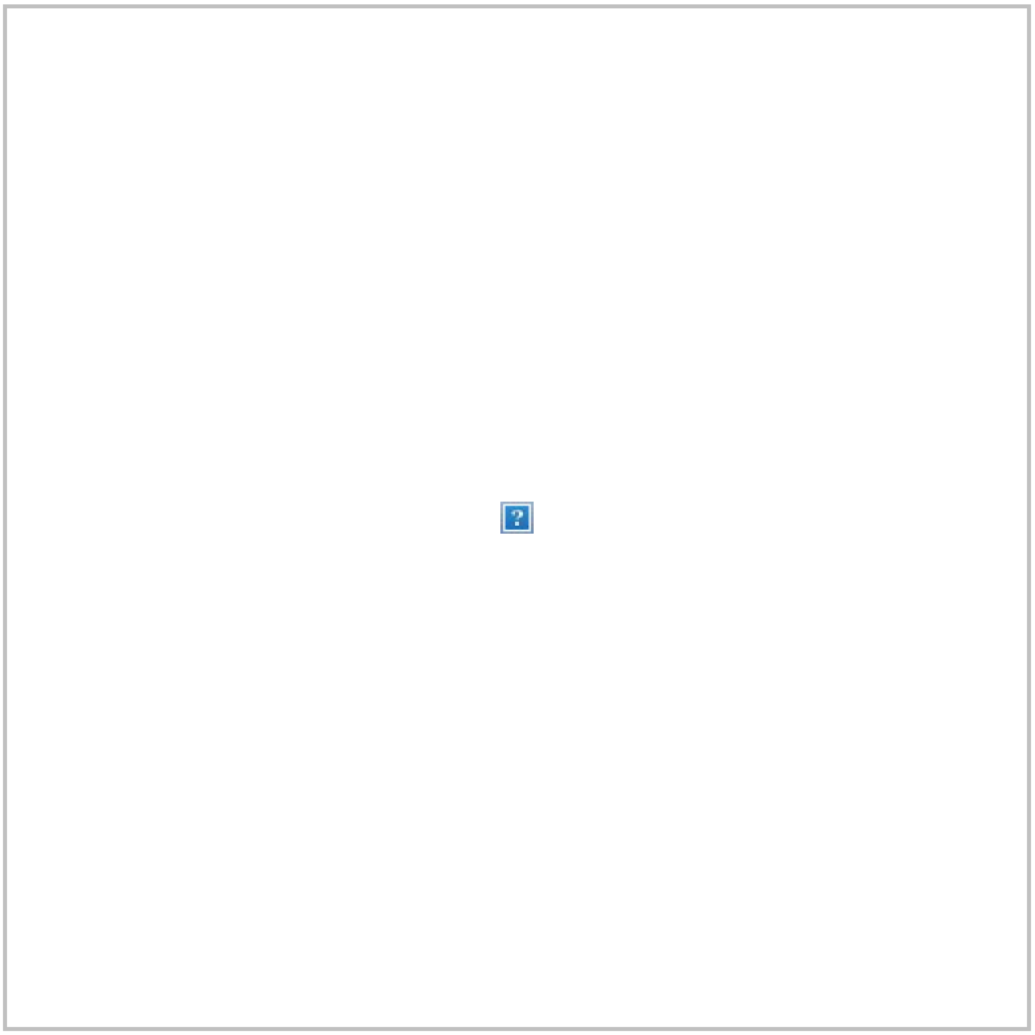
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Tempe police dispute conflicting witness reports in...

CLOSE The Tempe Police Department is disputing comments made by the owner of the truck 14-year-old Antonio Arce was reportedly burglarizing when police shot and killed him last week. The police statement came a day after Lou Silvas told The...

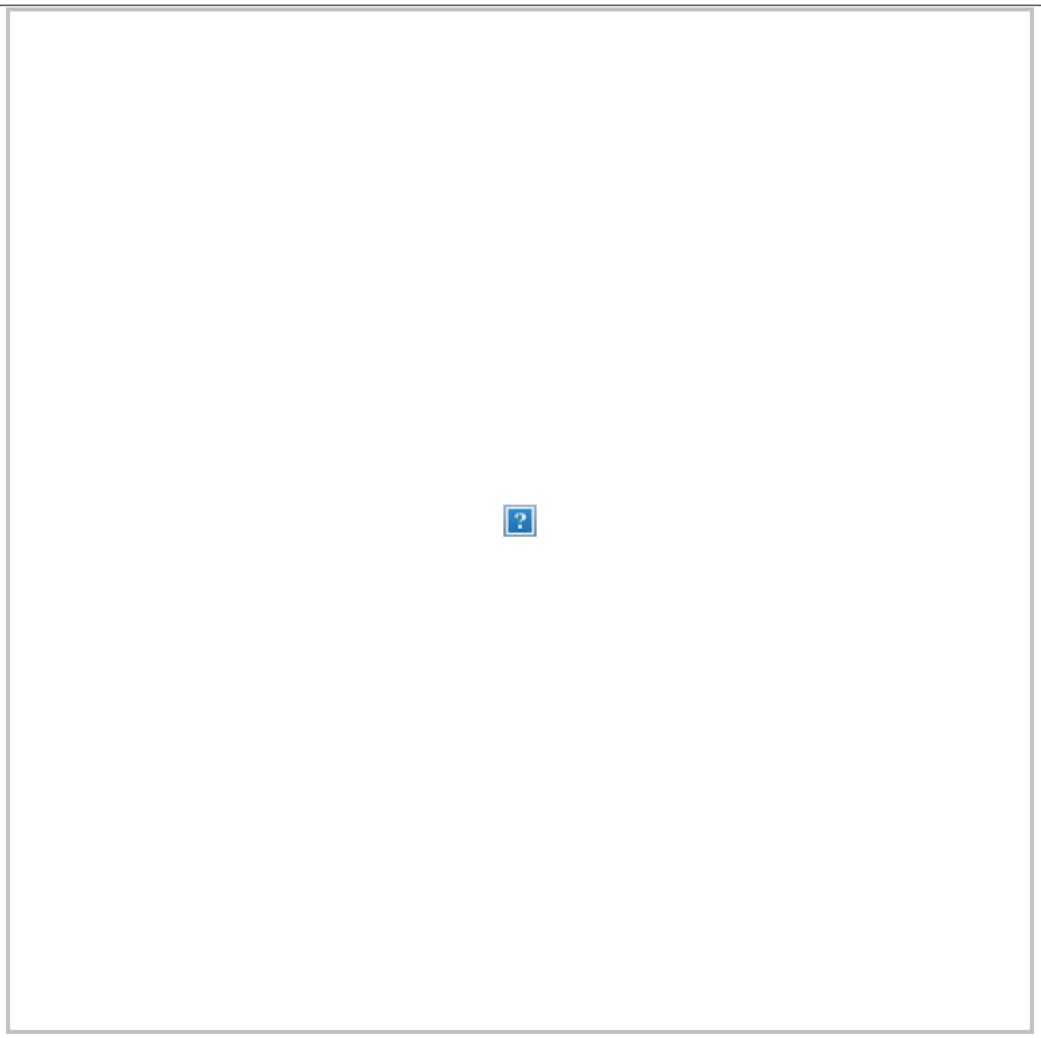
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Son of new NOPD chief accused of punching ex-girlfriend...

The son of the city's new police chief is accused of punching his ex-girlfriend during an argument between the two last week in New Orleans, court records confirm. Shane Ferguson, 21, was arrested Tuesday evening on a charge of domestic abuse...

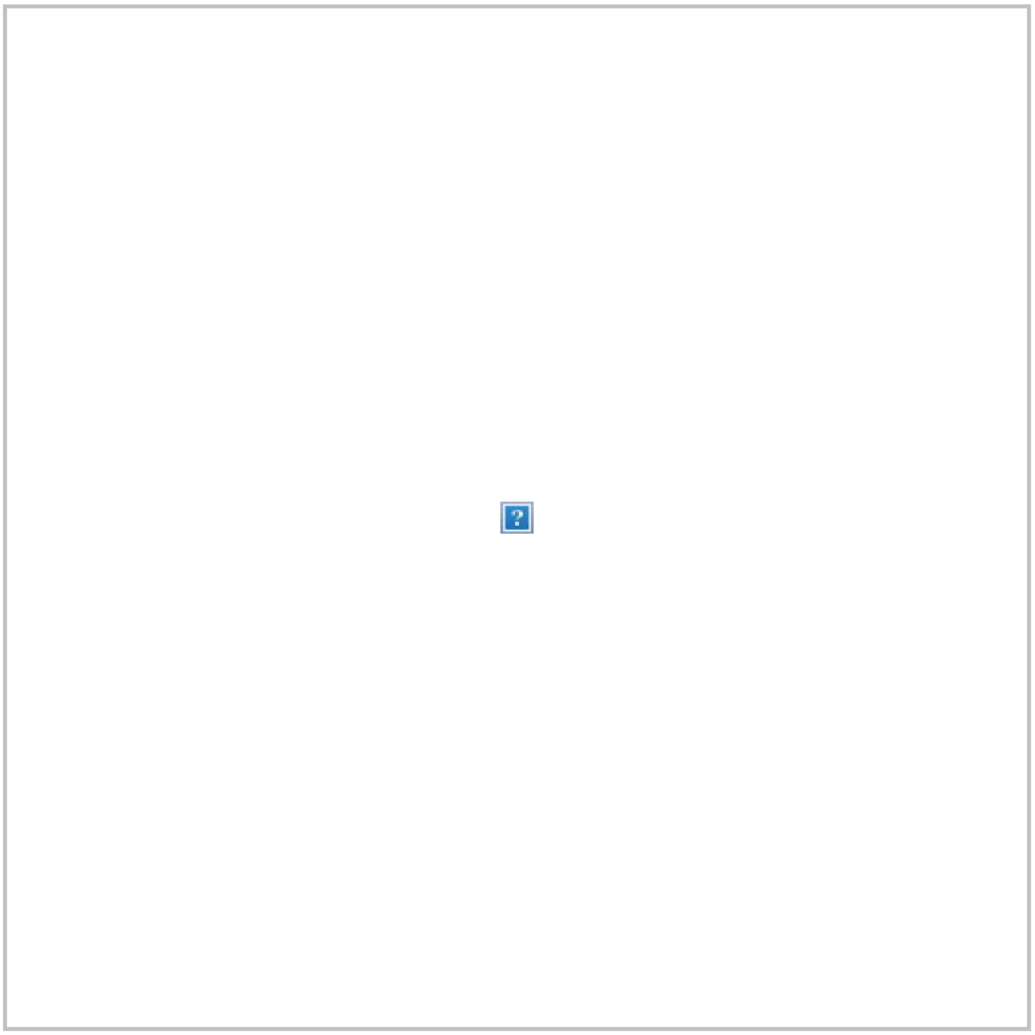
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Police license plate readers are still exposed on the...

Smile! You're on camera. At least, your license plate is. You might have heard of automatic license plate recognition - known as ALPR (or ANPR in the U.K. for number plates). These cameras are dotted across the U.S., and are controlled mostly by...

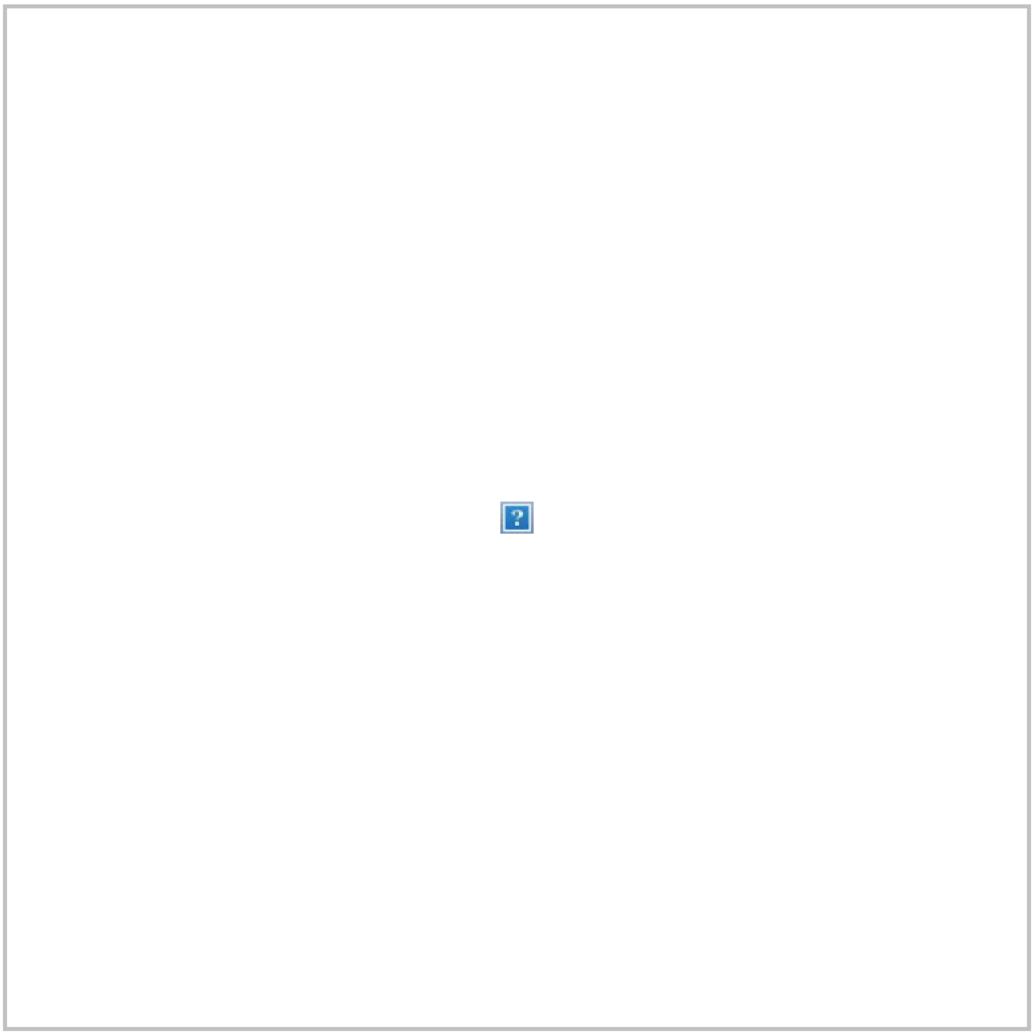
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Lawrence police officer pierced by baton during struggle

Lawrence police say an officer was impaled on his baton while struggling with a suspect.

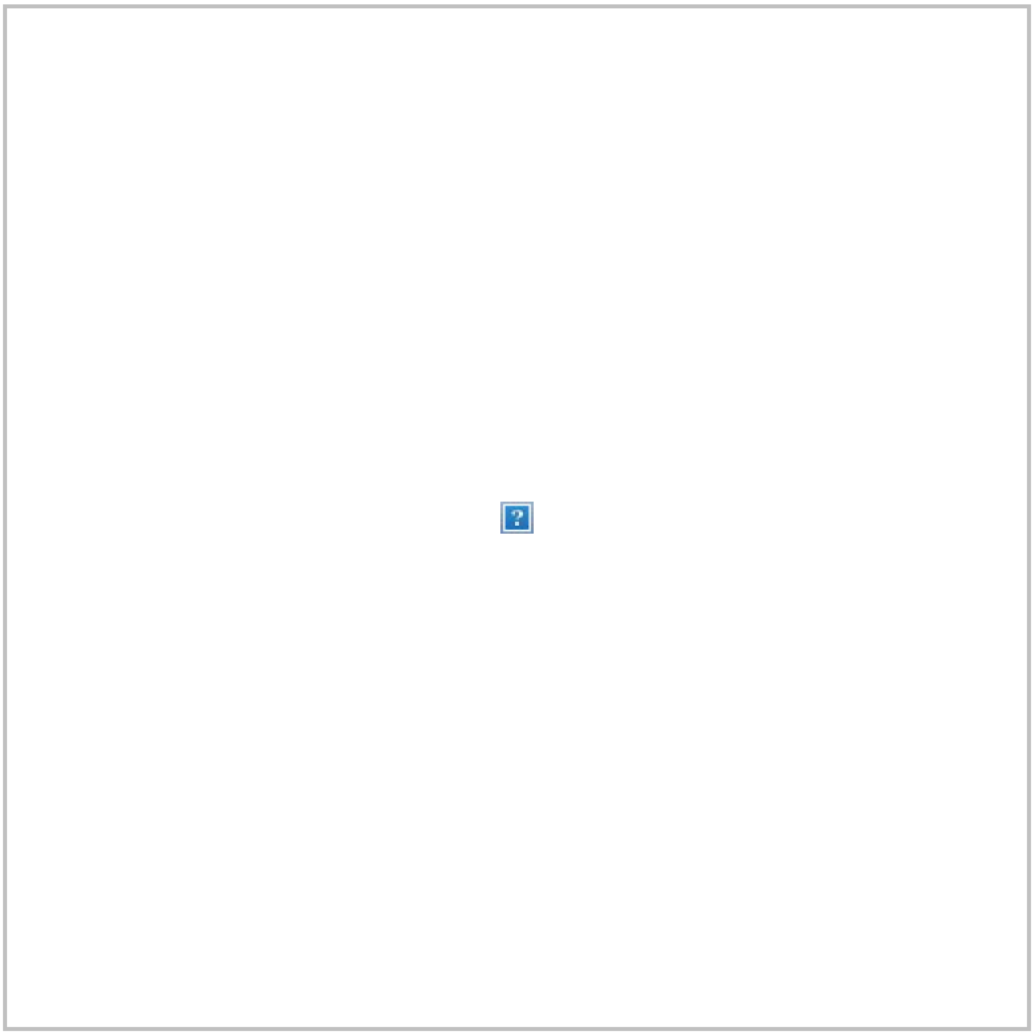
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Saginaw gourmet bakery offering law enforcement officers ...

SAGINAW, Mich. -- Are you an officer or know someone who is? Rebecca's Gourmet Bakery has a sweet treat for you today. The bakery, located at 203 South Washington Avenue in Saginaw will be serving dessert to all Saginaw law enforcement officers.

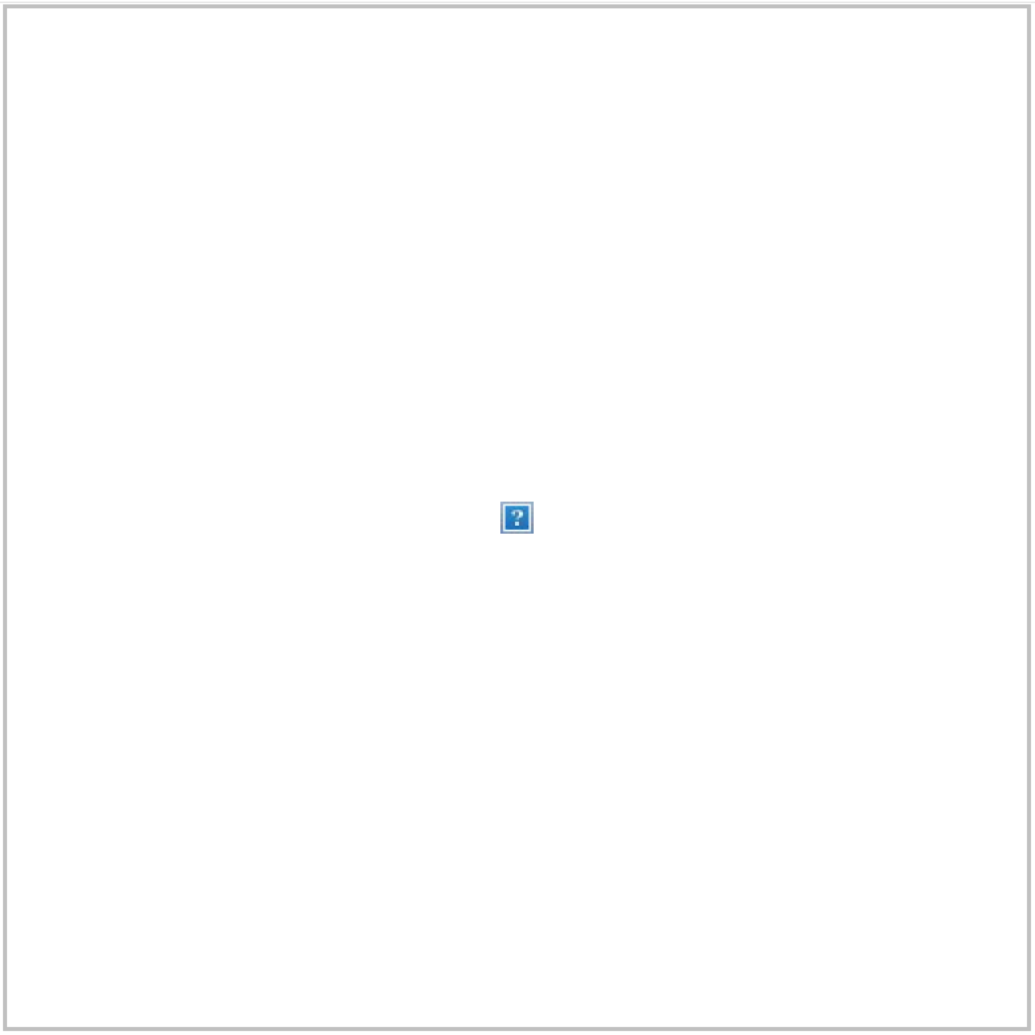
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NYPD virtual-reality program to aid children

The NYPD is using virtual reality to help teenagers deal with real life on the street. Aided by $500,000 from the nonprofit New York City Police Foundation, city cops are putting youngsters through computer simulations - complete with...

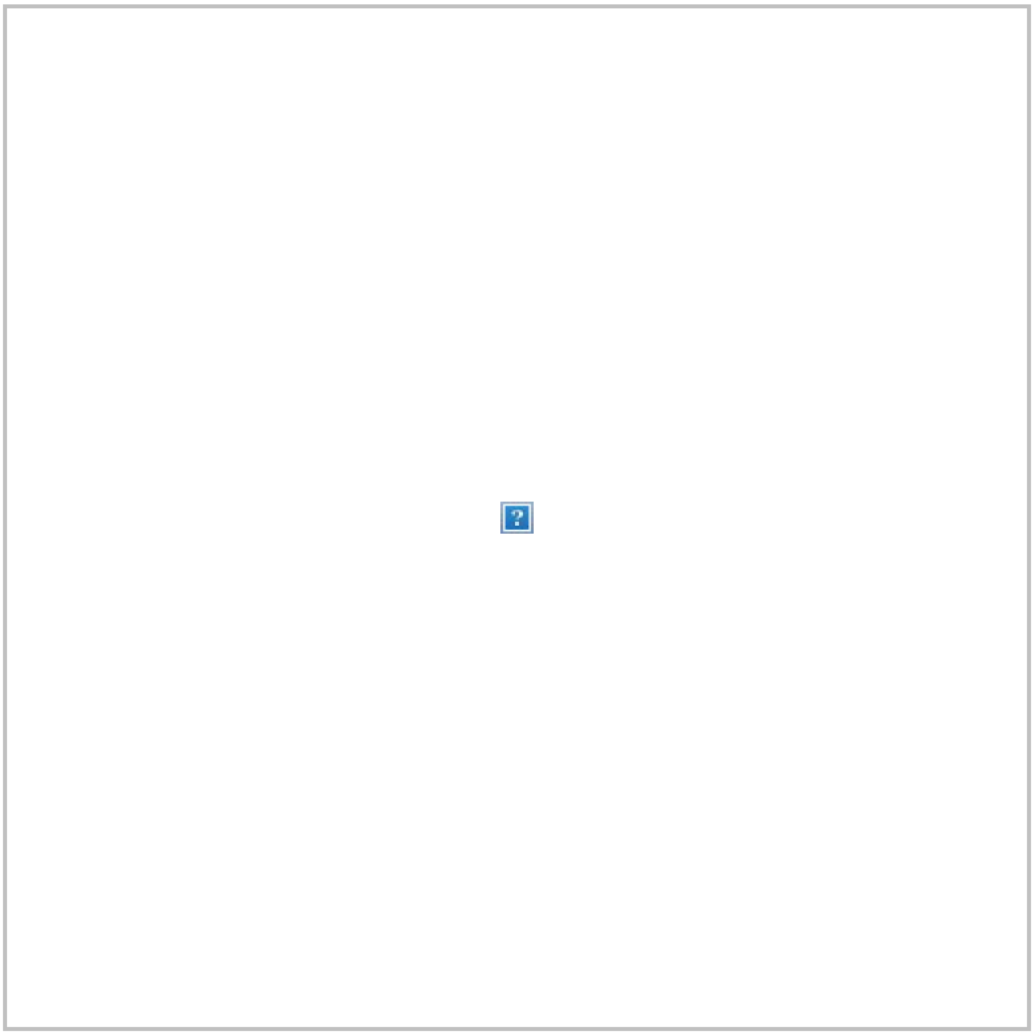
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Can You Pass Our 2018 Quiz?

Test your memory on some of the year's top criminal justice stories.

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Detroit Lakes police chief suspended for actions over...

DETROIT LAKES, Minn. - The Detroit Lakes police chief is serving a one-week suspension without pay following an internal investigation into the way he handled a controversial incident involving a youth last summer.Steven Todd began the suspension ...

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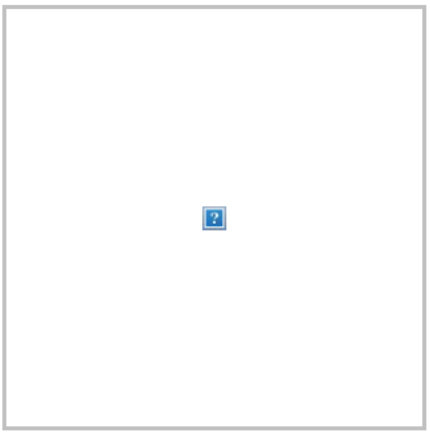
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Authorities believe the gunman made social media posts in which he talked about U.S. support for Israel and charged that Americans are anti-Muslim

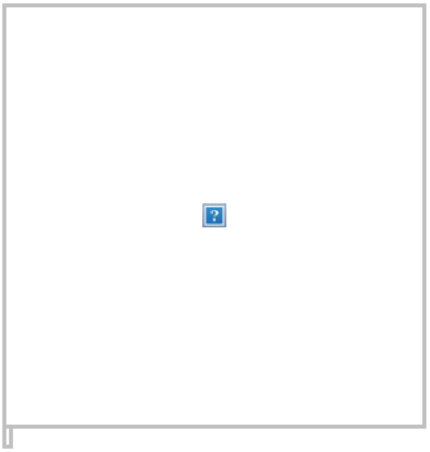
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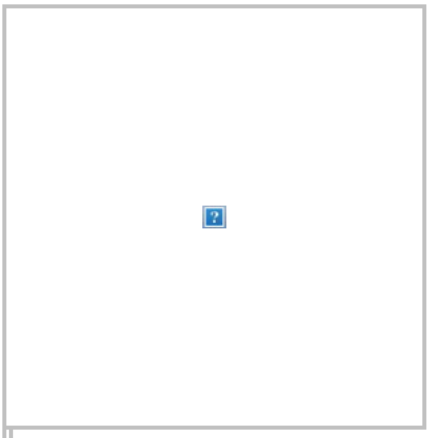


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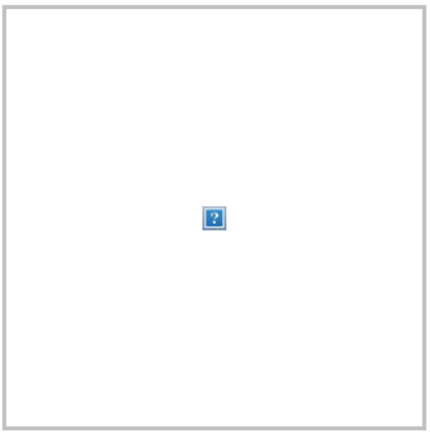
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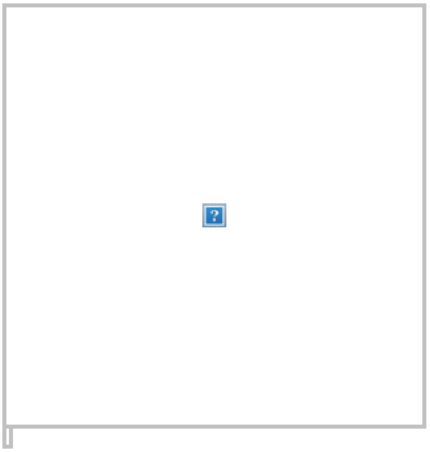
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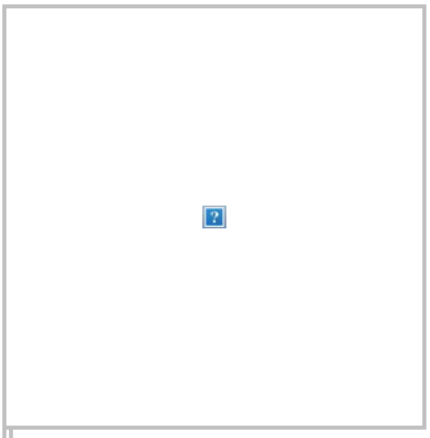


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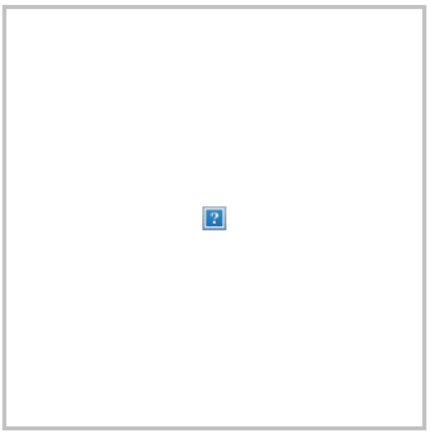
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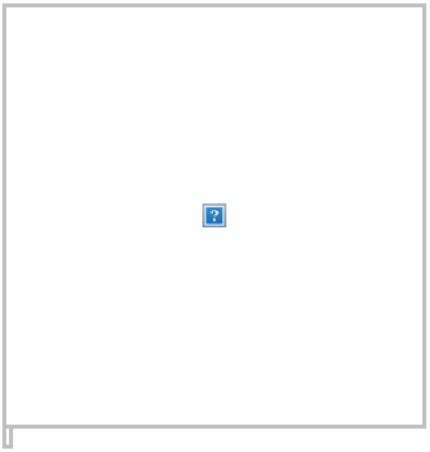
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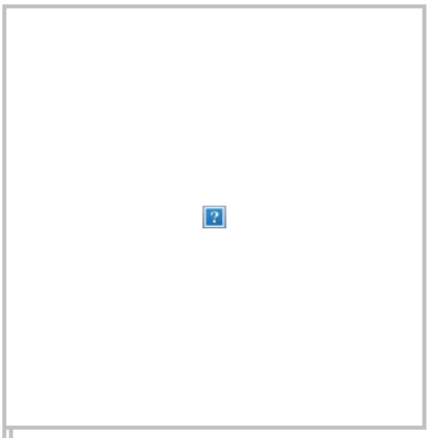


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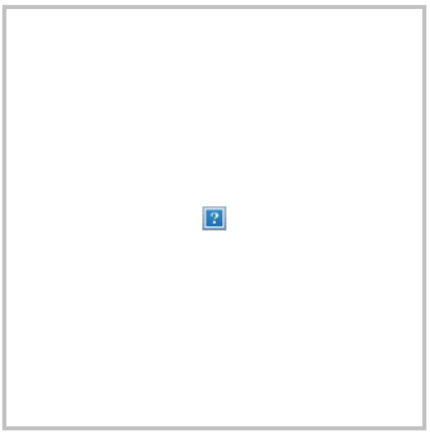
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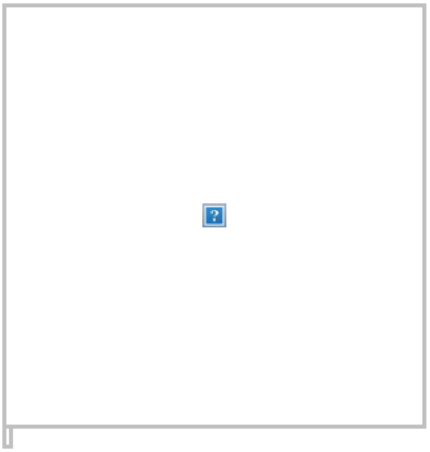
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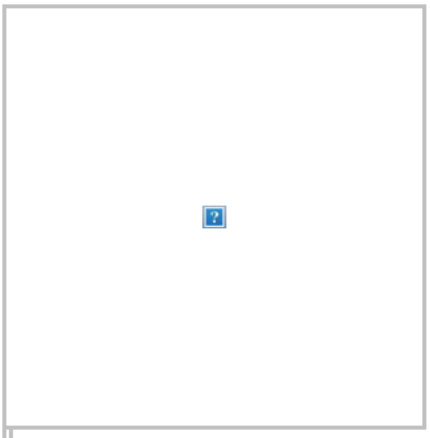


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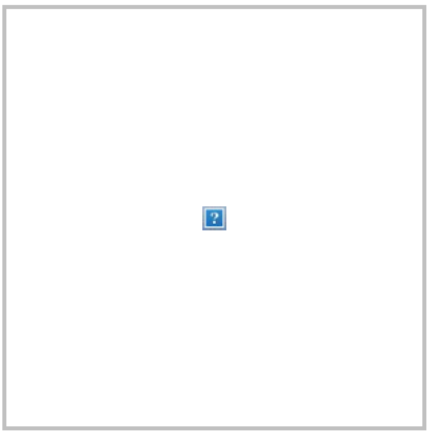
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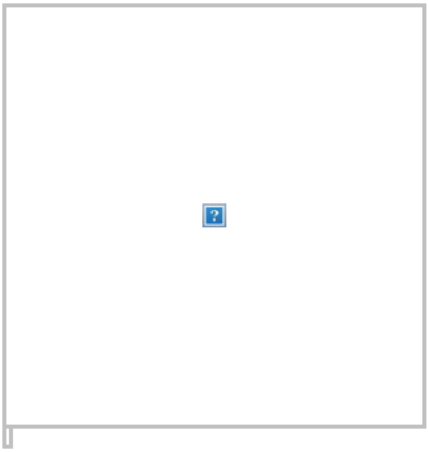
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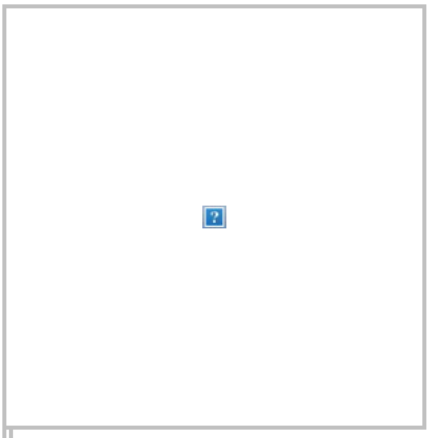


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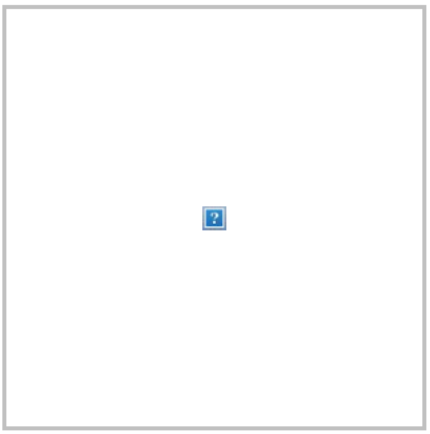
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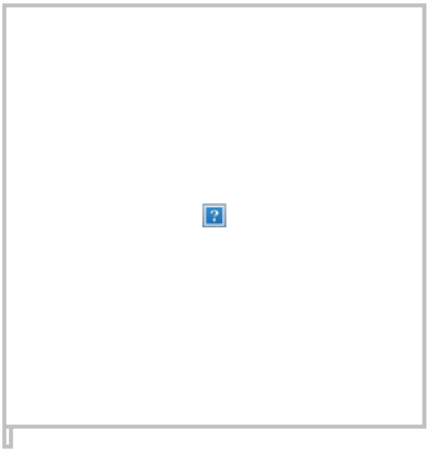
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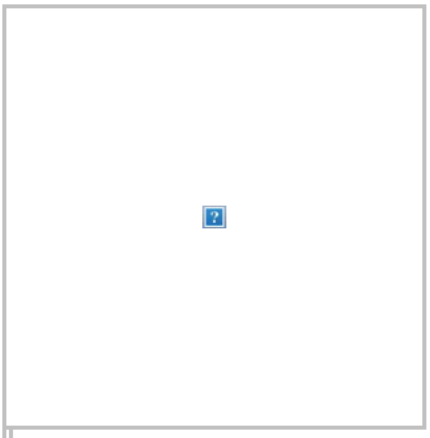


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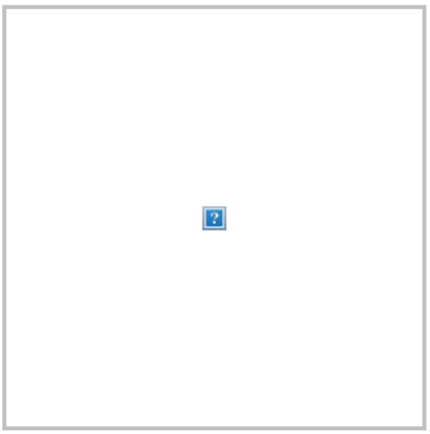
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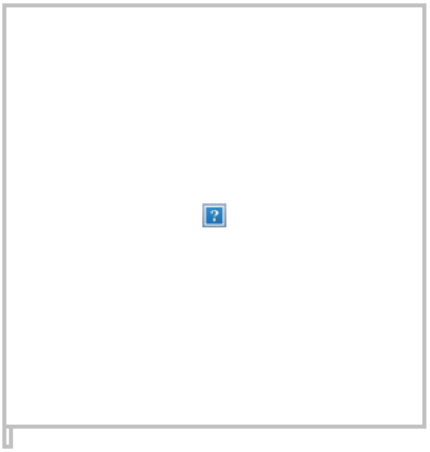
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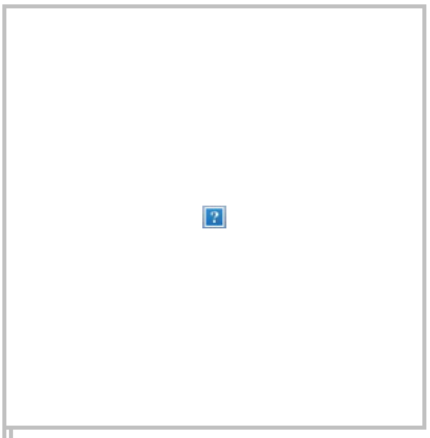


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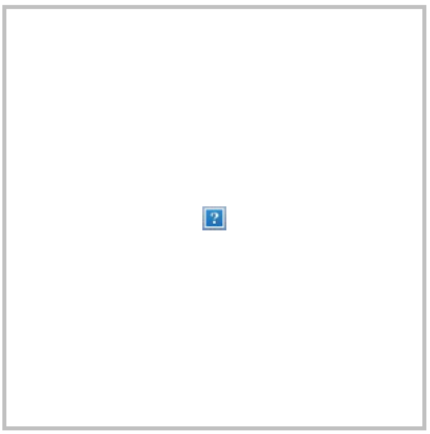
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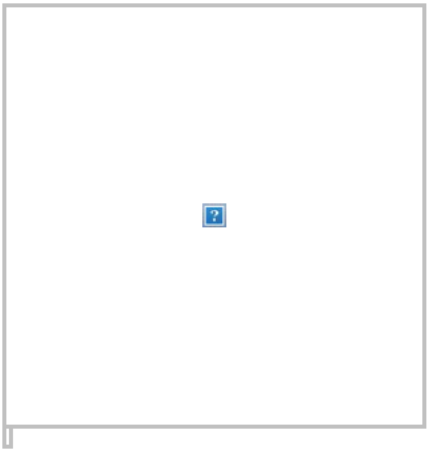
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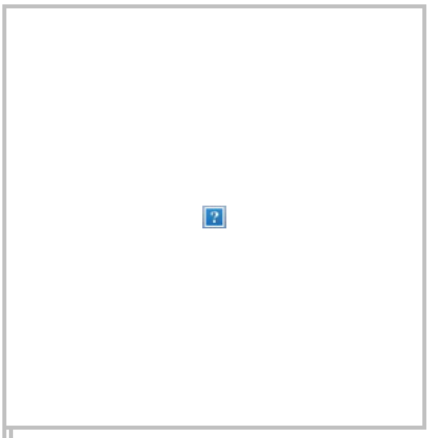


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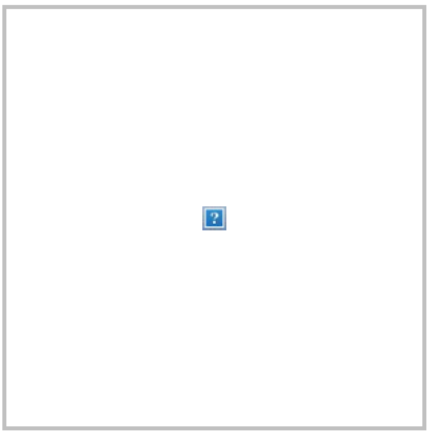
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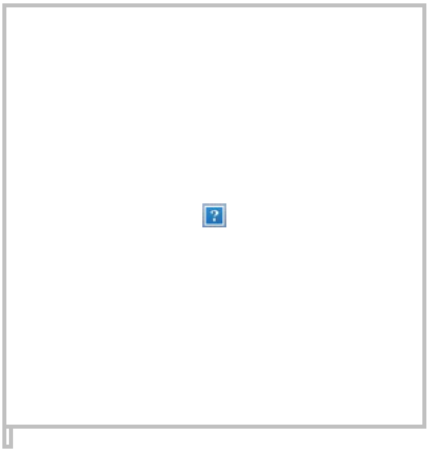
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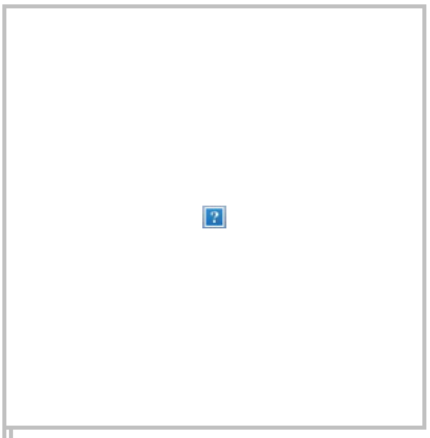


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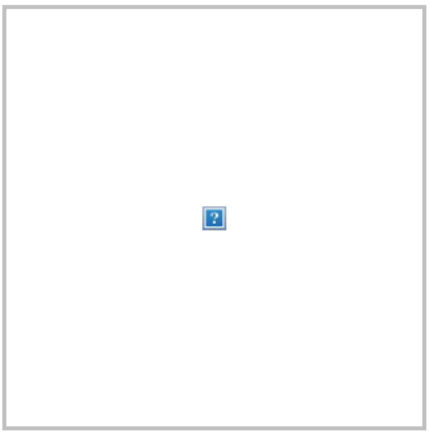
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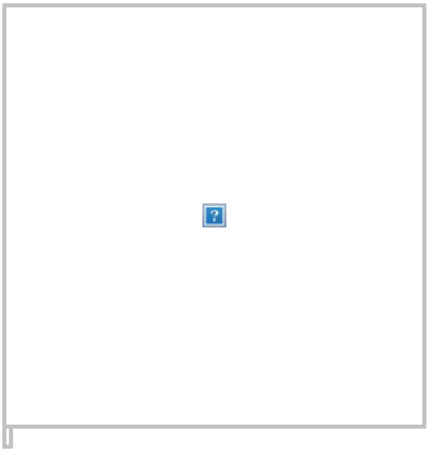
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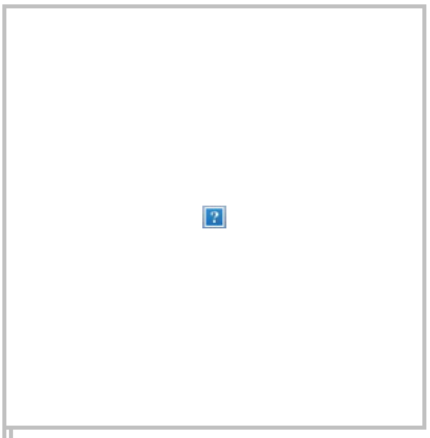


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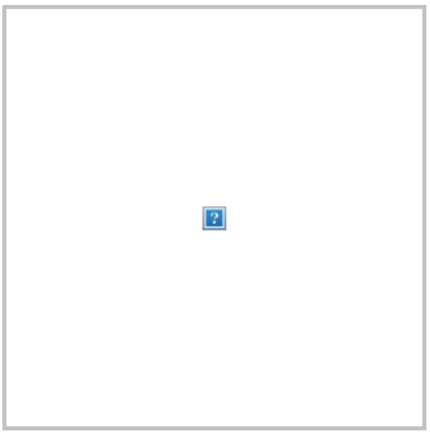
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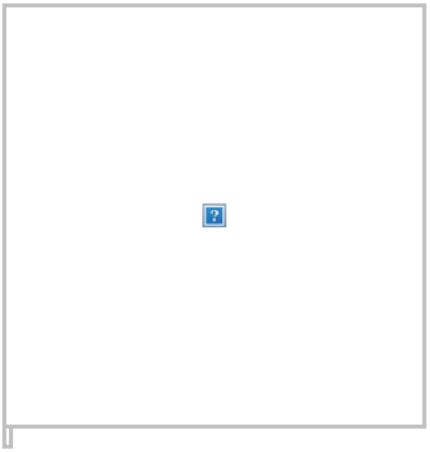
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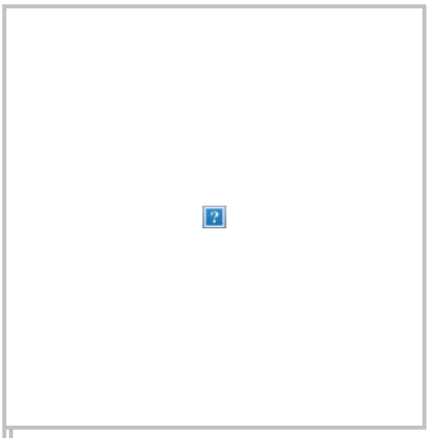


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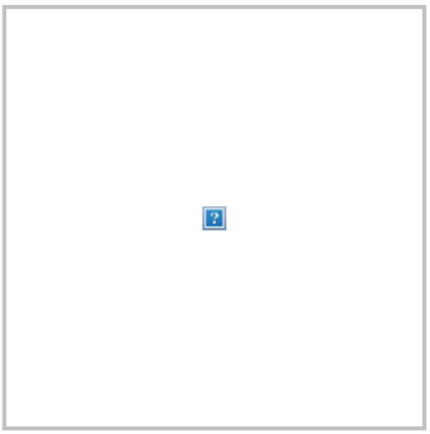
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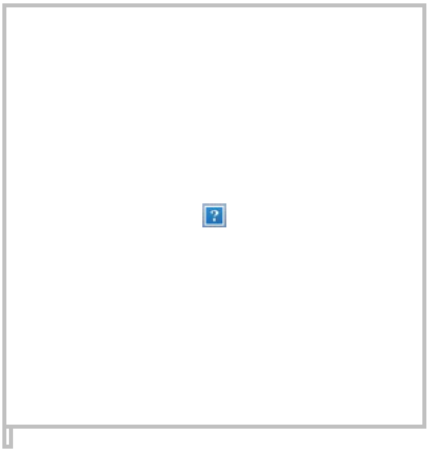
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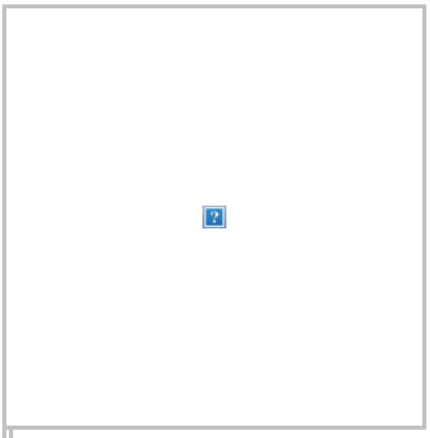


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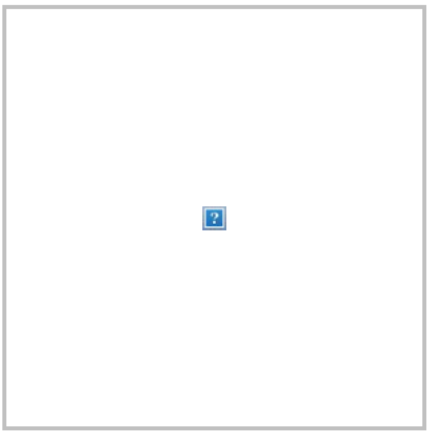
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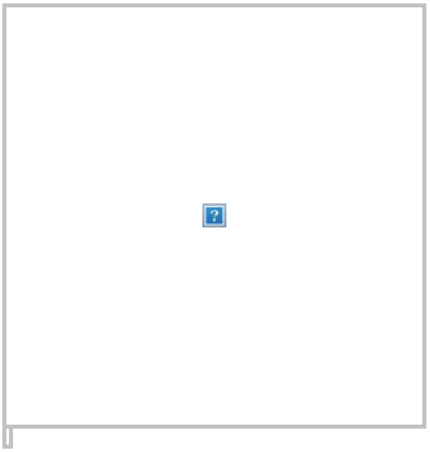
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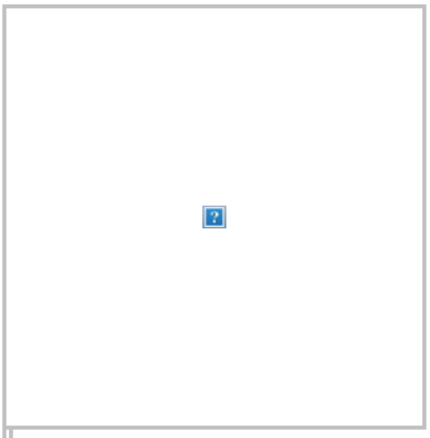


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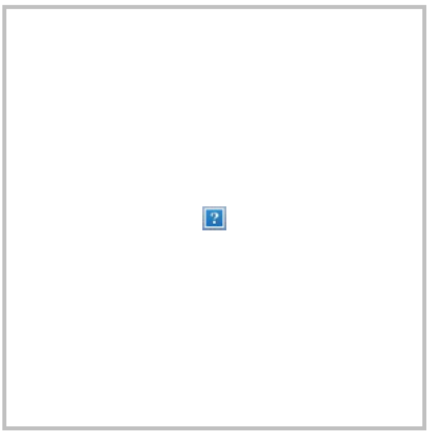
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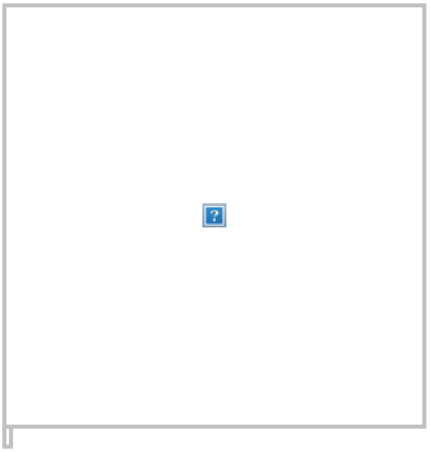
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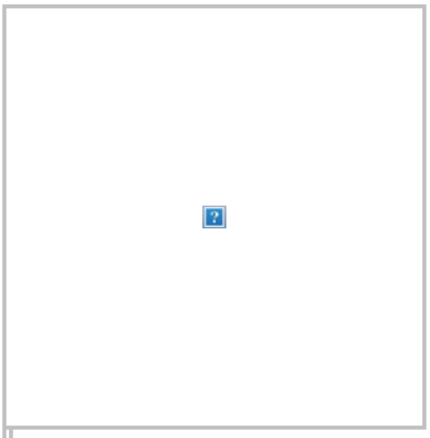


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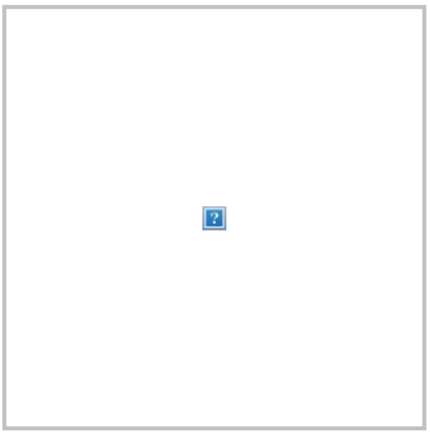
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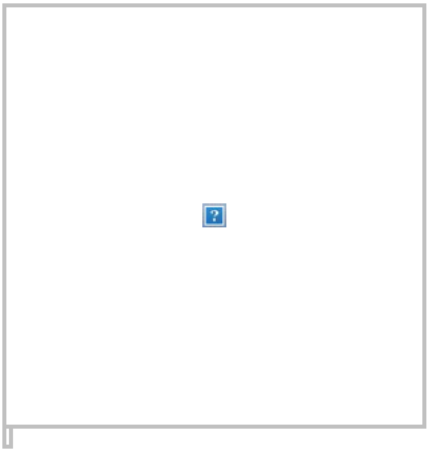
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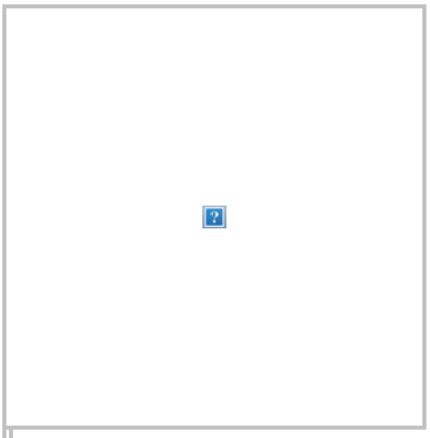


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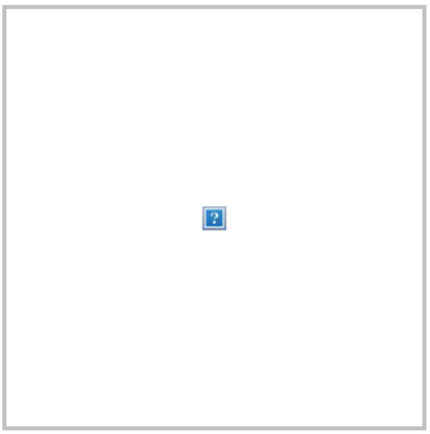
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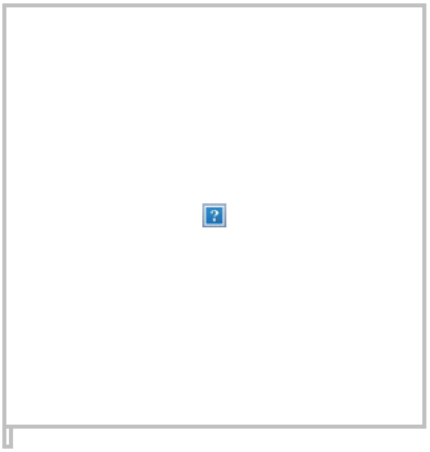
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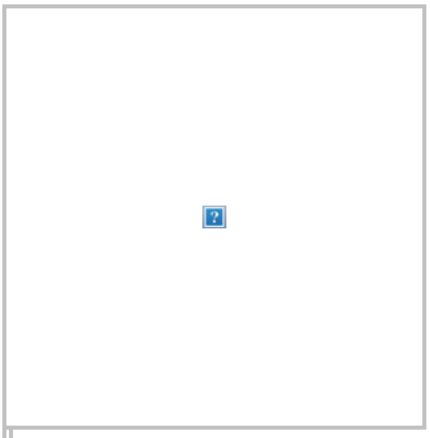


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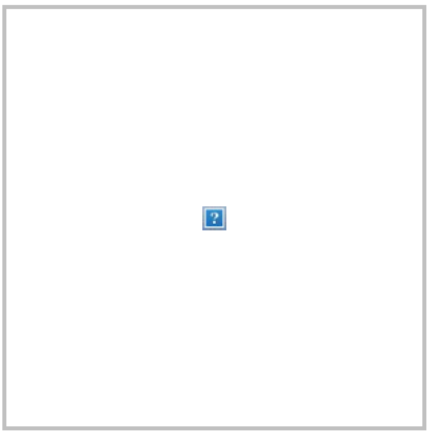
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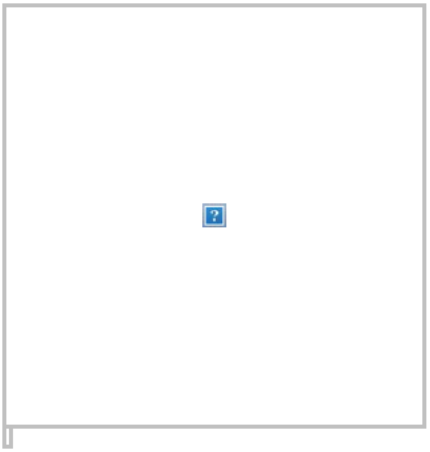
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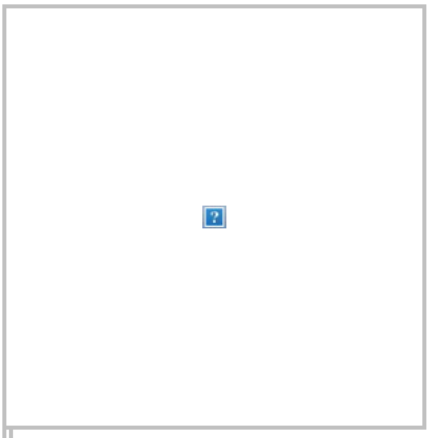


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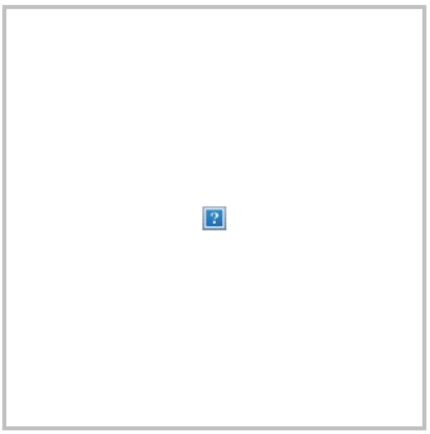
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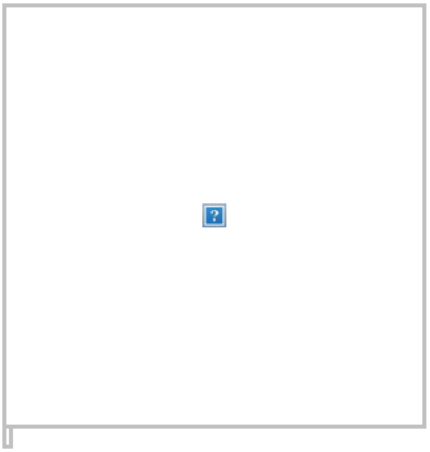
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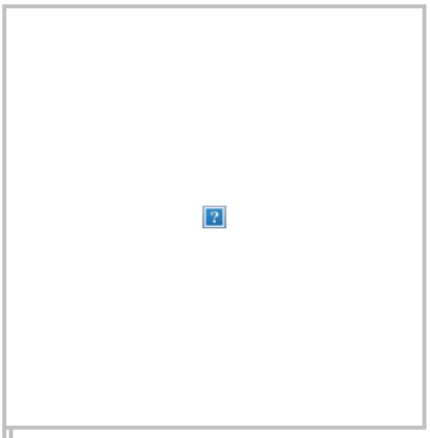


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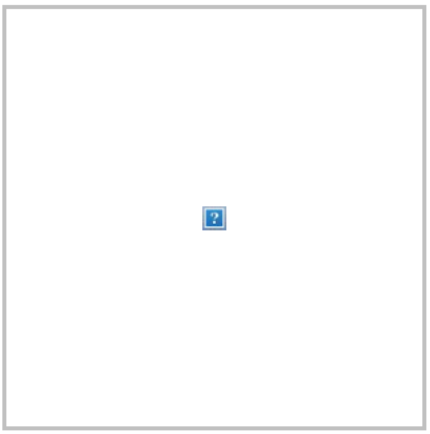
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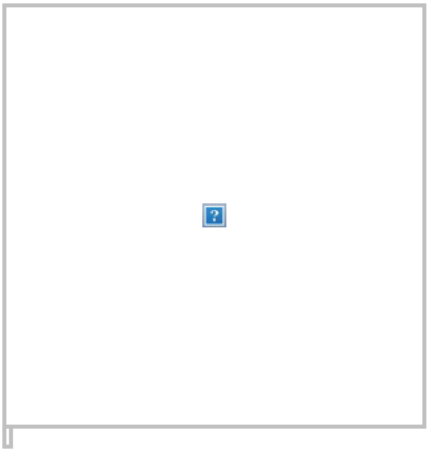
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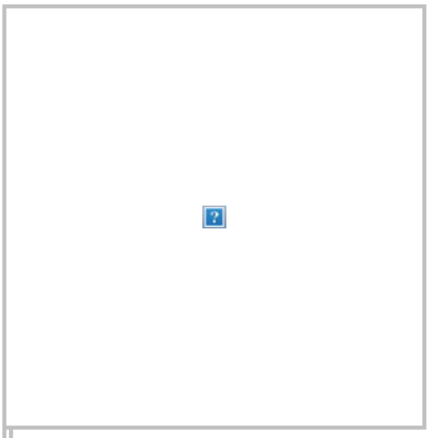


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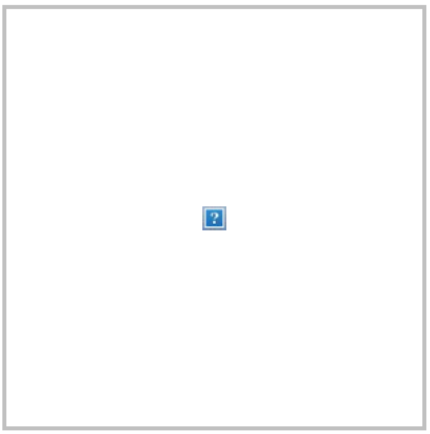
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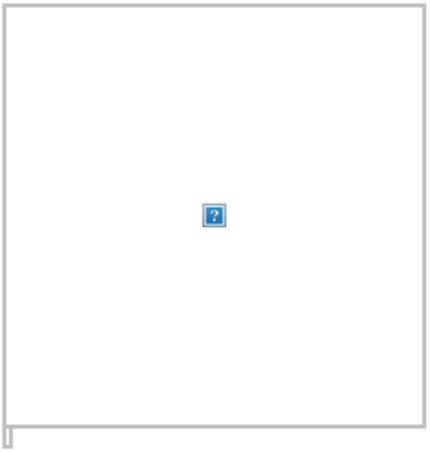
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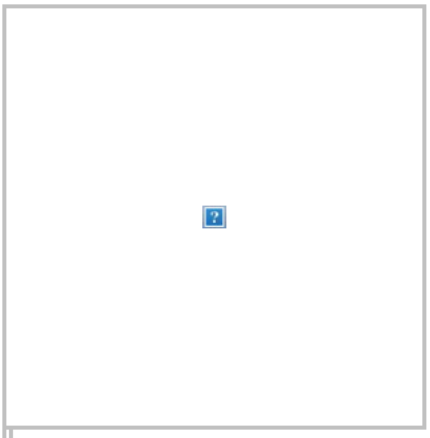


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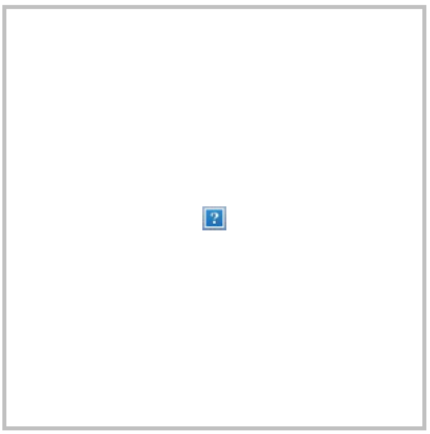
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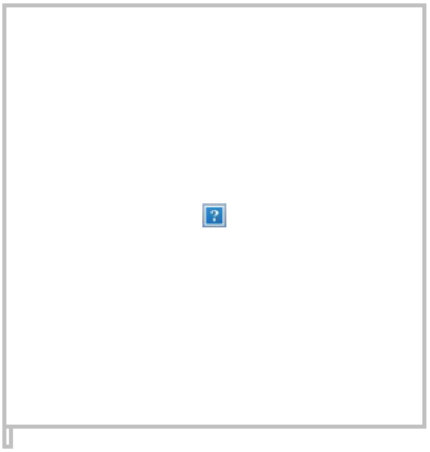
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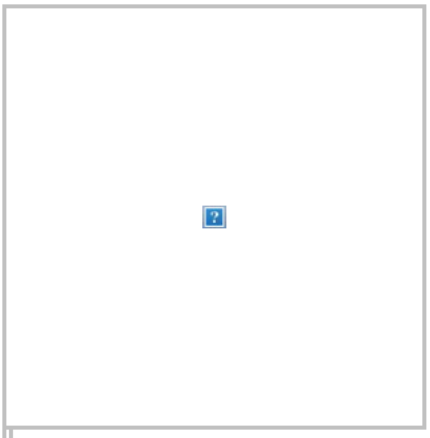


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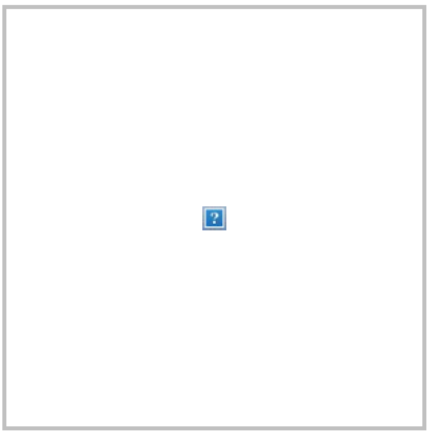
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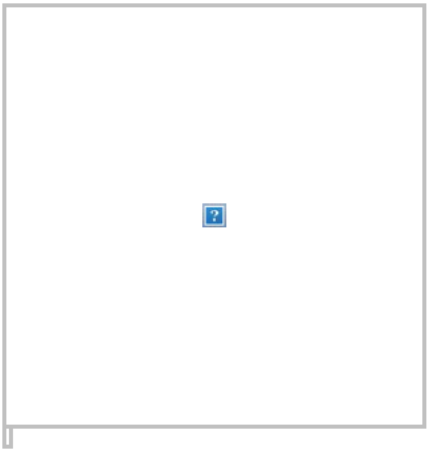
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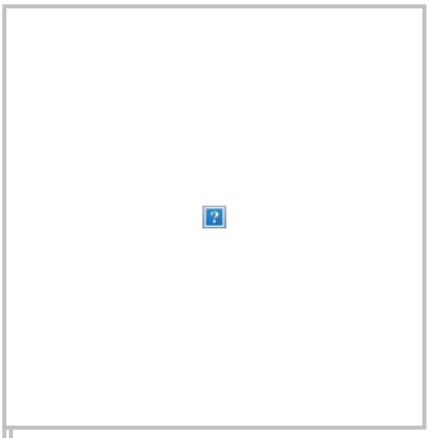


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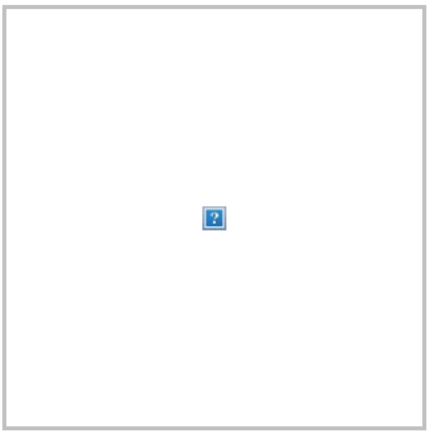
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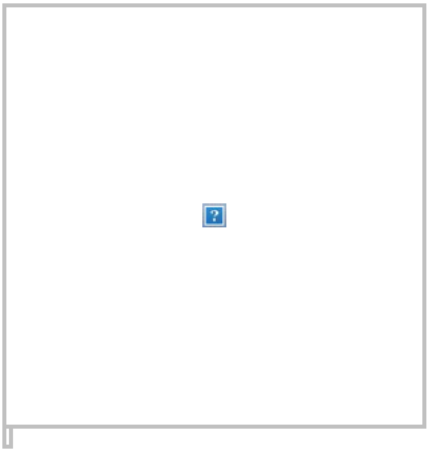
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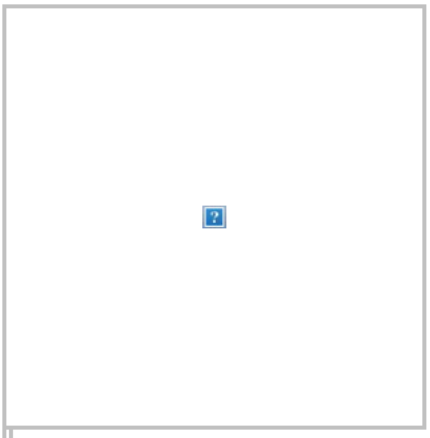


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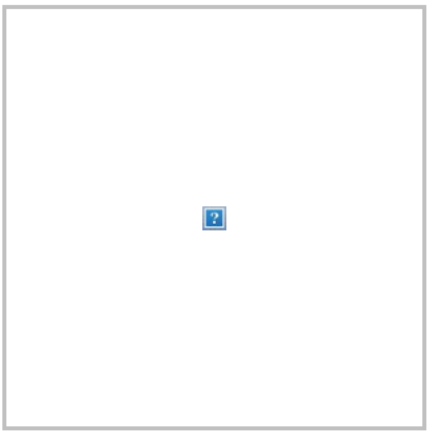
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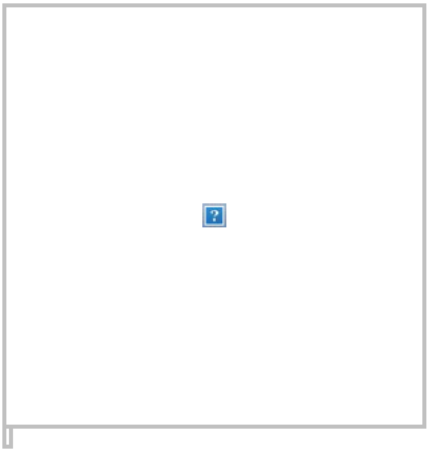
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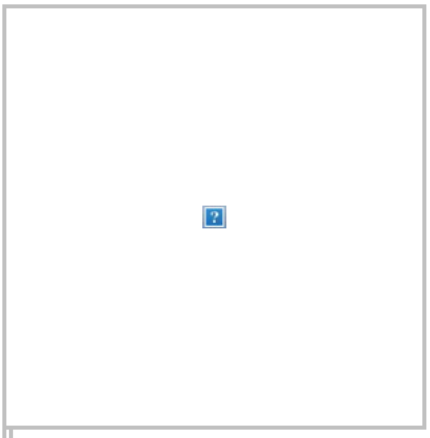


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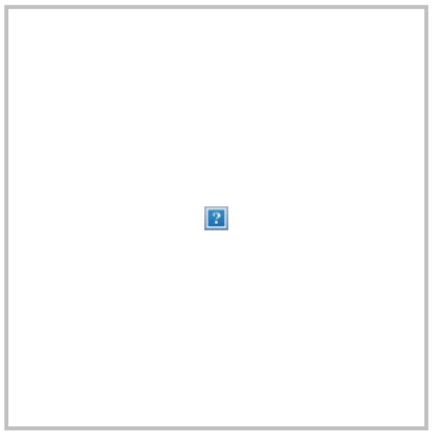
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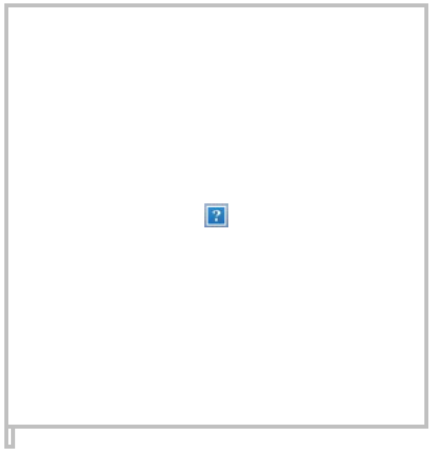
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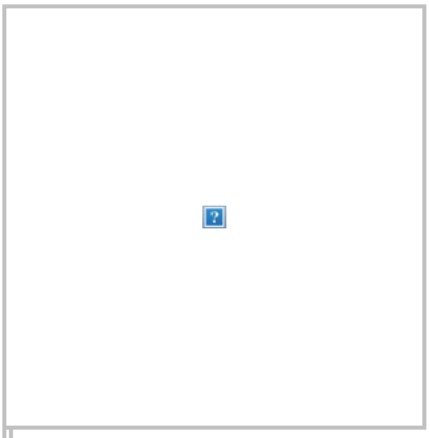


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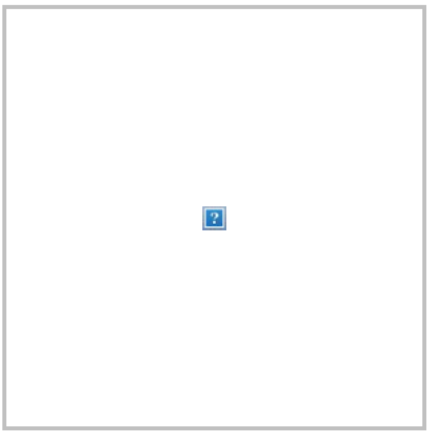
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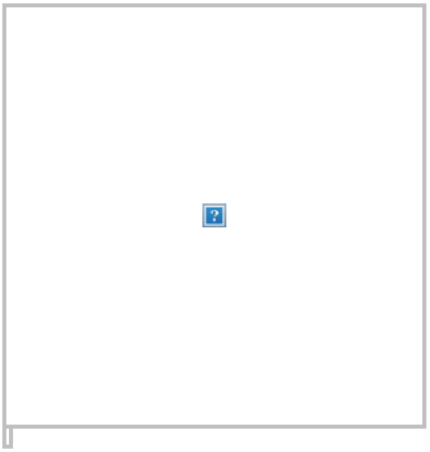
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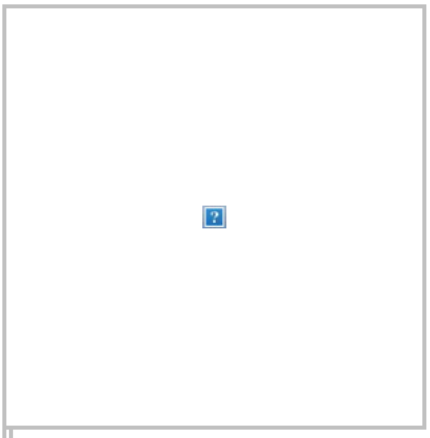


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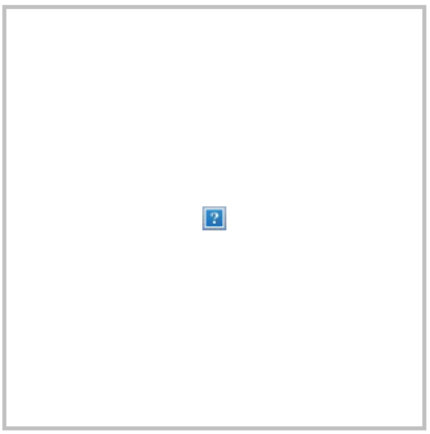
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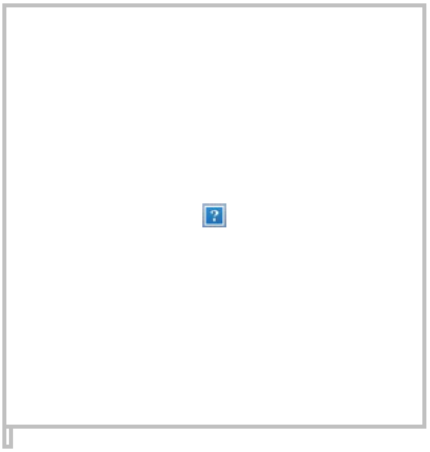
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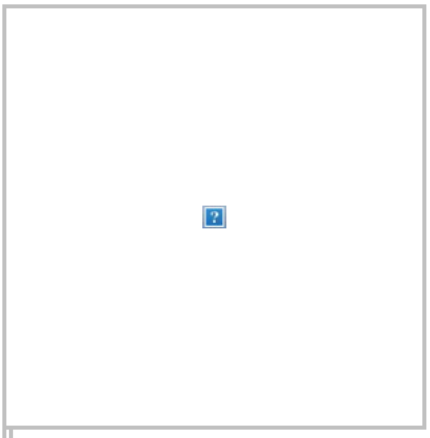


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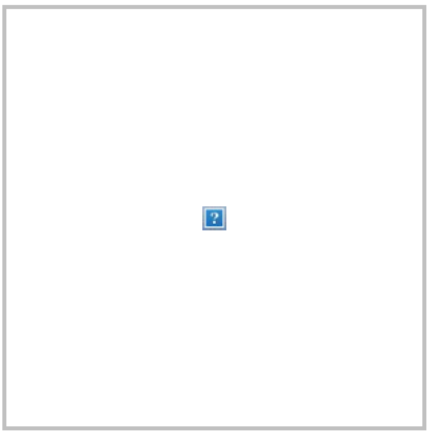
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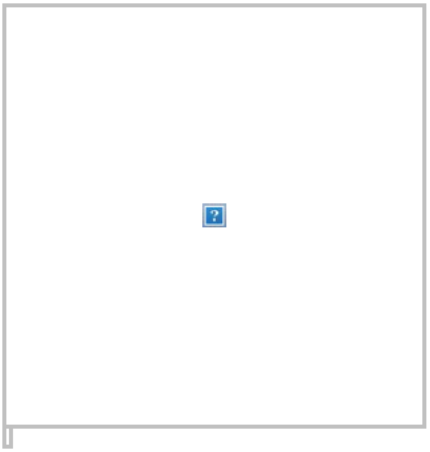
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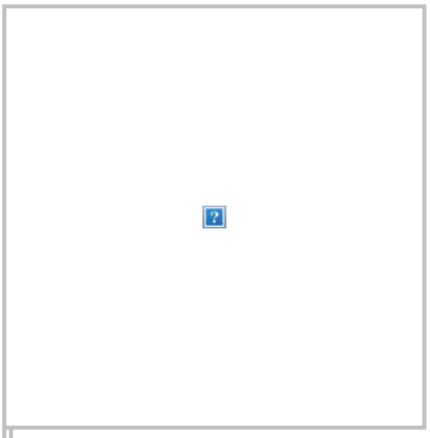


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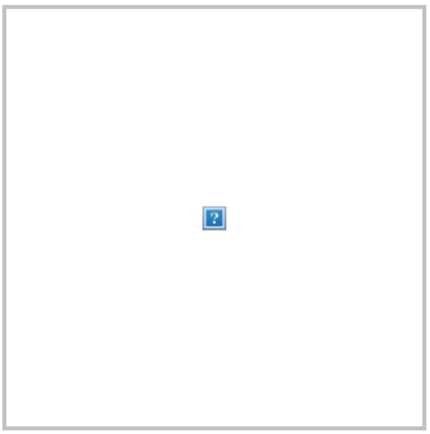
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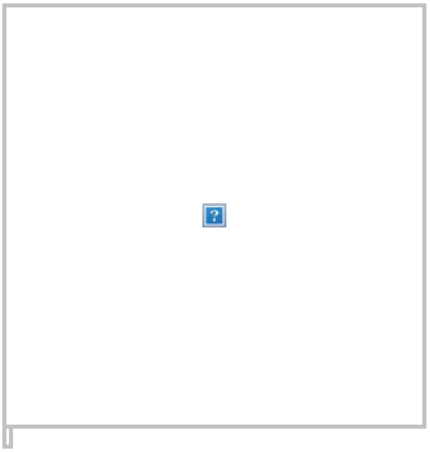
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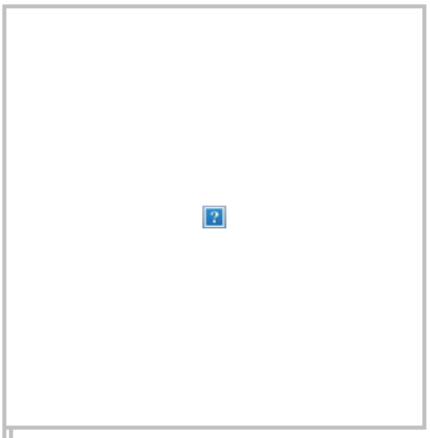


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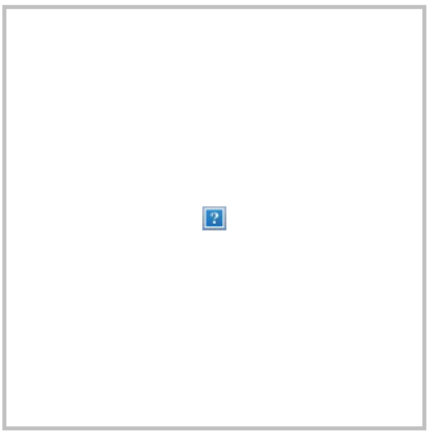
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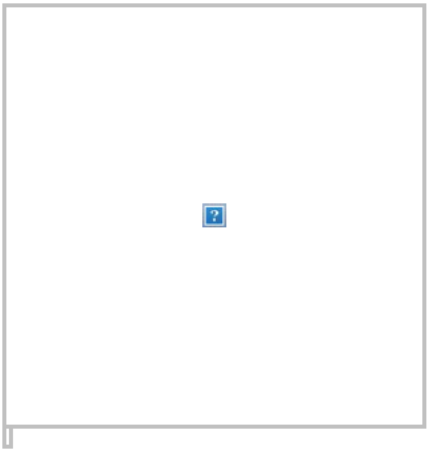
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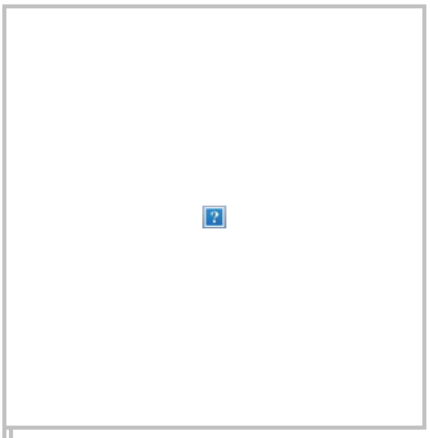


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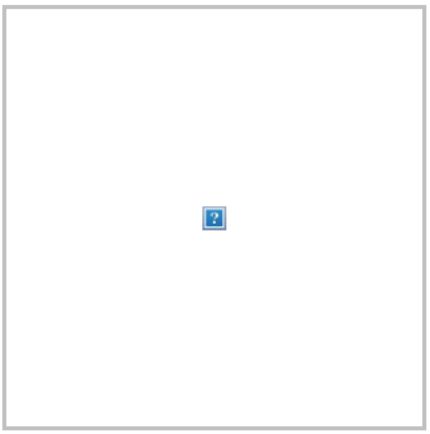
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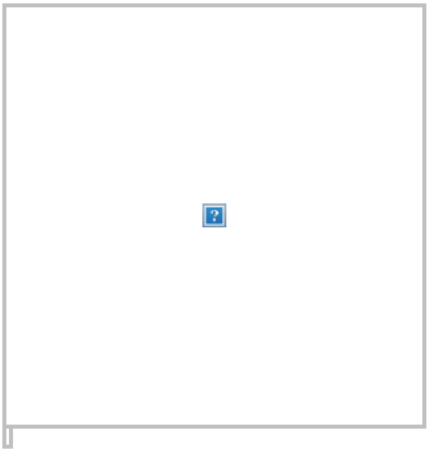
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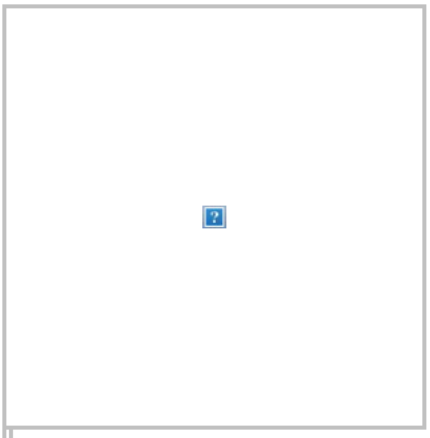


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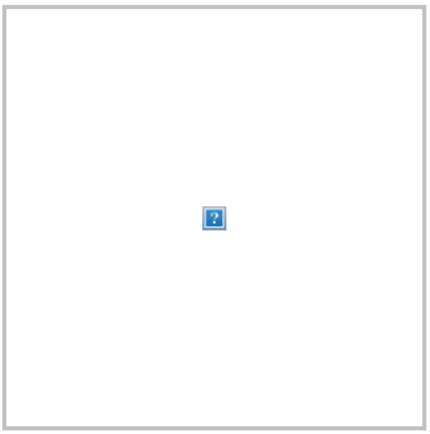
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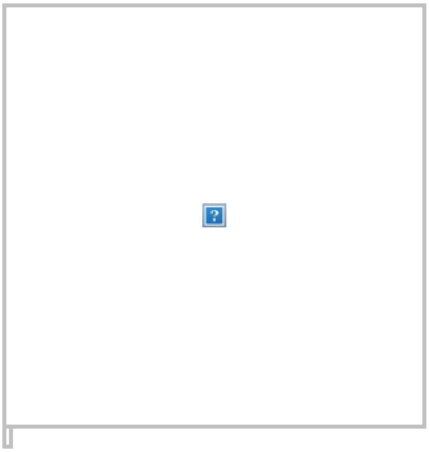
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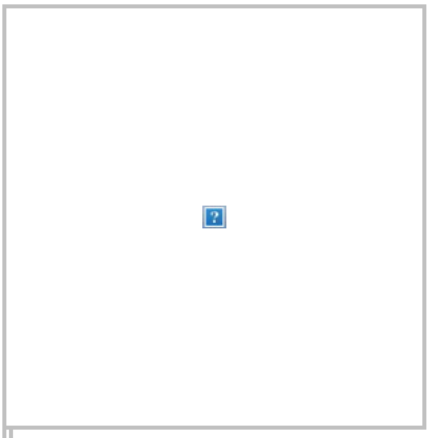


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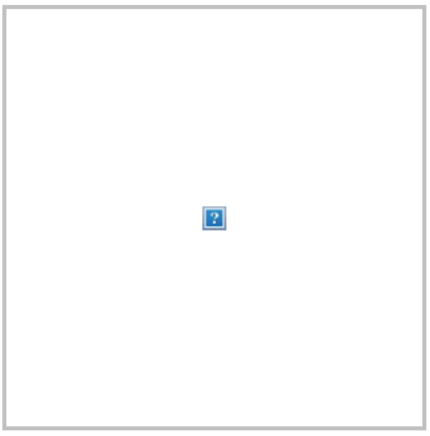
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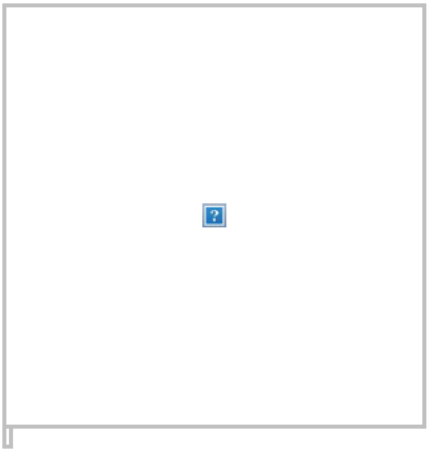
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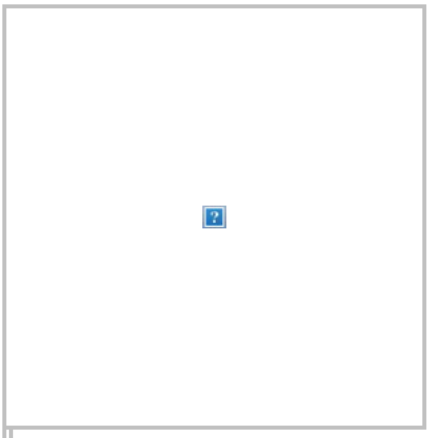


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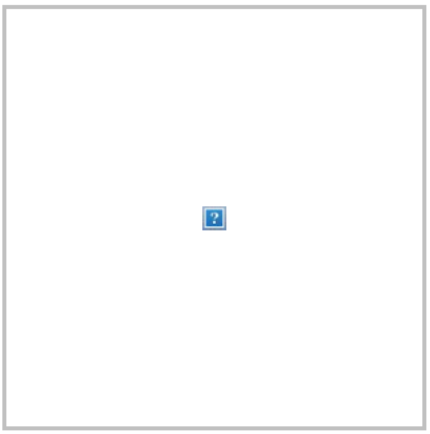
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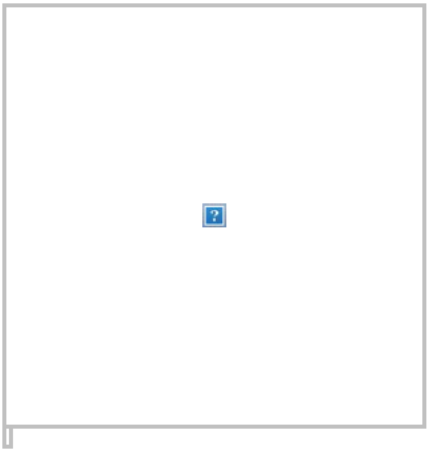
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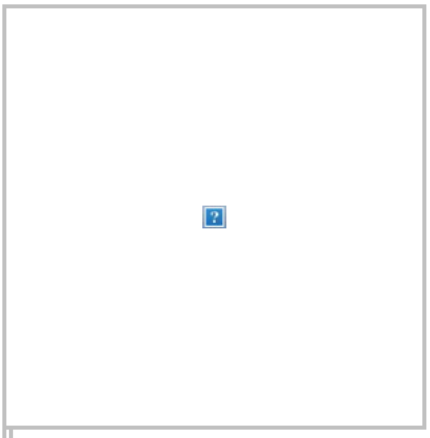


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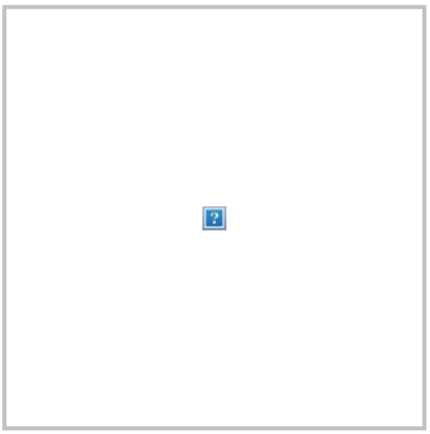
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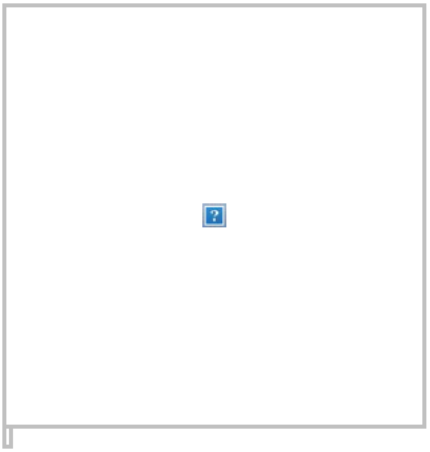
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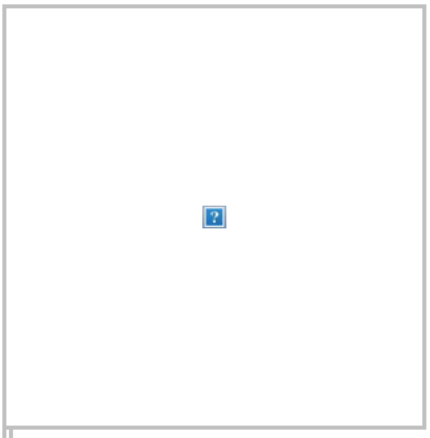


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From: PoliceOne Roll Call
To: McCarthy, Steven (POL)
Subject: LEO killed during memorial ride training; PD pulls cops from fed task forces
Date: Monday, June 3, 2019 6:57:08 PM

June 3, 2019 | View as webpage

TOP STORIES

Deputy%20Frank%20Scofield.jpg

Fla. LEO struck, killed by van while training for memorial bike ride

The LEO was training for a memorial ride to honor 9/11 victims when a van blew past a stop sign and hit him

NYPD chief who died of 9/11-related cancer remembered at street renaming

Video: Ariz. LEO gets emotional, surprise sign-off on last day of service

Video: Ga. officer helps fix teen's tie for graduation

Ohio police release video of arrest of armed man after bystander video circulates

Atlanta PD pulls all officers from federal task forces

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FEATURED CONTENT

stop-4-1.jpg

LEO Near Miss: Nearly hit by car while assisting deputy

By National Police Foundation

Regardless of the situation, you must resist being so focused on providing assistance that you put yourself in danger

churchfalls.jpg

Program takes multi-faceted approach to active shooter training

By The Office of Justice Programs' National Institute of Justice (NIJ)

The First 12 Minutes, developed by the City of Falls Church, Va., provides training to administrators, teachers and school staff

4 Ways to Get Ready for a Laser Scanner Grant

Prepare data and build partnerships now to ease the application process when grants are announced.

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OTHER HIGHLIGHTS

rankandfile.jpg

Here's what keeps rank and file officers up at night

By James Dudley

Do law enforcement leaders really understand what their line officers deal with on a daily basis?

socialmedia-3.jpg

Roundtable: How to match your agency's social media strategy with community needs

By P1 Staff

Social media is a powerful tool for law enforcement agencies, but engaging on such a public platform without a clear strategy can set an agency up for failure

SPONSORED CONTENT

How to identify risks before they become lawsuits

Arx Alert uses artificial intelligence to assess risk, track remediation and avoid escalation of behaviors that can put agencies at risk.

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H-Mount Tactical Helmet Mounting System

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DC-Police.jpg

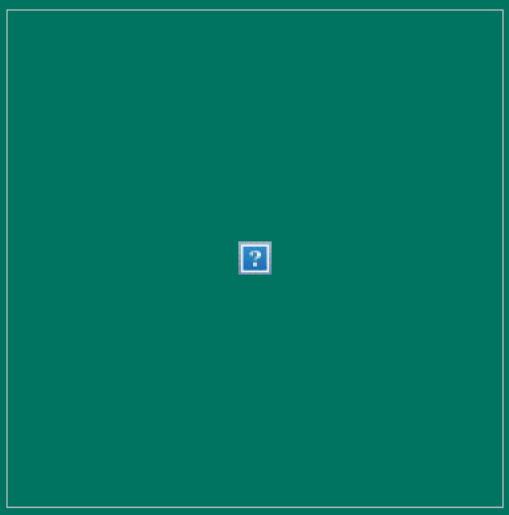
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To: McCarthy, Steven (POL)
Subject: Meet the ALPR camera that any agency can afford
Date: Thursday, March 28, 2019 9:08:03 AM

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200 Green Street, 2nd Floor, San Francisco, CA 94111

From: Motorola Solutions
To: McCarthy, Steven (POL)
Subject: Need Help with that Grant Application?
Date: Wednesday, August 14, 2019 11:00:30 AM

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From: IWCE"s UC Today
To: Pike, Steven (POL)
Subject: New Moto P25 radios with LTE | More ransomware problems
Date: Friday, October 25, 2019 5:52:55 PM

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IWCE's UC Today

October 24, 2019

IWCE's UC Today

Motorola Solutions unveils APX NEXT, a P25 radio with LTE connectivity and voice-assistant technology

Axon to integrate license-plate-reader tech as part of in-car video system next year

Newscan: Ransomware shuts down Georgia county

Early usage of 5G off the charts, but profits may not be

Best practices for state and local governments to improve natural-disaster preparedness

Why Schneider Electric sees a smart-energy revolution

Looking way ahead to 6G

CPUC president directs PG&E to take 'corrective actions' after power shutoffs

IWCE 2019 Wrap Up

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In the News

Motorola Solutions unveils APX NEXT, a P25 radio with LTE connectivity and voice-assistant technology

By Donny Jackson

Motorola Solutions unveils APX NEXT, the company's first P25 radio that also enables push-to-talk functionality via FirstNet LTE connectivity and virtual-assistant technology that allows users to manage radio setting and make database queries with voice commands.

FULL ARTICLE

Axon to integrate license-plate-reader tech as part of in-car video system next year

By Donny Jackson

Axon announces plans to integrate automated license-plate recognition (ALPR) powered by artificial intelligence (AI) into its next generation of in-car video cameras in a manner that promises to dramatically reduce the cost of ALPR and

Upcoming webinar

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address ethics concerns that have been raised about the technology.
FULL ARTICLE

Newscan: Ransomware shuts down Georgia county

Web Roundup
Items from other news organizations

Ransomware shuts down Georgia county
DARPA's Spectrum Collaboration Challenge: Hulking out, helping out and exploring the limits of AI-based spectrum sharing
The benefits of cloud-based technology for 911 command centers
AI, MD: Five unexpected ways that artificial intelligence will make your healthcare better
A DDOS gang is extorting businesses, posing as Russian-government hackers
Cyber memo warns of new risks to White House network
NIST Security Framework for IoT
NTIA chief to Mobile World Congress: We are winning race to 5G
U.S. Cellular CEO calls for swift move on 5G mid-band spectrum for rural areas
Apple iPhone 12 will feature 5G
T-Mobile to cover 200 million people with 5G this year
Sprint makes the case for 2.5 GHz 5G
Suburban Chicago community challenges 5G antenna deployment
Public Safety Advocate: IACP, network interoperability, FirstNet board

Briefing Room
News announcements from our industry

Implementing Pulsara and FirstNet improves North Texas regional EMS patient-care and treatment times
EDA, NIST and the FirstNet Authority announce $1 million interagency disaster challenge
FirstNet blog: A new approach to public-safety engagement focused on Roadmap
AT&T, Sprint, T-Mobile and Verizon form joint venture to transform messaging experience
Cradlepoint selects Qualcomm to power its '5G for business' solution roadmap

FULL ARTICLE

Partner content

Early usage of 5G off the charts, but profits may not be

By Mike Dano

Sprint confirmed that its first 5G customers are consuming three to five times more data than its 4G customers. This certainly indicates demand, but it also raises questions about how operators will profit from 5G.
FULL ARTICLE

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Best practices for state and local governments to improve natural-disaster preparedness

By Paul Brandenburg



There's no sure way to completely eliminate the effects of a natural disaster, there are several steps state and local government leaders should consider to limit the potential impact.

FULL ARTICLE

Why Schneider Electric sees a smart-energy revolution

By Brian Buntz

The concept of smart energy will quickly become a reality, according to the chief innovation officer of Schneider Electric, a Fortune Global 500 company.

FULL ARTICLE



Looking way ahead to 6G

By Chris DiMartino



While 5G represents the next generation of wireless communications, a new sub-terahertz testbed is already setting the stage for 6G research.

FULL ARTICLE

CPUC president directs PG&E to take 'corrective actions' after power shutoffs

Corrective actions outlined in the president's letter include accelerating the restoration of power with a goal of less than 12 hours, enhancing efforts to minimize size and magnitude of future public safety power shutoff (PSPS) events.

FULL ARTICLE



RATES

**Not valid on already discounted government rates or single session tickets*

Events

CMA 2019
New Orleans, LA
November 12-14, 2019

AGL Local Summit 2019 - Dallas
Dallas, TX
November 14, 2019

NEDAS Washington, DC
Washington, DC
November 21, 2019

Webinars on demand

Original air date June 27

Webinar 2: In-Building Coverage: First Responder and Citizen Safety

Register for this webinar at the same time as the May 30 webinar! Examine the challenges and efforts to increase coverage inside buildings, through walls, windows, in stairwells and elevators.

Register!

Original air date: June 6

Webinar 1: What 5G Enables

This leading webinar of the 5G Series examines the key promises of 5G, including enhanced capabilities for public safety, government (smart cities), utilities (smart grid), health care (telehealth/remote surgery), and transportation (autonomous vehicles).

IWCE eZine

IWCE 2019 Wrap Up



Catch up on everything from IWCE 2019 in Las Vegas through this post-show eZine, which includes articles, videos and more.

FULL ARTICLE

Register!

Original air date: May 30

Webinar 1: Basic Coverage and Interoperability: Connectivity from 3G to 5G

The first webinar in the Coverage and Connectivity Series, this discussion covers how important basic coverage has become to users and first responders alike.

Register!

White Papers

Keeping the Signal Strong: A practical guide to FirstNet-ready connectivity for public-safety vehicles and buildings

Closing the cybersecurity gap: 3 keys to analytics-driven security

Learn how to unify your communications into a network of networks

Communicating in Crisis-- How preparedness leads to successful crisis management

Scaling the Test Equipment Size to Match Millimeter Wave Test Needs

Significantly reduce IT costs, increase efficiency

Sinclair Technologies: Introduction to filtering for radio signals

Overcoming cellular-network survey challenges

Maintaining critical infrastructure with a mobile workforce

Redline Communications: Smart City Communication Technologies

Anritsu Partners With TRX Systems To Simplify Mapping of In-Building Wireless Coverage

The Impact of LTE on the LMR Industry

More White Papers



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UC Today





From: PoliceOne Roll Call
To: McCarthy, Steven (POL)
Subject: NY cop shot by naked suspect; Sheriff suspended after Parkland removed
Date: Thursday, October 24, 2019 3:52:21 PM

October 24, 2019 | View as webpage

TOP STORIES

NYPD officer fired in Eric Garner's death sues to get job back

Daniel Pantaleo's lawsuit says his termination was 'arbitrary'

Calif. police stand by cop after video released in 2017 OIS of murder suspect

NY cop shot confronting naked armed suspect

Fla. Senate votes to remove sheriff suspended after Parkland shooting

New Google Maps feature enables drivers to share police locations

Chicago police superintendent will skip President Trump's speech to chiefs

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How to Turn Your Camera System Into an ALPR

Expand the range of real-time data available by Integrating an automatic license plate reader into your in-vehicle camera system.

Find out how

FEATURED CONTENT



12 benefits of becoming a field training officer

By Lt. Dan Marcou

An FTO's skills sharpen and grow stronger while teaching other LEOs



Countering the critics: Responses to common arguments about police use of deadly force

By Mike Ranalli

The correct response to public outcry following a use of force incident is to conduct a thorough investigation, not rush to change laws or policies

OTHER HIGHLIGHTS



6 'invisible' signs that a subject is resisting a police officer

By Chief Joel F. Shults, Ed.D.

Every aspect of the scene and the arrestee must be explained for the benefit of supervisors, prosecutors and juries



Clothing giveaways of a concealed weapon

By Calibre Press

Reading subtle cues that indicate concealed carry, you may be able to anticipate you're dealing with an armed subject and gain a preventive edge of timing and positioning



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Reduce crime and connect communities with data analytics (eBook)

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From: kerra.huchowski@pol.state.ma.us
To: Frenzo, Mark (POL)
Subject: Re: A Publication of the LEIU Executive Board - The Source
Date: Thursday, October 31, 2019 2:15:44 PM

Anytime

Respectfully,

Kerra Huchowski
Intelligence Analyst

Commonwealth Fusion Center
124 Acton Street
Maynard MA 01451

Office - 978-451-3709
24/7 - 978-451-3700
Fax - 978-451-3707
Cell - [redacted]

Kerra.Huchowski@pol.state.ma.us

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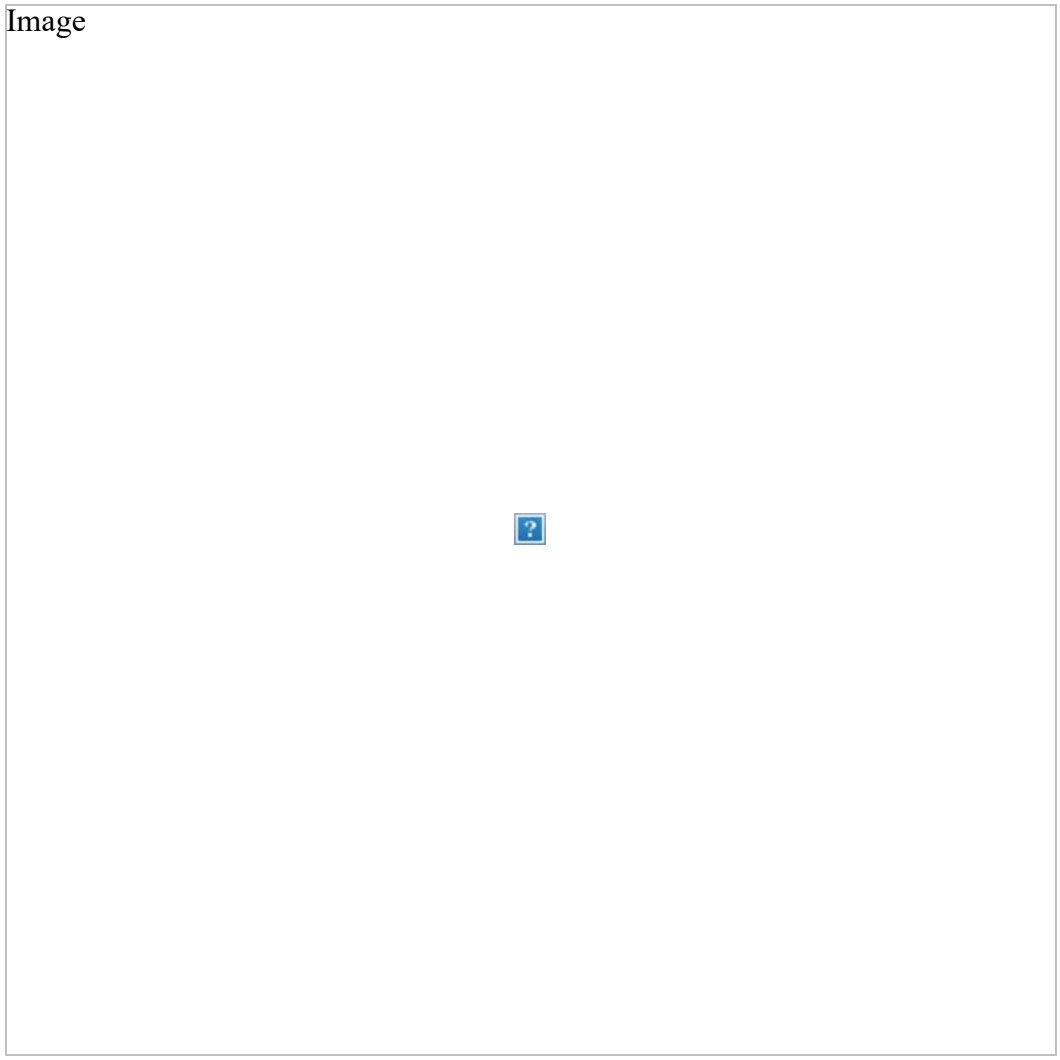
On Oct 31, 2019, at 2:15 PM, Frenzo, Mark (POL) <mark.frenzo@pol.state.ma.us> wrote:

> Thanks Kerra
>
> Sent from my iPhone
> Detective Lieutenant MR Frenzo #2177
> Unit Commander
> SSS / Organized Crime Unit
> Massachusetts State Police
>
> On Oct 31, 2019, at 7:44 AM, Huchowski, kerra (POL) <kerra.huchowski@pol.state.ma.us> wrote:
>
> > Good Morning,
> >
> > Listed below are various different articles about organized crime, including one about the Las Vegas Mafia. Other articles stem around OC in Asia, Canada and of course El Chapo and drugs. Happy reading and Happy Halloween!
> >
> > I will be in DC next week.

-Kerra

From: Association Of Law Enforcement Intelligence Units (LEIU) [mailto:LEIU@doj.ca.gov]
Sent: Wednesday, October 30, 2019 8:31 AM
To: Huchowski, kerra (POL) <kerra.huchowski@pol.state.ma.us>
Subject: A Publication of the LEIU Executive Board - The Source

Image



The LEIU Source is a weekly news publication brought to you by the LEIU Executive Board.

Each Wednesday, we share with you a few of the articles or intelligence-based publications that have come across our desk. We are exicted to see, each week, Law Enforcement Officers, Analysts and Administrators from around the world reading this.

If you have a publication or an article that you feel needs to be shared, please send these to IntelligenceAnalysis@mac.com for review.

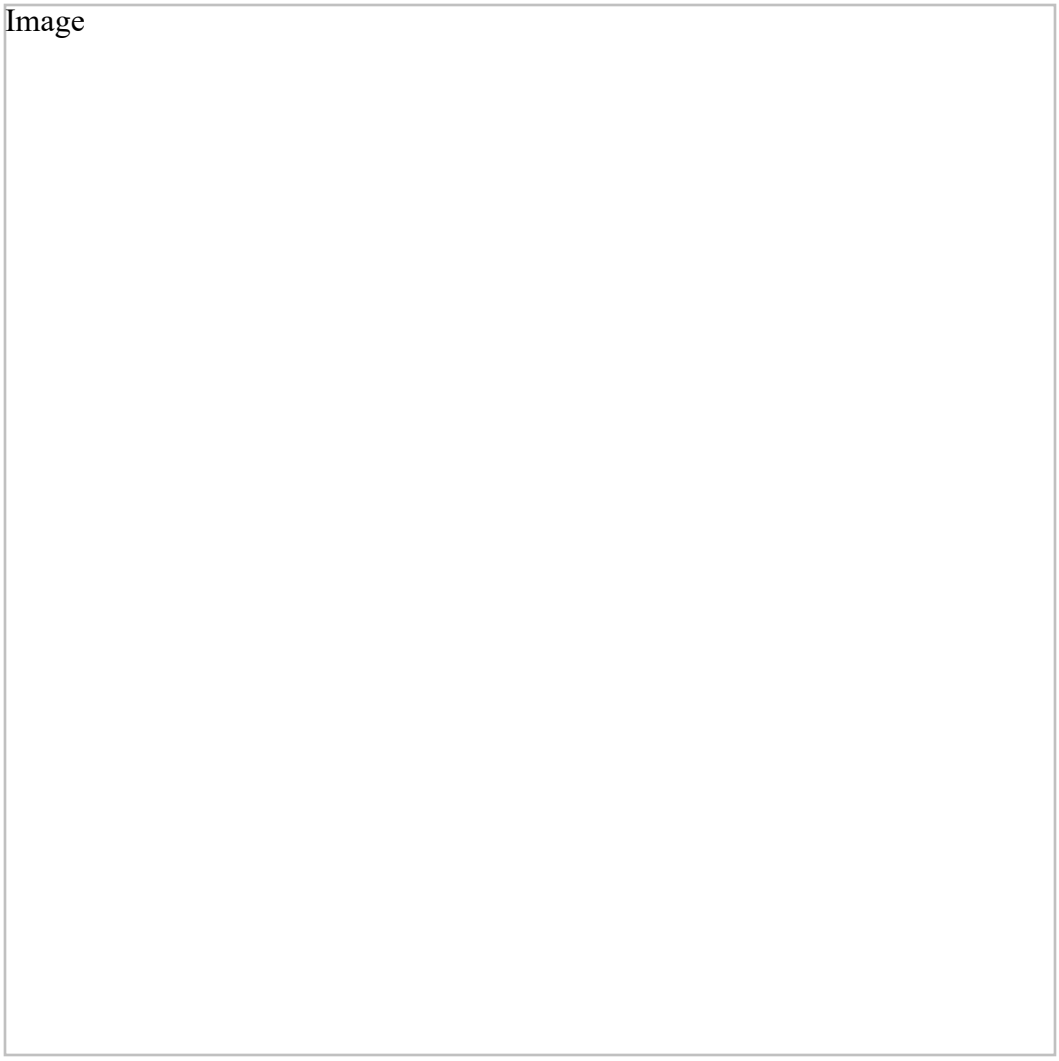
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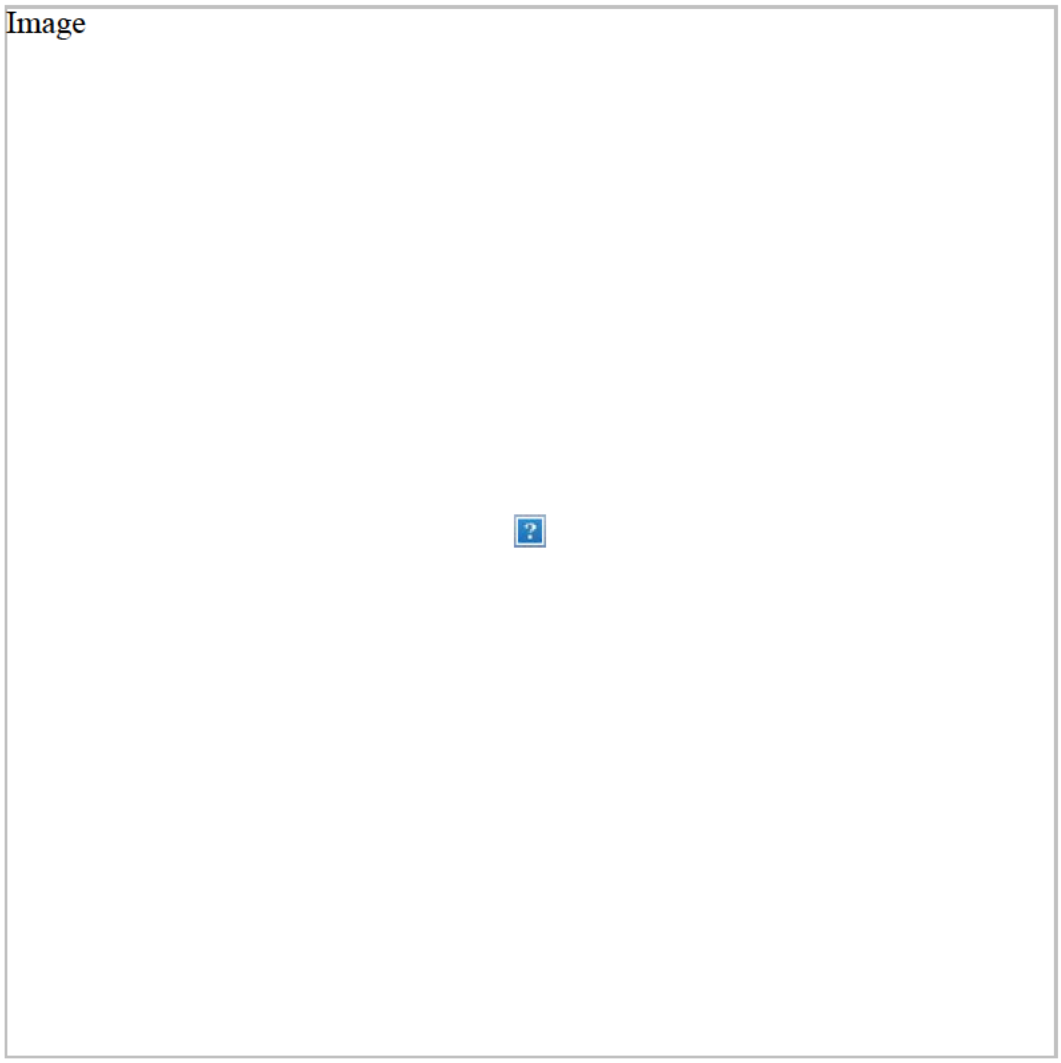
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BAE wins open source intelligence contract from the Army

Image



The Army has awarded BAE Systems a $437 million task order for open source intelligence support, the company announced Oct. 15 during the 2019 Association of the United States Army conference.

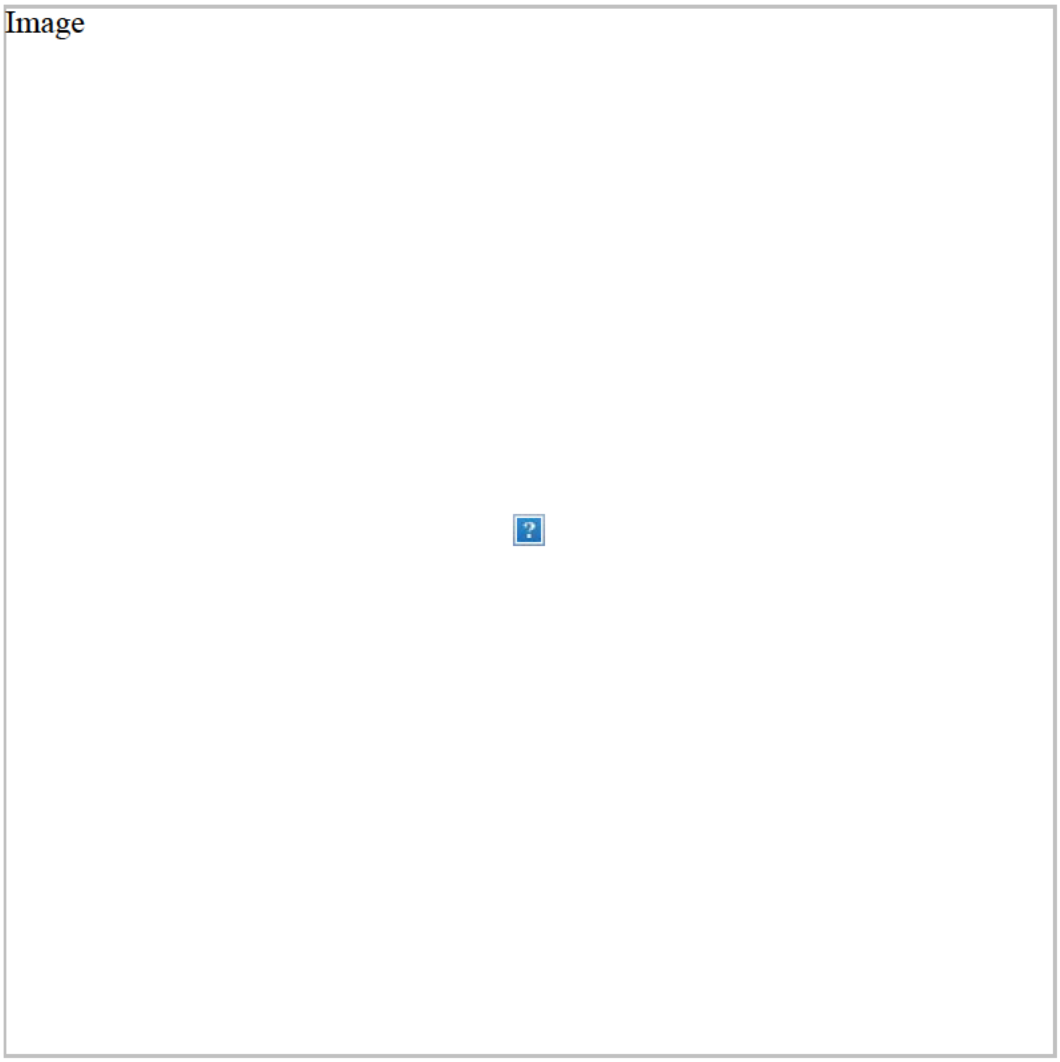
As part of the task order, BAE Systems will provide the Army and Army Intelligence & Security Command (INSCOM) approved partners with open source solutions to publicly available data.

“We’re proud to continue to partner with the U.S. Army and support their critical national security missions with this new capability,” Peder Jungck, vice president and general manager of BAE Systems’ intelligence solutions business.

The company won the initial award of the five-year task order and began ramping up in August, Jungck said. The task order is an extension of projects the company has been doing for the Army, but this is the first time the work been consolidated and awarded as a larger contract, he explained.

“If you look at contracts in general around OSINT there’s been kind of small ones, there’s been lots of pilots out of agencies and even within the Army and throughout INSCOM there were different kind of brigades and battalions that had their own set of tools," he said. "This is one of the first of the really large OSINT and AI consolidation contracts. I don’t think anybody’s really had a large one like this.”

Calif. police stand by cop after video released in 2017 OIS of murder suspect



FRESNO, Calif. — Community activists are expressing outrage after seeing video footage that shows a Fresno police sergeant fatally shooting an unarmed 16-year-old boy as he fled during a foot pursuit.

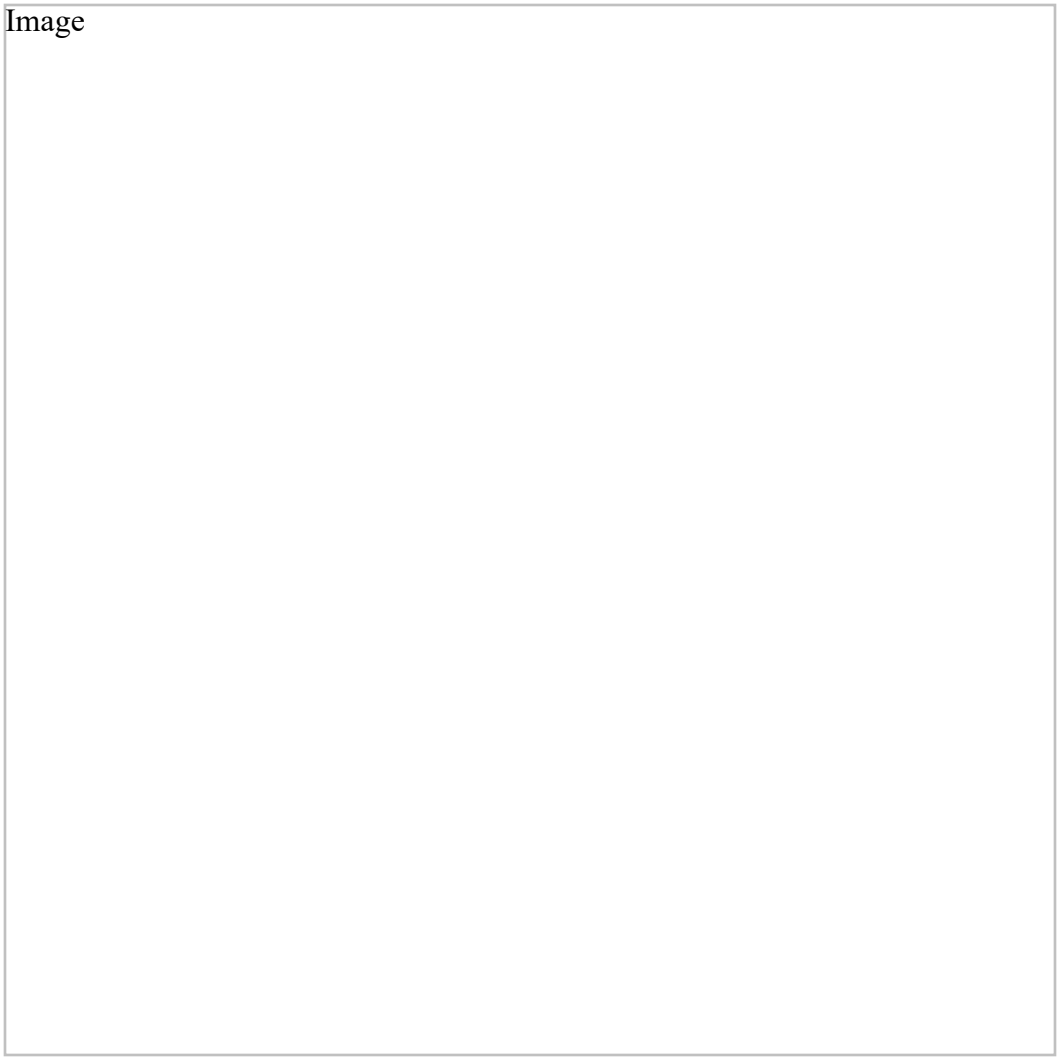
Meanwhile, the local police union and supporters of law enforcement have stepped up in support of the sergeant, saying he acted within guidelines while pursuing a murder suspect.

The footage shows Sgt. Ray Villalvazo firing a single shot into the back of Isiah Murrietta-Golding's head, according to a lawsuit filed on behalf of the teen's family.

The video was captured on a surveillance camera at a daycare facility on April 14, 2017, and was released by attorney Stuart Chandler, who's representing the family of Murrietta-Golding. The boy's family alleges the sergeant used excessive and unlawful deadly force, and committed assault and battery with negligence.

Additionally, in footage released from a police officer's body camera, one officer is heard shouting "good shot" as officers handcuff and search the already prone Murrietta-Golding.

Asia has an organized-crime problem. Canada is well placed to help



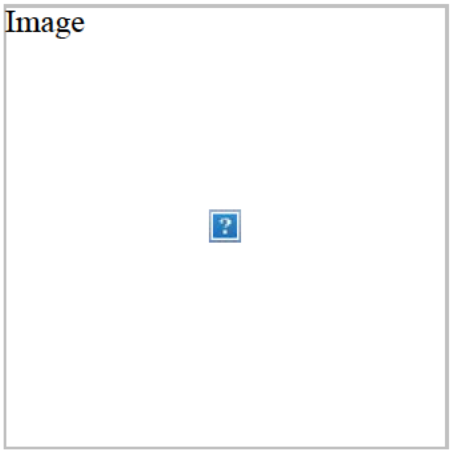
Jeremy Douglas is the regional representative for the United Nations Office on Drugs and Crime (UNODC) for Southeast Asia and the Pacific and a former UNODC representative for Pakistan. The opinions expressed in this commentary are his.

More than a few eyebrows went up last week when Tse Chi Lop – a 55-year-old Canadian man – was accused of being arguably the biggest drug trafficker in the history of Asia.

Mr. Tse is suspected – by police in Myanmar, Australia and Taiwan, and by the United Nations Office on Drugs and Crime (UNODC) – of being the leader of Sam Gor, or Brother Number Three, a supersyndicate largely responsible for the dramatic shift in recent years in organized crime away from drugs such as heroin and toward synthetics, such as methamphetamine, ketamine and fentanyl. It's a shift that has been driven by control and profit, since synthetics offer many advantages to

criminal organizations: Labs can be quickly set up or moved; they are not subject to external conditions such as climate, nor do they require large work forces; and production can be rapidly scaled up to drive the market. Put these things together and it means the disruption of the traditional drug business and the heavily concentrated profits that come with it.

Florida Senator Rick Scott Announces Legislation To Address 'FBI Failures' Regarding Parkland Shooting



MIAMI (CBSMiami) – Florida Senator Rick Scott announced legislation Thursday to hold the Federal Bureau of Investigations accountable for its 'failures to address critical deficiencies in its handling of actionable intelligence' in regards to the mass shooting at Marjory Stoneman Douglas High School in 2018.

The 'Threat Information Protocol for Sharing (TIPS) Act' is supported by Stand with Parkland, an organization founded by the family members of the victims of the Parkland shooting.

"Not a day goes by that I don't think about the 17 souls that were taken from us in a brutal act of violence at Marjory Stoneman Douglas High School. Following the tragedy, we all worked together to pass the Marjory Stoneman Douglas High School Public Safety Act to make our schools safer and prevent future tragedies, but we aren't finished. We cannot

accept the repeated failures of the FBI to properly investigate and act on specific tips received about the Parkland shooter, as well as other perpetrators of mass violence in Florida. I'm proud to stand with the family members of the victims to announce the TIPS Act, which bridges the gap between federal and state law enforcement agencies by mandating information sharing of all state-specific criminal intelligence tips. This is about getting information on threats into the hands of the right people, who can ultimately prevent violence and protect our families," Scott said.

Majority of Mexicans Say Organized Crime Stronger than Government after El Chapo's Son Released

Image

A majority of Mexicans see organized crime as more powerful than the Mexican government after government forces capitulated to drug-cartel strongmen and released the son of the former cartel leader Joaquín Guzmán, known as “El Chapo.”

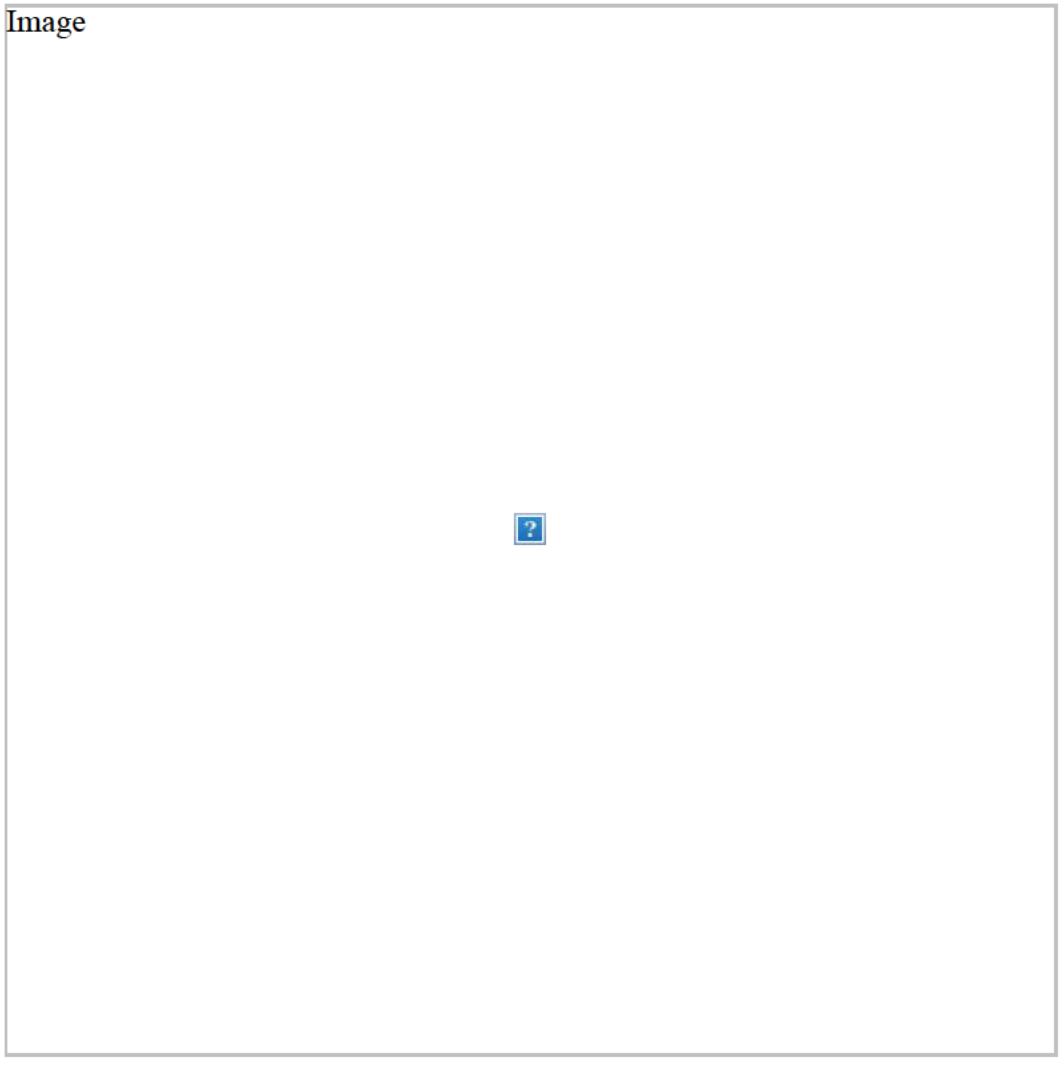
About 56 percent of Mexicans say they believe organized crime is stronger, while only 33 percent say the government is stronger, according to a poll by the Mexican newspaper Reforma.

Mexican authorities were forced on Thursday to release Ovidio Guzmán López, El Chapo’s son, shortly after capturing him, when the Sinaloa cartel laid siege to the city of Culiacán and surrounded Mexican troops, taking eight soldiers hostage. Officials said at least 14 people died during the clashes between cartel members and Mexican soldiers.

49 percent of respondents in the Reforma poll disagreed with the decision to release López, while 45 percent said they supported it. Residents of Culiacán expressed relief that the government had surrendered, saying the decision prevented further violence.

Mexican lawmen get FBI training to combat organized crime, terrorism

Image



JUAREZ, Mexico — Three Chihuahua state lawmen recently completed intelligence and intervention training courses sponsored by the FBI, according to the State Security Commission.

Alvaro Serrano Escobedo, the commission's operations

director, received training on anti-terrorism, intelligence gathering, leadership and the combat of organized crime at FBI headquarters in Quantico, Virginia. The training is part of the FBI's Mexican Law Enforcement Executive Development (MEXLEED) program, the commission said in a news release.

Ginés Jaime Ruiz García, first officer of the Chihuahua State Police, and Jesús Alejandro Cruz Rangel, who heads rural operations for the agency, attended the FBI's Mexican American Liaison and Law Enforcement Training (MALLET) program in South Padre Island, Texas, the commission said.

The three lawmen were among 30 duly vetted Mexican officials chosen by the FBI for training this year, the commission said.

---

63 accused drug dealers plead guilty in heroin, fentanyl and cocaine trafficking rings

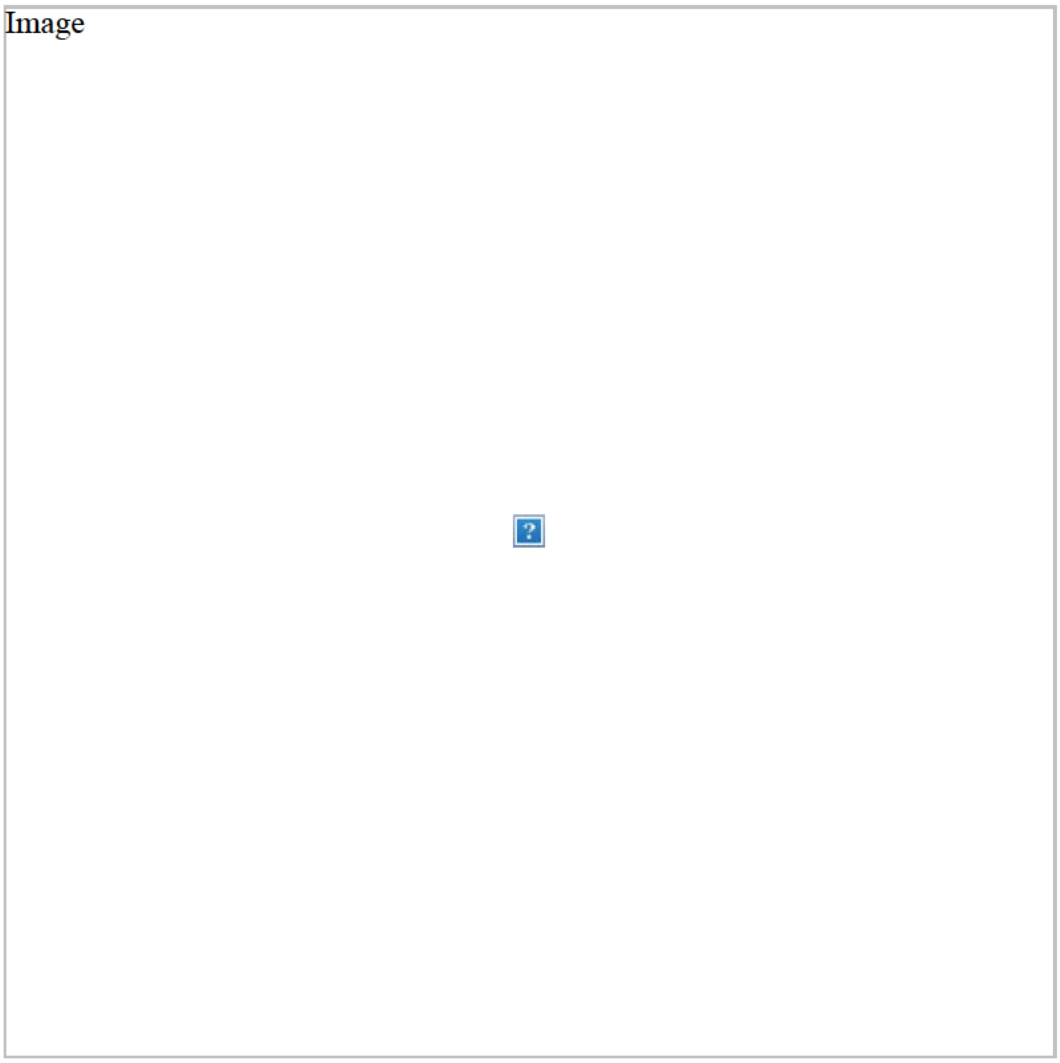
Image

SYRACUSE — New York State Attorney General Letitia James has announced the guilty pleas of 63 people for their roles in two major narcotics trafficking operations that transported heroin, fentanyl, and cocaine to Onondaga, St. Lawrence, Oswego, Oneida, and Jefferson counties.

The investigation resulted in the recovery of approximately 4,700 bags of heroin and fentanyl, worth approximately $140,000, and approximately 2 kilograms of cocaine, worth more than $200,000, according to a news release from the Attorney General's office.

"These individuals flooded our communities with dangerous drugs that are putting New Yorkers at great risk," said Attorney General Letitia James in the news release.

House bill would give border agents tool to detect synthetic opioids



A bill that would give U.S. Customs and Border Protection (CBP) agents the equipment to detect synthetic opioids has been introduced in the U.S. House.

The DHS Opioid Detection Resilience Act of 2019 requires the Commissioner of CBP to procure chemical screening devices that allow border patrol agents to identify narcotics, including synthetic opioids, with purity levels of less than 10 percent. A 2018 study by the Drug Enforcement Administration (DEA) found that most fentanyl seized at the southwest border tends to be less than 10 percent pure. These changes would fill the gap that currently exists in identifying these synthetic opioids.

“Stopping the flow of illegal drugs across our southern border and at ports of entry is a top priority for our CBP law enforcement officers. This includes fentanyl and other synthetic opioids that can be difficult to detect. Our legislation ensures that DHS has the necessary equipment to detect synthetic opioids and the ability to adapt as smuggling methods evolve. We want to prevent this poison from ever reaching American communities, and our bill helps law enforcement carry out that mission,” Rep. Clay Higgins (R-LA), the bill’s sponsor, said.

Teens brawl with police in Brooklyn subway station

Image

BROOKLYN, N.Y. – A video showing members of the NYPD

trying to break up a fight and instead ending up in an all-out brawl with a mob of New Yorkers has gone viral… and media outlets were quick to condemn the cops who were involved.

The Post said that the incident unfolded on Saturday morning around 2:30 a.m. as officers responded to the scene of a fight on the platform of a subway station. The fights had originally began up on Jay Street between two groups of people before the violence spilled down into the station.

Cell phone video captured at the scene shows officers rush into the area and try to pull the brawling teens apart, attempting to put one of the suspects in handcuffs. Other individuals on the outside of the skirmish appear to be pulling the officers away.

The heartbreaking final text this human trafficking victim sent before dying in UK truck

Image

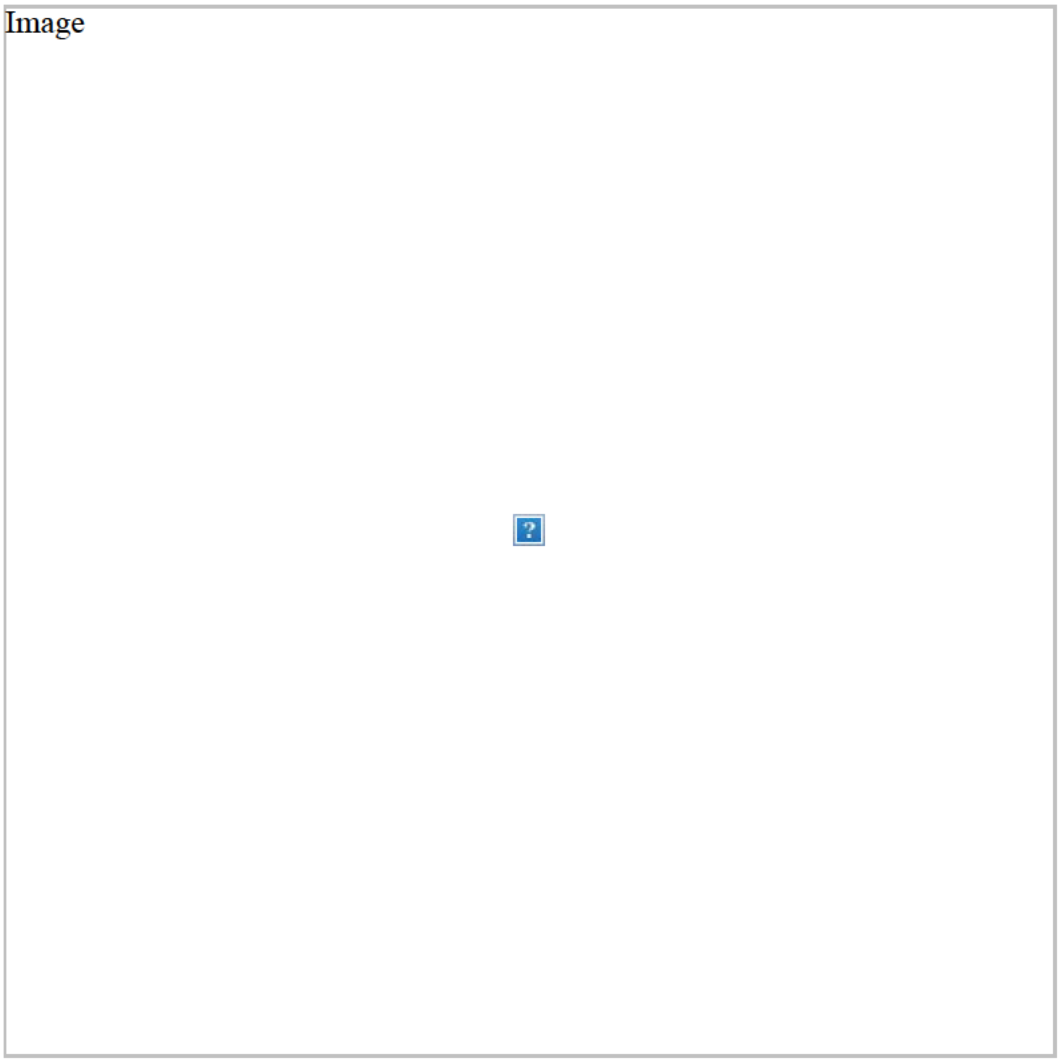
A 26-year-old Vietnamese woman texted her mom frantically that she was suffocating in the truck in which the bodies of 39 people were found in England — and apologized that her journey to a better life ended tragically, according to a report.

“I’m sorry Mom, my path to abroad didn’t succeed,” Pham Thi Tra My wrote in a series of messages about 10:30 p.m. Tuesday, according to the Mirror.

“Mom, I love you and Dad so much! I’m dying because I can’t breathe,” she added.

News about the young woman’s final moments emerged as two more people were arrested after eight women and 31 men were found dead Wednesday in a case that has shocked Britain and made headlines around the world.

Labor Trafficking Is A Crime You Probably Don't Notice



It has been more than four years since Catherine Piedad called 911 from a $1.7 million home in Newton.

In 2015, she worked long hours to care for a Russian family's young twins. Her passport was taken, and she slept in a small room with little light and nowhere to store her clothes. When she asked to be paid, her employer threatened to send her back to the Philippines. She feared deportation and did not know who to trust.

Despite her fear, she called 911. Law enforcement helped her

to leave the family's home but did little else. They did not see her case as "labor trafficking." Instead, the incident was labeled a "labor dispute." Piedad struggled to access her rights — despite the robust federal and state laws designed to protect her.

You've probably heard of sex trafficking, which often involves perpetrators who force, trick or coerce victims into sexual servitude. Although difficult to see, sex trafficking is often visible to law enforcement through the internet: perpetrators sometimes leave a footprint online, which can provide a critical entry point for criminal investigations.

The Mafia's history in Las Vegas: From Bugsy Siegel to Anthony Spilotro

Image

Benjamin “Bugsy” Siegel had been at the helm of the Flamingo for only six months in June 1947 when he was killed in a hail of gunfire at his girlfriend’s Beverly Hills, Calif., home.

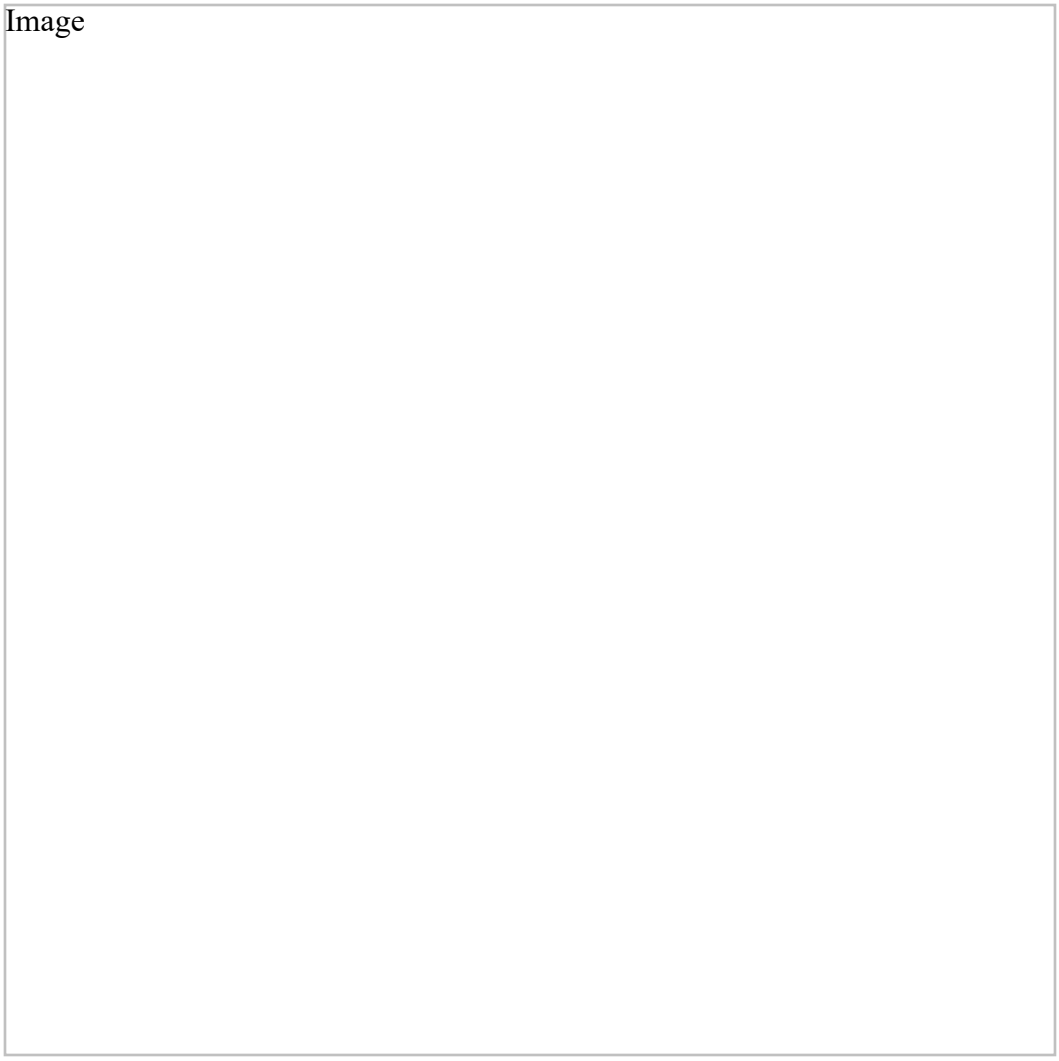
But his vision for the Flamingo, the first resort-style hotel on the Strip, was the beginning of a 50-year relationship between Las Vegas and traditional organized crime that helped define “Sin City”and turn it into one of the world’s top tourist destinations.

“The general perception on the part of the public is that Las Vegas and the mob have been inextricably linked, and I don’t think it will ever be extricated,” former longtime state archivist Guy Rocha says.

Groundbreaking books such as “The Green Felt Jungle” in 1963, which revealed the mob’s early grip on the city, and popular movies such as “The Godfather” in 1972 and “Casino” in 1995 enhanced this perception through the years.

So did the buzz on the Strip over the Rat Pack, led by headliner Frank Sinatra and his associations with high-profile underworld figures.

New Bill To Bring Illegal Gambling In California Closer To An End



Gambling in the US, as well as in the whole world, is one of the most entertaining and lucrative endeavors. Not only does it provide fun and joy to the players, but it also offers an opportunity to make a fortune.

The gambling operators all around the world are doing everything they can to attract new customers. From online free spins for Australians to no deposit bonuses and other promotions in other countries, casino operators are full of such impressive offers.

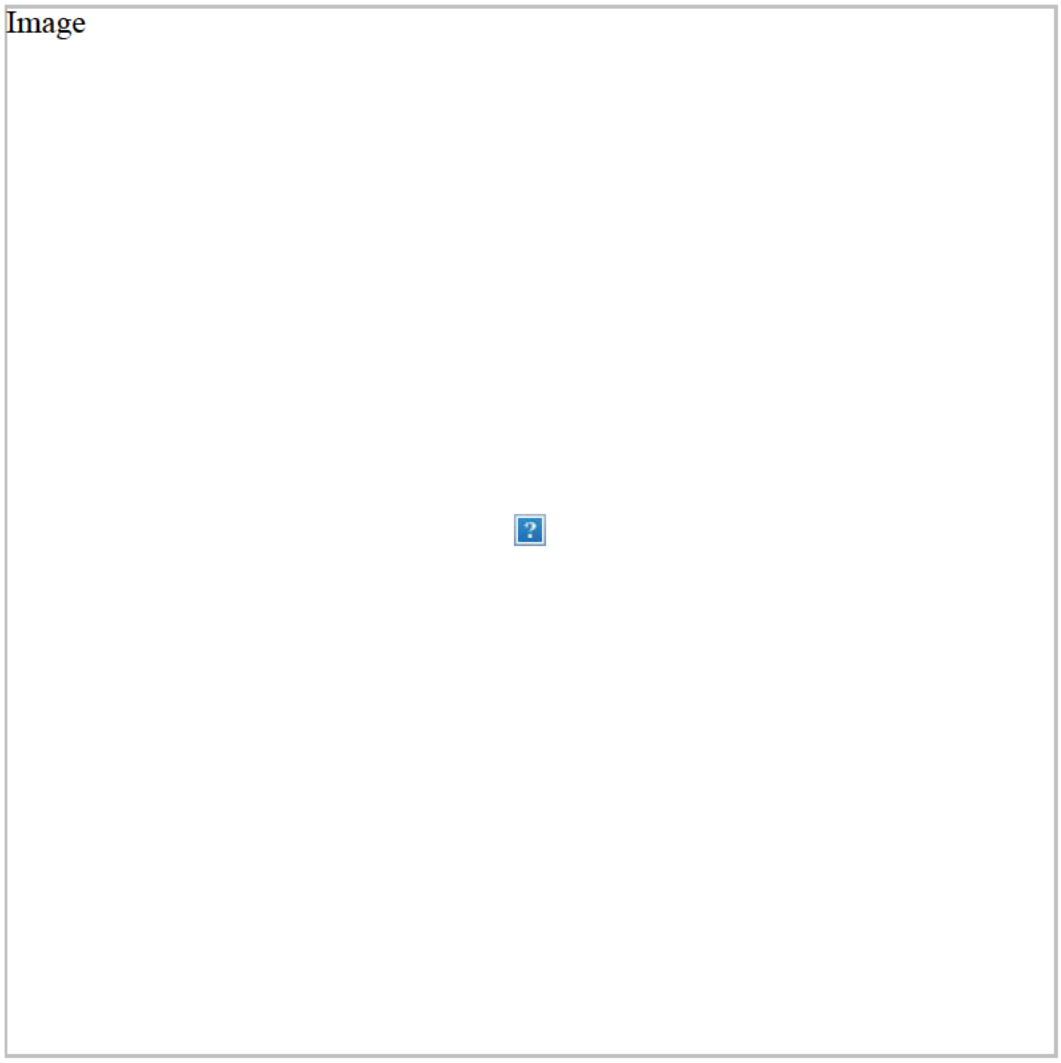
However, the industry isn't just this fairy-tale source of joy and money. It also has its drawbacks. With problem gambling, organized crime, and money laundering prospects, gambling has long been considered threatening to society.

That's the reason why the US government, alongside other

governments worldwide, have been eager to put the industry under the limitations and protect the interests of their citizens. With the regulatory restrictions and measures, the government officials have deemed ill-gotten gains illegal and contributed to ending gambling-related crime.

Best true-crime books of all time

Image



Terrifying tales are not the domain of fiction alone. If you are in search of bone-chilling scares, we recommend you turn to true crime. The key word being true. That's right, no imagination needed. Including stories about such horrific figures as Charles Manson and Ted Bundy, Goodreads compiled a list of the top 10 true-crime books

of all time based on the lists, reviews and ratings of their more than 90 million members.
AP

How a Facebook Crime Page Led to Arrest of N.C. Woman in Cold Case Killing of Sister-in-Law

Image

A Facebook page devoted to the murdered, missing or miscreant residents of western North Carolina is being credited with helping authorities bring charges in the 15-year-old cold-case killing of a missing mom of four, allegedly at the hands of her sister-in-law.

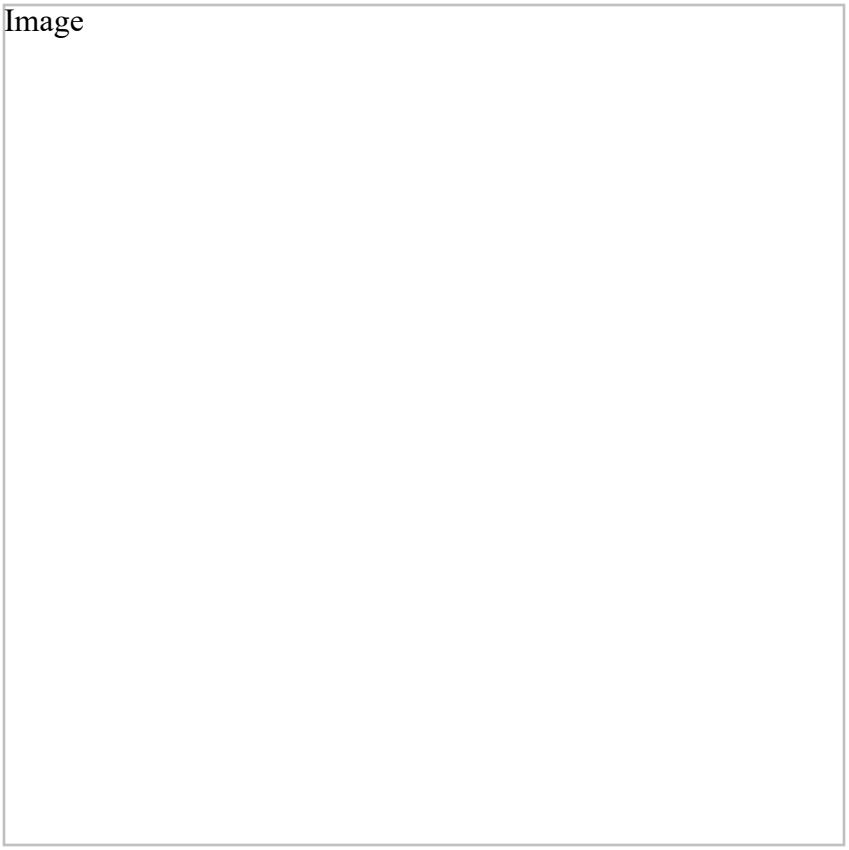
The tip that led authorities to a “shallow grave” containing the remains believed to be those of 29-year-old Deborah Elaine Deans “proved to be very accurate and very reliable,” Nash County Sheriff Keith Stone told reporters last week.

But the tipster did not go to police at first.

Instead, the unidentified person sent information about the alleged crime to a woman who created and runs a Facebook page called Fighting Crime News and Who’s Wanted, an online outlet whose updates range from wanted posters to promotions of local elections and warnings about traffic tie-ups.

On October 20, a re-post about the unsolved missing-person case of Deans — who was last seen around 9 a.m. on January 19, 2004, at a residence on Wiley Road in Spring Hope — elicited a “very detailed” response that was forwarded to authorities by the Facebook page creator, said Nash.

Google Maps Adds ability to see speed limits and speed traps in 40+ countries

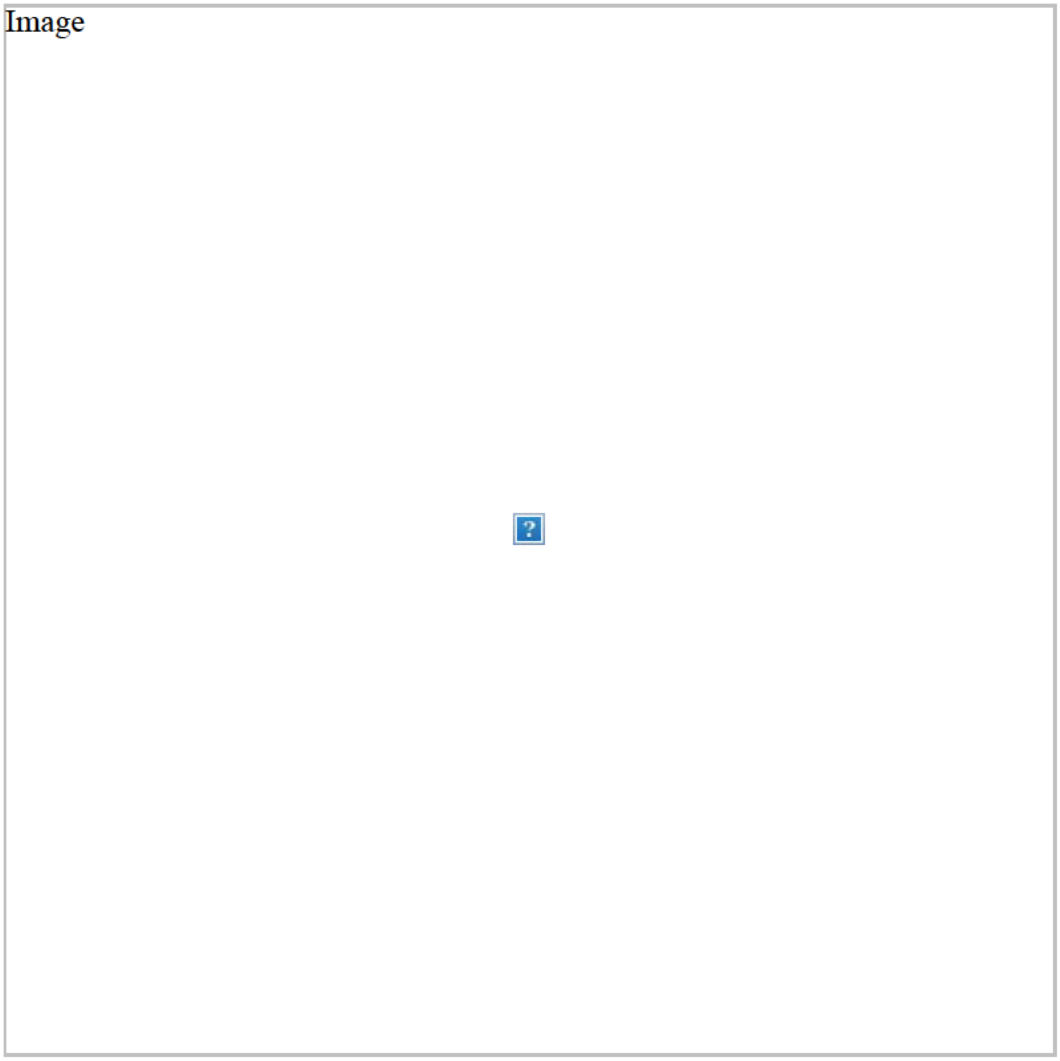


Google Maps is gaining some features previously exclusive to Google's navigation app, Waze. The company confirmed it's rolling out the ability for Google Maps users to see speed limits, speed cameras and mobile speed cameras in more than 40 countries worldwide — an expansion of its earlier launch of these features, which were previously limited to select markets.

The change was noted earlier by ZDNet and, of course, Reddit.

Google confirmed with TechCrunch the full list of supported countries now seeing the speed cameras, which currently includes: Australia, Brazil, U.S., Canada, U.K., India, Mexico, Russia, Japan, Andorra, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, Greece, Hungary, Iceland, Israel, Italy, Jordan, Kuwait, Latvia, Lithuania, Malta, Morocco, Namibia, Netherlands, Norway, Oman, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, South Africa, Spain, Sweden, Tunisia, and Zimbabwe.

The Ethics Board of One of the Largest Vendors of Police Tech (Axon) Makes the Case Against ALPRs



Automated License Plate Readers (ALPRs)—a mass surveillance technology that allows law enforcement to record the location and travel patterns of nearly every driver on the road—are poorly regulated, threaten privacy, and worsen the racial and economic inequalities already ingrained in our justice system.

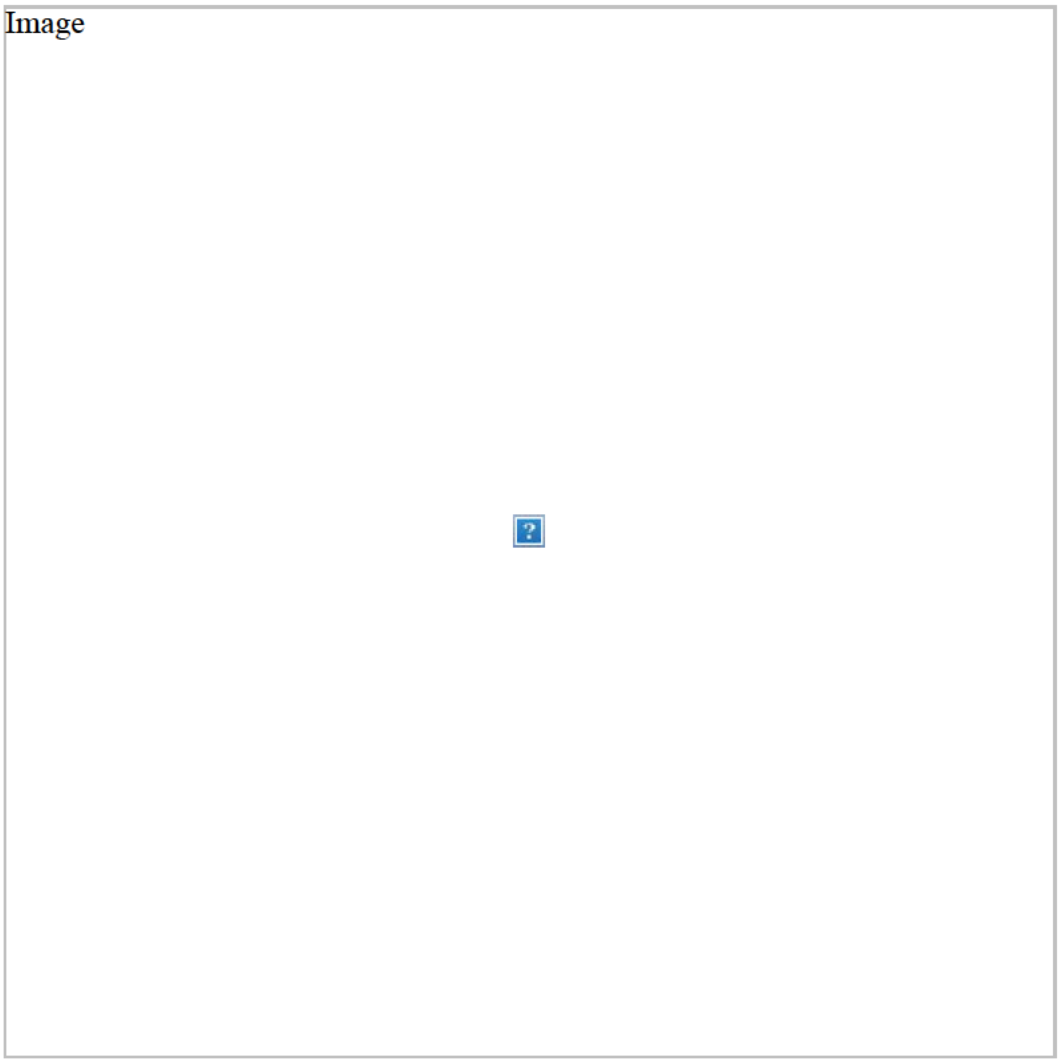
That's what EFF and other advocates have been saying for years. But now it's coming from an oversight body formed by one of the nation's largest police tech vendors.

Last week, the AI and Policing Technology Ethics Board at

Axon, a tech company best known for popularizing body-worn cameras and the Taser, released a damning report concerning the commercial sale of ALPRs. The board, whose purpose is to “help guide and advise the company on ethical issues,” concluded that while it sees the potential value of ALPRs, their current role in society is too broad and problematic. The sheer amount of information that ALPRs gather and store was also a concern for the ethics board—particularly when privately collected data is often for sale to whoever wants to buy it.

ALPR systems include cameras that can be mounted on vehicles like police patrol cars or private tow trucks, or on stationary locations such as streetlights or overpasses. These cameras capture every license plate that passes and index them based on time, date, and location. A police officer can search ALPR databases to learn where a vehicle was in the past or even get real-time alerts when a driver passes by an ALPR camera. Research by EFF, MuckRock, and others have found that even small police departments are able to collect millions of plate scans a year, and often agencies are sharing this data with hundreds of other agencies across the country. Private companies also use ALPR and sell their data to police, financial lenders, insurance companies, private investigators, and debt collectors.

Amazon's Ring is 'the Neighborhood Watch of 2020,' police say as doorbell cams proliferate



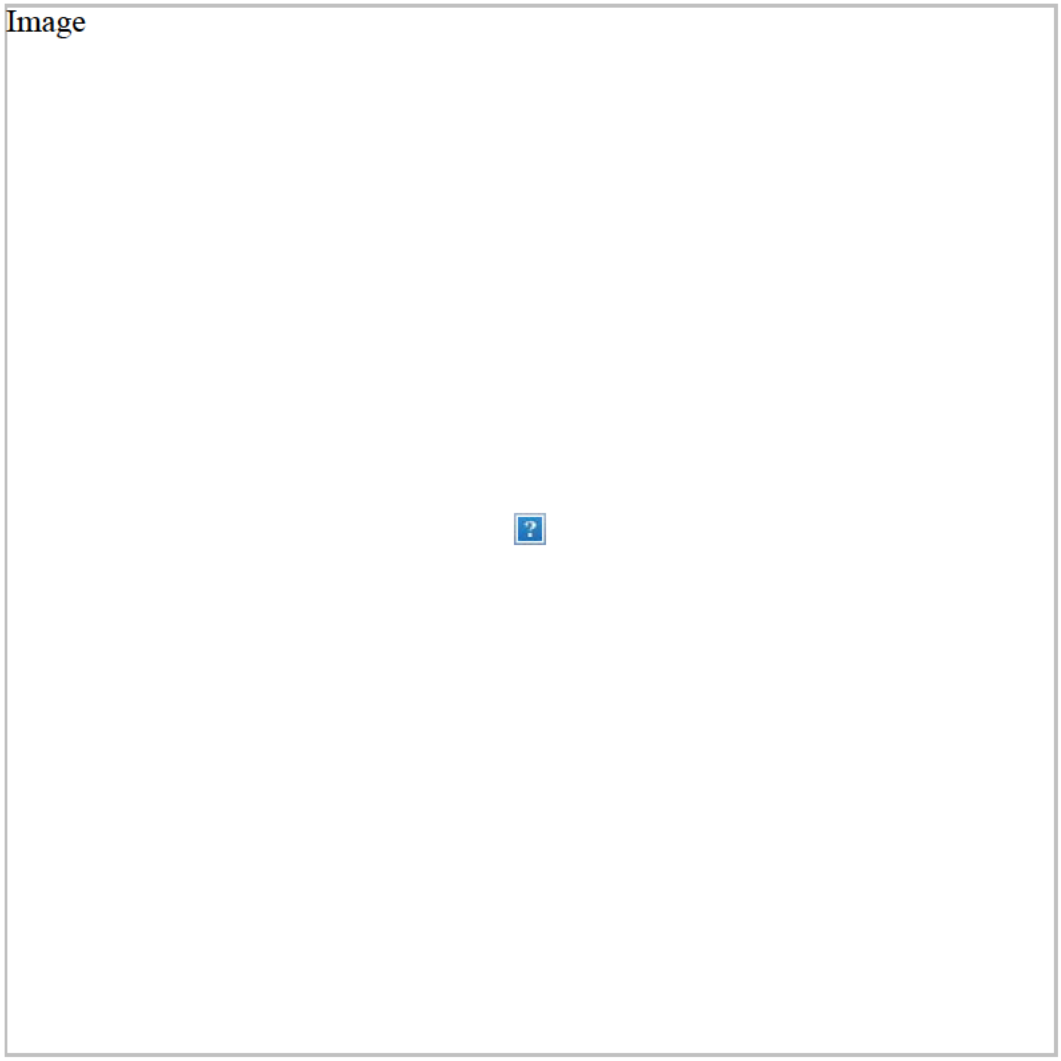
That's all it took Livonia Police to arrest a man, who hours earlier was caught on video posted on Ring's Neighbors app rummaging through the bed of a pickup parked in a driveway.

Detectives quickly recognized 60-year-old Jeffrey Couch when they saw the video posted by an app user in mid-August. Within a week, he pleaded no contest in court to two attempted larceny charges and was sentenced to 30 days in jail.

"I truly believe this is the Neighborhood Watch of 2020," said Livonia Police Capt. Ronald Taig, whose force was one of the first law enforcement agencies in Michigan — and is one of more than 400 across the country — to partner with the Ring Neighbors app, owned by Amazon.

How the deadly drug fentanyl is making its way to the US

Image



Trump administration officials are divided over part of a proposal to crack down on illicit versions of fentanyl, the deadly synthetic painkiller that President Donald Trump targeted in declaring a national opioid abuse emergency.

In an inter-agency dispute that highlights the challenges of curbing opioid abuse, the US Drug Enforcement Administration (DEA) is publicly backing tighter rules for fentanyl analogs, which are slightly altered copycat versions of the powerful drug fueling an explosion in overdoses.

In this case, the bill would cut the Food and Drug Administration out of the time-consuming review process by

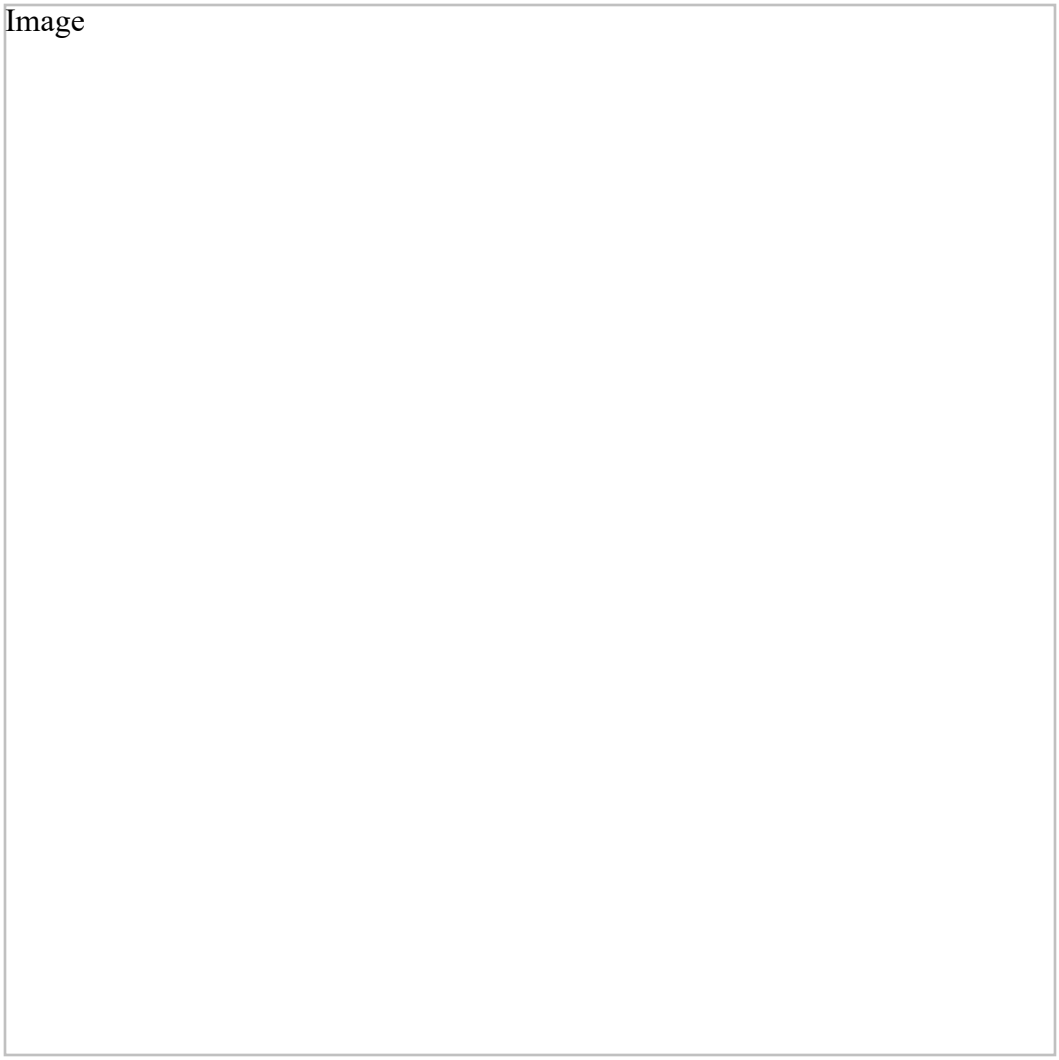
letting the DEA permanently classify illicit fentanyl analogs as Schedule I drugs, like heroin, which are deemed to be addictive with no medical use.

The DEA says these legal changes would help prosecutors keep pace with criminals who constantly churn out chemically tweaked fentanyl analogs to evade strict Schedule I regulations.

Of 70,200 US drug overdose deaths in 2017, according to the CDC, about 41% involved synthetic opioids, such as fentanyl and illicit analogs of it. Most of them are made in China.

Fentanyl, some versions of which are approved to treat cancer pain, is 100 times more potent than morphine.

Trump Orders Study of Root Causes of Crime, Policing Practices



President Trump on Monday ordered Attorney General William Barr to establish a new commission to study crime and law enforcement with the goal of recommending “actions that can be taken to prevent, reduce, and control crime, increase respect for the law, and assist victims.”

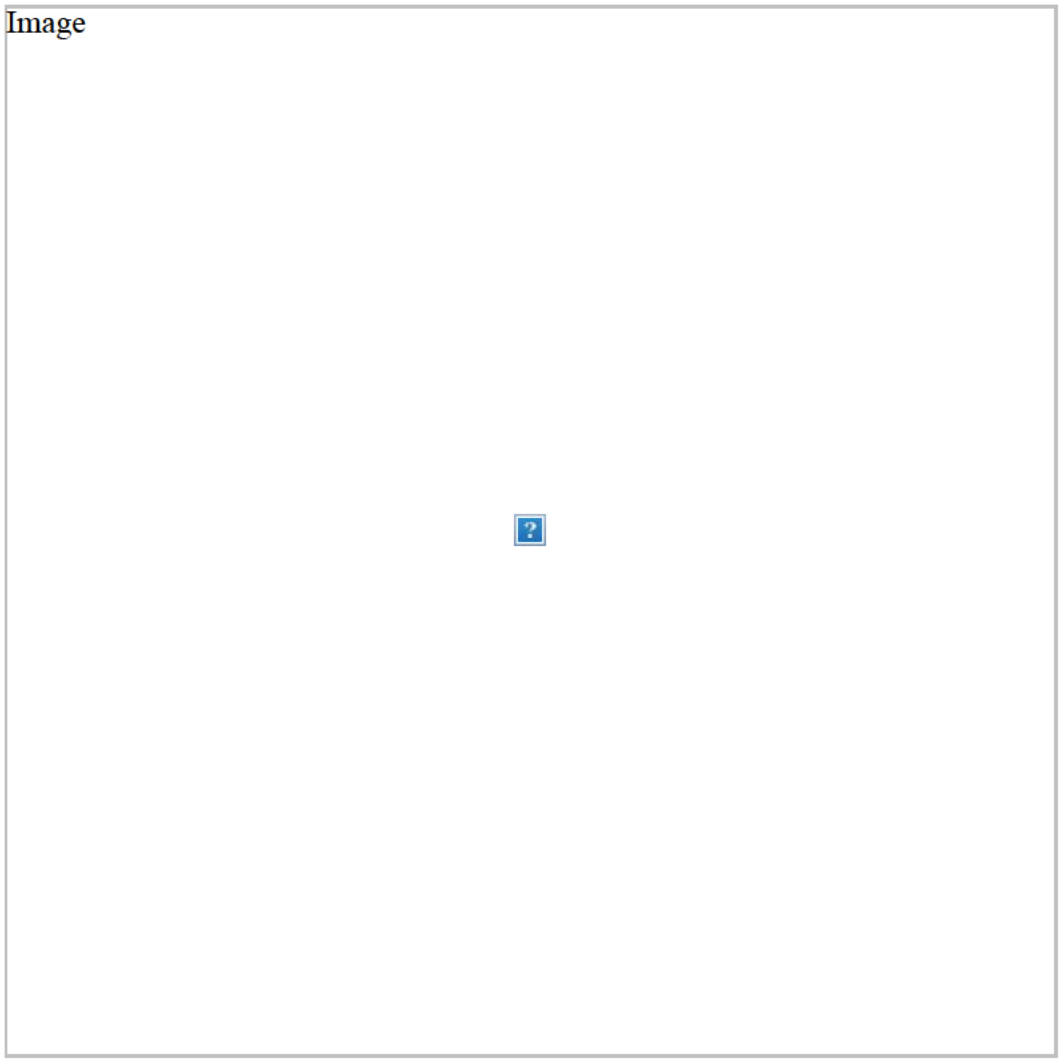
Following remarks in Chicago at the annual International Association of Chiefs of Police conference, the president signed an executive order establishing the Commission on Law Enforcement and the Administration of Justice. The commission will study the influence of substance abuse, homelessness and mental illness on crime as well as examine best practices to recruit, train and support law enforcement, among other things.

“Rigorous study of crime, including its causal factors, and current law enforcement practices is essential to assessing our

current criminal justice system's merits and opportunities for improvement," the executive order stated. "Public safety and proper policing are issues of both national and local significance that continue to require the close cooperation and coordination between the Department of Justice and state, local, and tribal law enforcement."

Quality Afterschool Programs Proven to Reduce Crime

Image



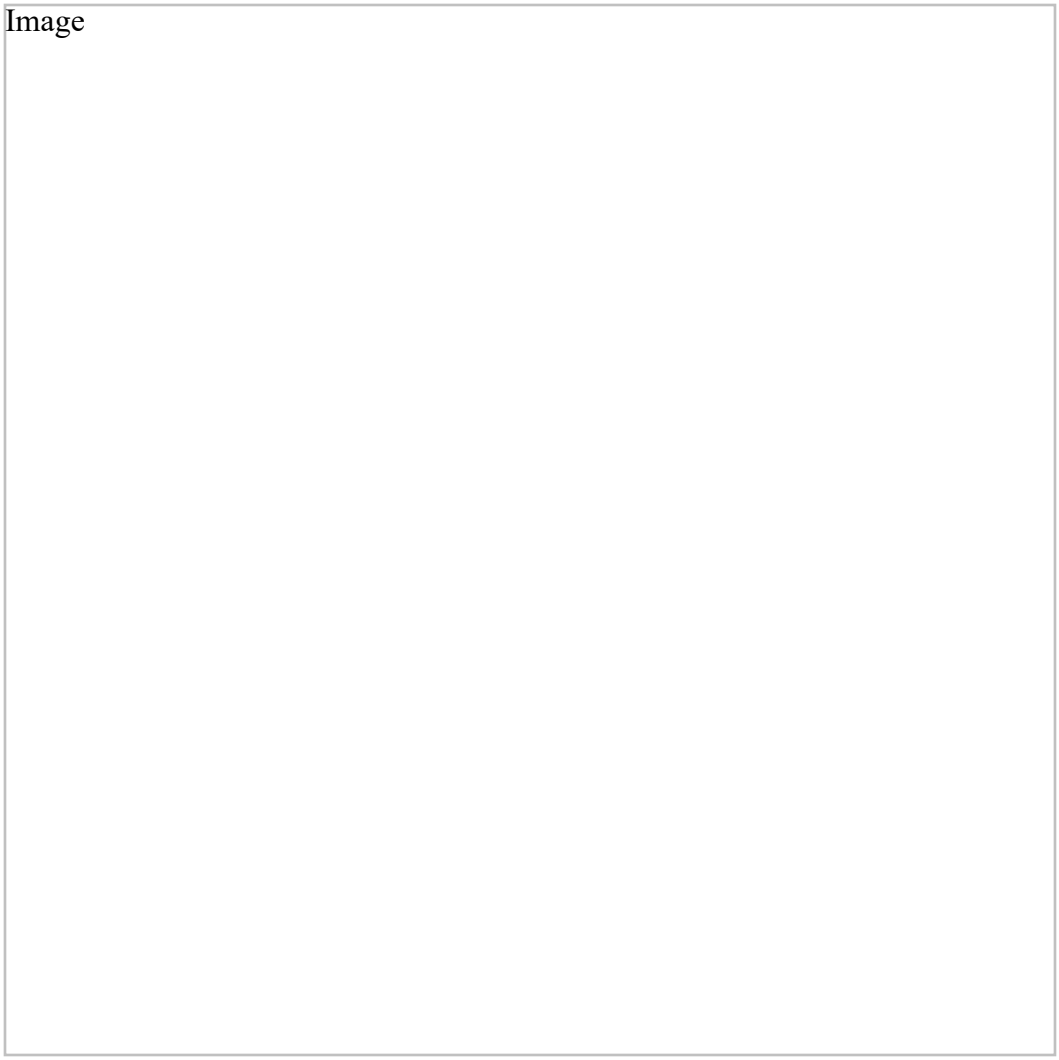
As a member of your District Attorney's Office for almost 30 years, and your DA for nearly 10, I've learned that the hours after school lets out are the prime time for juvenile crime.

It is between these hours of 2 to 6 p.m. that youth are more likely to be arrested for assault, theft and drug-related crimes.

Quality afterschool programs have been proven to reduce these crimes in our community, keep students engaged, and improve academic performance and student behavior.

A new report from Fight Crime: Invest in Kids shows that when youth have access to high-quality, affordable afterschool programming, they benefit immensely from homework help and outdoor activities, and they're less likely to commit or become victims of crime.

Australia's government is floating an idea to scan internet users' faces before they can watch porn online



Australia's Department of Home Affairs has touted an idea to use facial recognition software in order to verify internet users ages before they can access pornography or gambling websites.

In its parliamentary submission, the department says that its Document Verification Service and Face Verification Service — though broadly intended to be used as systems for fighting crime and identity theft — could also be used by police for age verification controls.

"This could assist in age verification, for example by preventing a minor from using their parent's driver licence to circumvent age verification controls," the submission states.

"Whilst they are primarily designed to prevent identity crime, Home Affairs would support the increased use of the

Document and Face Verification Services across the Australian economy to strengthen age verification processes."

Police turn to hackers in Australia's first crowdsourced attempt to find missing people

Image



For decades the traditional 'missing person' poster has been used to enlist the community's help to find individuals who may be in danger.

But with more than 2,600 Australians now listed as a "long-term" disappearance, the federal police are trying what they hope will be a more successful tactic: turning the search into a

game.

More than 350 internet sleuths and "ethical hackers" — hobbyists and professionals — gathered at 10 locations around the country on Friday in a national missing-persons "hackathon".

The aim was to generate leads for 12 of Australia's most frustrating cold cases, using sophisticated but legal methods of trawling the internet.

And organisers said the results were astounding: 100 leads were generated every 10 minutes the competing teams worked.

Police overseas have used crowdsourcing in the past for help with isolated cases, aided by these largely voluntary "open-source intelligence" (OSINT) enthusiasts.

But Linda Cavanagh, of the Canberra Cyber Security Innovation Node, said the Australian event was the first of its kind to be deployed on a national scale.

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10 of the Best Tools to Find Relevant Influencers on Social Media

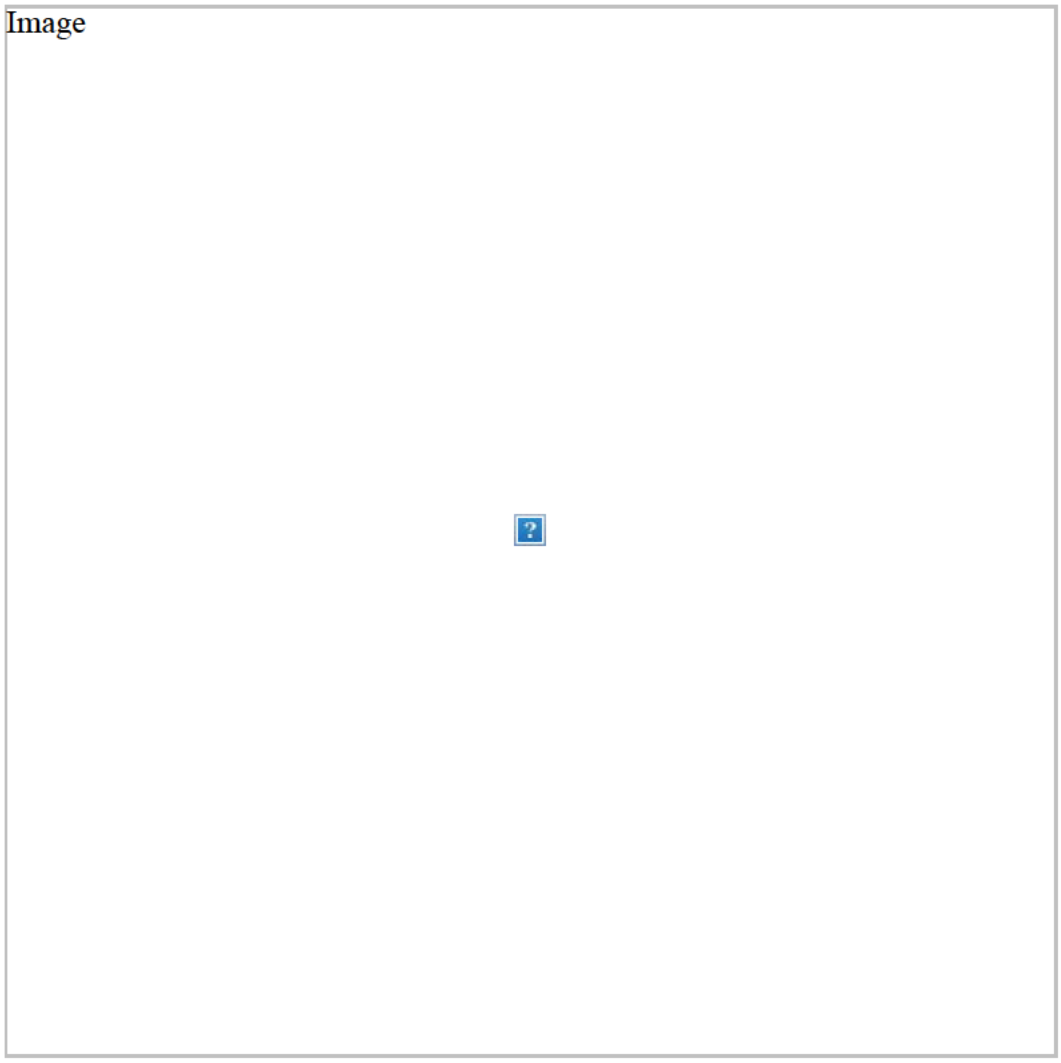
Image

While it's become a much bigger consideration in recent years, influencer marketing, as a practice, has actually existed for a very long time. In the past, however, influencers were only on TV or in magazines, and unlike social media, TV and newspapers are limited, which led to a situation where a select number of celebrities were able to charge tons of money for making an ad for Pepsi or Swatch in order to influence consumer behavior.

With the birth of social platforms, everything changed. The Internet has no limits, there can be as many influencers as the world requires. They can be of any age and social status, and in any area of expertise (or no area of expertise). And they can work with any brand.

How Your Volunteering Trip Could Contribute To Human Trafficking

Image



The advent of cheap air travel and Instragammable holiday photos, combined with a longing for meaning, has created a new breed of traveler: the voluntourist. This ever-growing trend describes people, most often young and affluent Westerners, who travel to the global South to help with community projects.

While no doubt sweetly intentioned, there is considerable concern over the fad of “voluntourism” and whether it does more harm than good for the communities in developing countries – especially when it involves children or work at an orphanage. On the surface of the problem, it’s questionable whether treating the developing world as a playground is an effective model to address systemic poverty and care for vulnerable children.

An anthropological study published in the Journal of Sustainable Tourism has shown how volunteer programs can actually contribute towards a superficial understanding of poverty that distracts from the larger systems that produce inequality and poverty. Through a series of in-depth interviews with young people from the US who volunteered in Malawi, they found their volunteer work was often carried out through a colonial and “mythologized” image of a helpless Africa needing the benevolence of the West. The volunteers also viewed African poverty in terms of the “American Dream” and the idea of pulling oneself out of poverty through hard work, as opposed to deep-rooted economic, social, and historical factors at play.



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If you have an article you would like to see featured in this publication please contact Brian Gray at intelligenceanalysis@mac.com

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1825 Bell Street - Suite 205, Sacramento, CA 95825

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This email was sent to kerra.huchowski@pol.state.ma.us.

Click here to view the online version.

From: mark.frenzo@pol.State.MA.US
To: Huchowski, kerra (POL)
Bcc: Frenzo, Mark (POL)
Subject: Re: A Publication of the LEIU Executive Board - The Source
Date: Thursday, October 31, 2019 2:15:06 PM

Thanks Kerra

Sent from my iPhone
Detective Lieutenant MR Frenzo #2177
Unit Commander
SSS / Organized Crime Unit
Massachusetts State Police

On Oct 31, 2019, at 7:44 AM, Huchowski, kerra (POL) <kerra.huchowski@pol.state.ma.us> wrote:

> Good Morning,
>
> Listed below are various different articles about organized crime, including one about the Las Vegas Mafia. Other articles stem around OC in Asia, Canada and of course El Chapo and drugs. Happy reading and Happy Halloween!
>
> I will be in DC next week.
>
> -Kerra
>
> ---
>
> **From:** Association Of Law Enforcement Intelligence Units (LEIU) [mailto:LEIU@doj.ca.gov]
> **Sent:** Wednesday, October 30, 2019 8:31 AM
> **To:** Huchowski, kerra (POL) <kerra.huchowski@pol.state.ma.us>
> **Subject:** A Publication of the LEIU Executive Board - The Source

Image

The LEIU Source is a weekly news publication brought to you by the LEIU Executive Board.

Each Wednesday, we share with you a few of the articles or intelligence-based publications that have come across our desk. We are exicted to see, each week, Law Enforcement Officers, Analysts and Administrators from around the world reading this.

If you have a publication or an article that you feel needs to be shared, please send these to IntelligenceAnalysis@mac.com for review.

If you feel others at your department would benefit from receiving this publication, please forward this email. At the bottom of this publication is a link where they can add their email to the distribution list.

Wednesday 10/30/19

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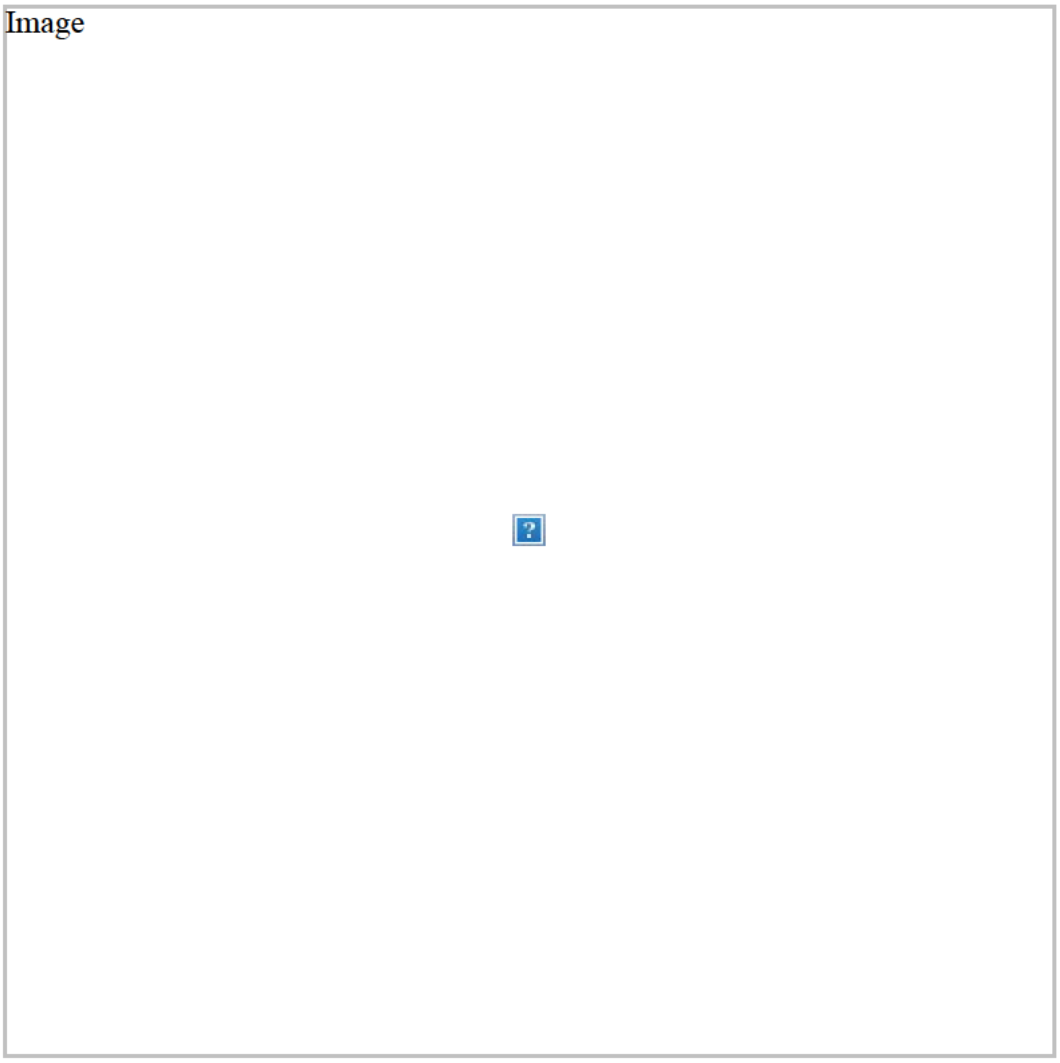
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Click Here For LEIU 20/20 Flyer

BAE wins open source intelligence

contract from the Army



The Army has awarded BAE Systems a $437 million task order for open source intelligence support, the company announced Oct. 15 during the 2019 Association of the United States Army conference.

As part of the task order, BAE Systems will provide the Army and Army Intelligence & Security Command (INSCOM) approved partners with open source solutions to publicly available data.

“We’re proud to continue to partner with the U.S. Army and support their critical national security missions with this new capability,” Peder Jungck, vice president and general manager of BAE Systems’ intelligence solutions business.

The company won the initial award of the five-year task order and began ramping up in August, Jungck said. The task order is an extension of projects the company has been doing for the

Army, but this is the first time the work been consolidated and awarded as a larger contract, he explained.

“If you look at contracts in general around OSINT there’s been kind of small ones, there’s been lots of pilots out of agencies and even within the Army and throughout INSCOM there were different kind of brigades and battalions that had their own set of tools," he said. "This is one of the first of the really large OSINT and AI consolidation contracts. I don’t think anybody’s really had a large one like this.”

Calif. police stand by cop after video released in 2017 OIS of murder suspect

Image

FRESNO, Calif. — Community activists are expressing outrage after seeing video footage that shows a Fresno police sergeant fatally shooting an unarmed 16-year-old boy as he fled during a

foot pursuit.

Meanwhile, the local police union and supporters of law enforcement have stepped up in support of the sergeant, saying he acted within guidelines while pursuing a murder suspect.

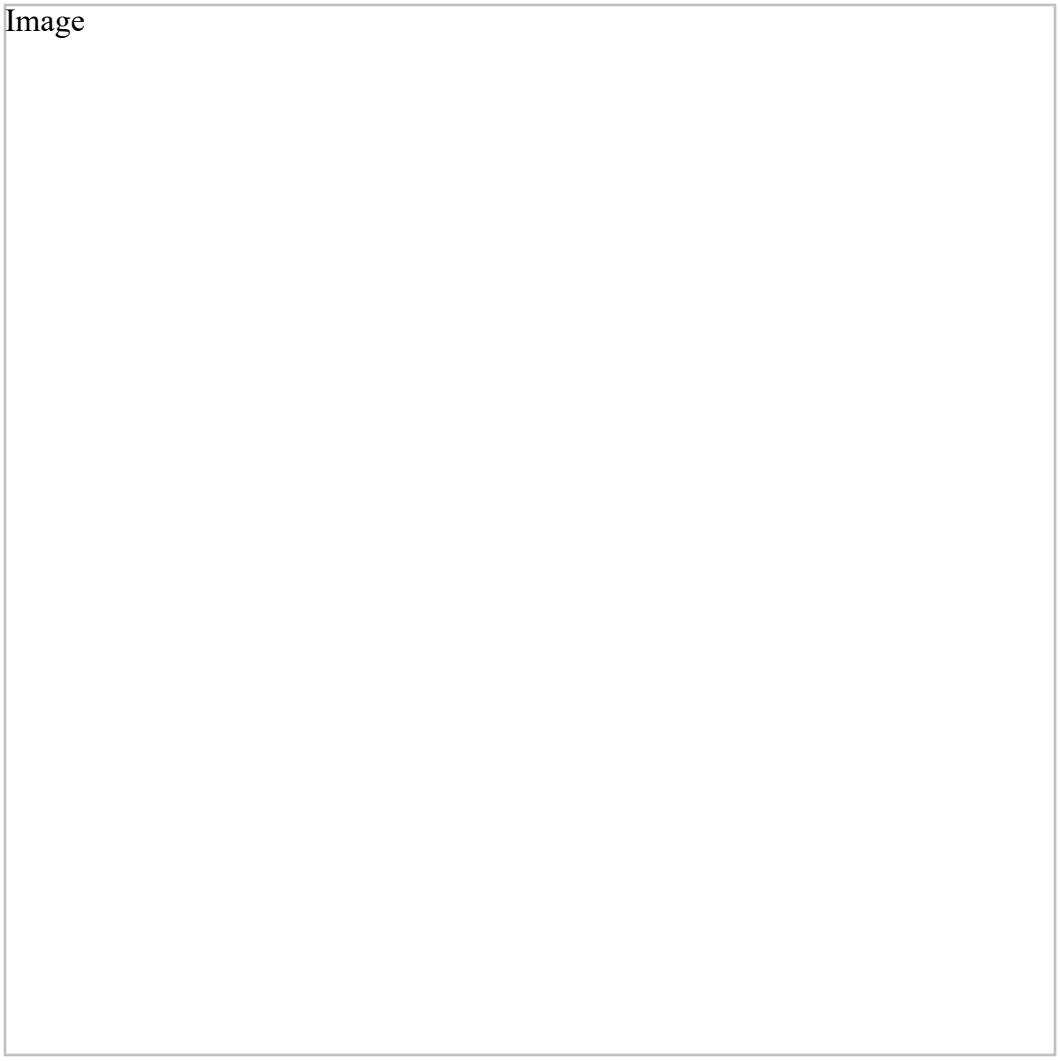
The footage shows Sgt. Ray Villalvazo firing a single shot into the back of Isiah Murrietta-Golding's head, according to a lawsuit filed on behalf of the teen's family.

The video was captured on a surveillance camera at a daycare facility on April 14, 2017, and was released by attorney Stuart Chandler, who's representing the family of Murrietta-Golding. The boy's family alleges the sergeant used excessive and unlawful deadly force, and committed assault and battery with negligence.

Additionally, in footage released from a police officer's body camera, one officer is heard shouting "good shot" as officers handcuff and search the already prone Murrietta-Golding.

Asia has an organized-crime problem. Canada is well placed to help

Image



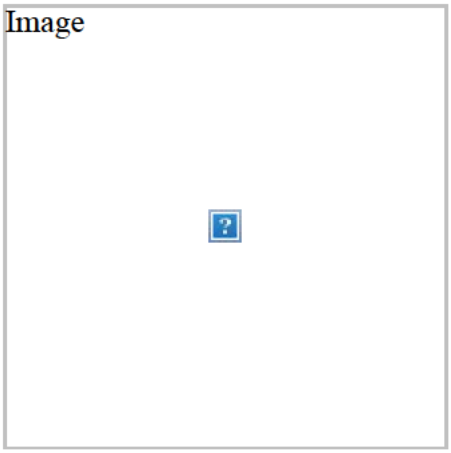
Jeremy Douglas is the regional representative for the United Nations Office on Drugs and Crime (UNODC) for Southeast Asia and the Pacific and a former UNODC representative for Pakistan. The opinions expressed in this commentary are his.

More than a few eyebrows went up last week when Tse Chi Lop – a 55-year-old Canadian man – was accused of being arguably the biggest drug trafficker in the history of Asia.

Mr. Tse is suspected – by police in Myanmar, Australia and Taiwan, and by the United Nations Office on Drugs and Crime (UNODC) – of being the leader of Sam Gor, or Brother Number Three, a supersyndicate largely responsible for the dramatic shift in recent years in organized crime away from drugs such as heroin and toward synthetics, such as methamphetamine, ketamine and fentanyl. It's a shift that has been driven by control and profit, since synthetics offer many advantages to

criminal organizations: Labs can be quickly set up or moved; they are not subject to external conditions such as climate, nor do they require large work forces; and production can be rapidly scaled up to drive the market. Put these things together and it means the disruption of the traditional drug business and the heavily concentrated profits that come with it.

Florida Senator Rick Scott Announces Legislation To Address 'FBI Failures' Regarding Parkland Shooting



MIAMI (CBSMiami) – Florida Senator Rick Scott announced legislation Thursday to hold the Federal Bureau of Investigations accountable for its 'failures to address critical deficiencies in its handling of actionable intelligence' in regards to the mass shooting at Marjory Stoneman Douglas High School in 2018.

The 'Threat Information Protocol for Sharing (TIPS) Act' is supported by Stand with Parkland, an organization founded by the family members of the victims of the Parkland shooting.

"Not a day goes by that I don't think about the 17 souls that were taken from us in a brutal act of violence at Marjory Stoneman Douglas High School. Following the tragedy, we all worked together to pass the Marjory Stoneman Douglas High School Public Safety Act to make our schools safer and prevent future tragedies, but we aren't finished. We cannot

accept the repeated failures of the FBI to properly investigate and act on specific tips received about the Parkland shooter, as well as other perpetrators of mass violence in Florida. I'm proud to stand with the family members of the victims to announce the TIPS Act, which bridges the gap between federal and state law enforcement agencies by mandating information sharing of all state-specific criminal intelligence tips. This is about getting information on threats into the hands of the right people, who can ultimately prevent violence and protect our families," Scott said.

Majority of Mexicans Say Organized Crime Stronger than Government after El Chapo's Son Released

Image

A majority of Mexicans see organized crime as more powerful than the Mexican government after government forces capitulated to drug-cartel strongmen and released the son of the former cartel leader Joaquín Guzmán, known as “El Chapo.”

About 56 percent of Mexicans say they believe organized crime is stronger, while only 33 percent say the government is stronger, according to a poll by the Mexican newspaper Reforma.

Mexican authorities were forced on Thursday to release Ovidio Guzmán López, El Chapo’s son, shortly after capturing him, when the Sinaloa cartel laid siege to the city of Culiacán and surrounded Mexican troops, taking eight soldiers hostage. Officials said at least 14 people died during the clashes between cartel members and Mexican soldiers.

49 percent of respondents in the Reforma poll disagreed with the decision to release López, while 45 percent said they supported it. Residents of Culiacán expressed relief that the government had surrendered, saying the decision prevented further violence.

Mexican lawmen get FBI training to combat organized crime, terrorism

Image

JUAREZ, Mexico — Three Chihuahua state lawmen recently completed intelligence and intervention training courses sponsored by the FBI, according to the State Security Commission.

Alvaro Serrano Escobedo, the commission's operations

director, received training on anti-terrorism, intelligence gathering, leadership and the combat of organized crime at FBI headquarters in Quantico, Virginia. The training is part of the FBI's Mexican Law Enforcement Executive Development (MEXLEED) program, the commission said in a news release.

Ginés Jaime Ruiz García, first officer of the Chihuahua State Police, and Jesús Alejandro Cruz Rangel, who heads rural operations for the agency, attended the FBI's Mexican American Liaison and Law Enforcement Training (MALLET) program in South Padre Island, Texas, the commission said.

The three lawmen were among 30 duly vetted Mexican officials chosen by the FBI for training this year, the commission said.

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63 accused drug dealers plead guilty in heroin, fentanyl and cocaine trafficking rings

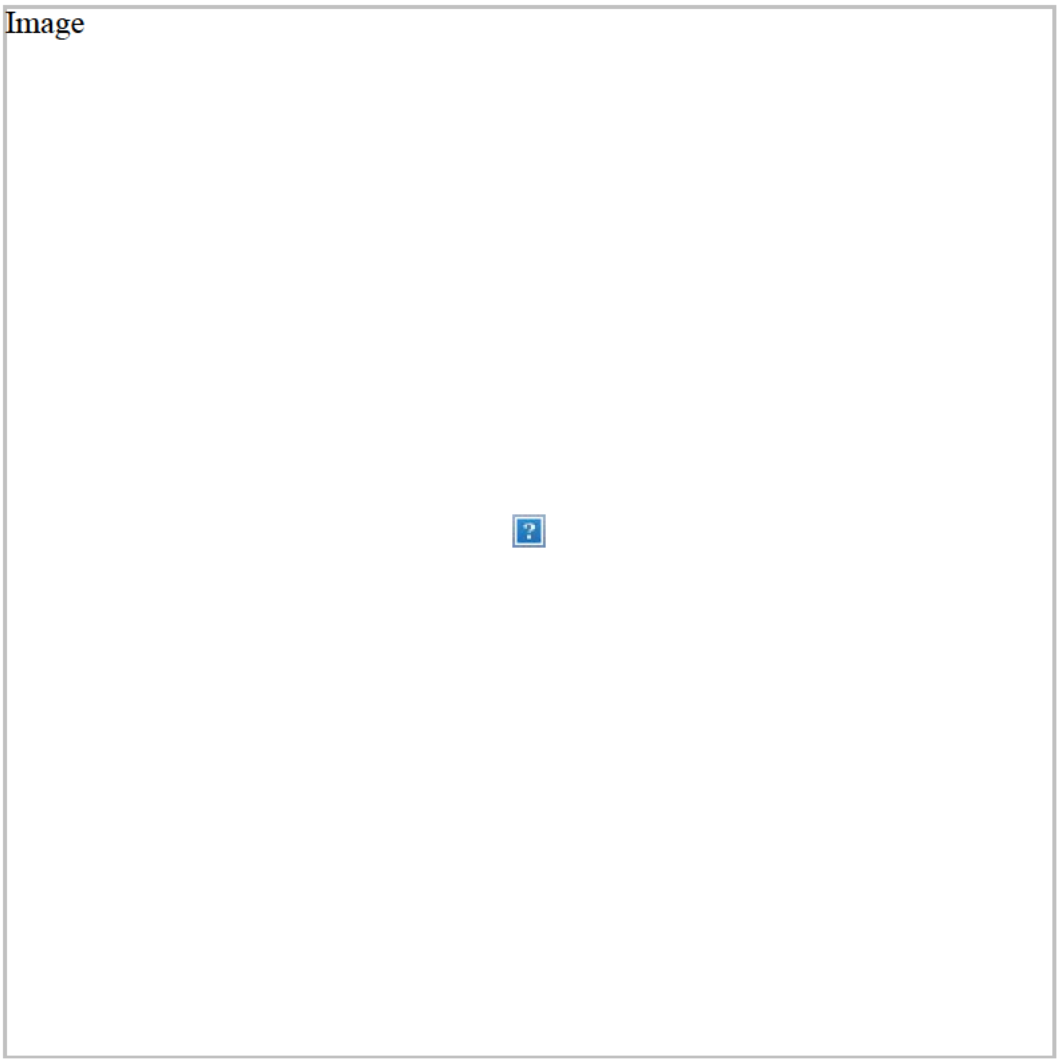
Image

SYRACUSE — New York State Attorney General Letitia James has announced the guilty pleas of 63 people for their roles in two major narcotics trafficking operations that transported heroin, fentanyl, and cocaine to Onondaga, St. Lawrence, Oswego, Oneida, and Jefferson counties.

The investigation resulted in the recovery of approximately 4,700 bags of heroin and fentanyl, worth approximately $140,000, and approximately 2 kilograms of cocaine, worth more than $200,000, according to a news release from the Attorney General's office.

"These individuals flooded our communities with dangerous drugs that are putting New Yorkers at great risk," said Attorney General Letitia James in the news release.

House bill would give border agents tool to detect synthetic opioids



A bill that would give U.S. Customs and Border Protection (CBP) agents the equipment to detect synthetic opioids has been introduced in the U.S. House.

The DHS Opioid Detection Resilience Act of 2019 requires the Commissioner of CBP to procure chemical screening devices that allow border patrol agents to identify narcotics, including synthetic opioids, with purity levels of less than 10 percent. A 2018 study by the Drug Enforcement Administration (DEA) found that most fentanyl seized at the southwest border tends to be less than 10 percent pure. These changes would fill the gap that currently exists in identifying these synthetic opioids.

“Stopping the flow of illegal drugs across our southern border and at ports of entry is a top priority for our CBP law enforcement officers. This includes fentanyl and other synthetic opioids that can be difficult to detect. Our legislation ensures that DHS has the necessary equipment to detect synthetic opioids and the ability to adapt as smuggling methods evolve. We want to prevent this poison from ever reaching American communities, and our bill helps law enforcement carry out that mission,” Rep. Clay Higgins (R-LA), the bill’s sponsor, said.

Teens brawl with police in Brooklyn subway station

Image

BROOKLYN, N.Y. – A video showing members of the NYPD

trying to break up a fight and instead ending up in an all-out brawl with a mob of New Yorkers has gone viral… and media outlets were quick to condemn the cops who were involved.

The Post said that the incident unfolded on Saturday morning around 2:30 a.m. as officers responded to the scene of a fight on the platform of a subway station. The fights had originally began up on Jay Street between two groups of people before the violence spilled down into the station.

Cell phone video captured at the scene shows officers rush into the area and try to pull the brawling teens apart, attempting to put one of the suspects in handcuffs. Other individuals on the outside of the skirmish appear to be pulling the officers away.

The heartbreaking final text this human trafficking victim sent before dying in UK truck

Image

A 26-year-old Vietnamese woman texted her mom frantically that she was suffocating in the truck in which the bodies of 39 people were found in England — and apologized that her journey to a better life ended tragically, according to a report.

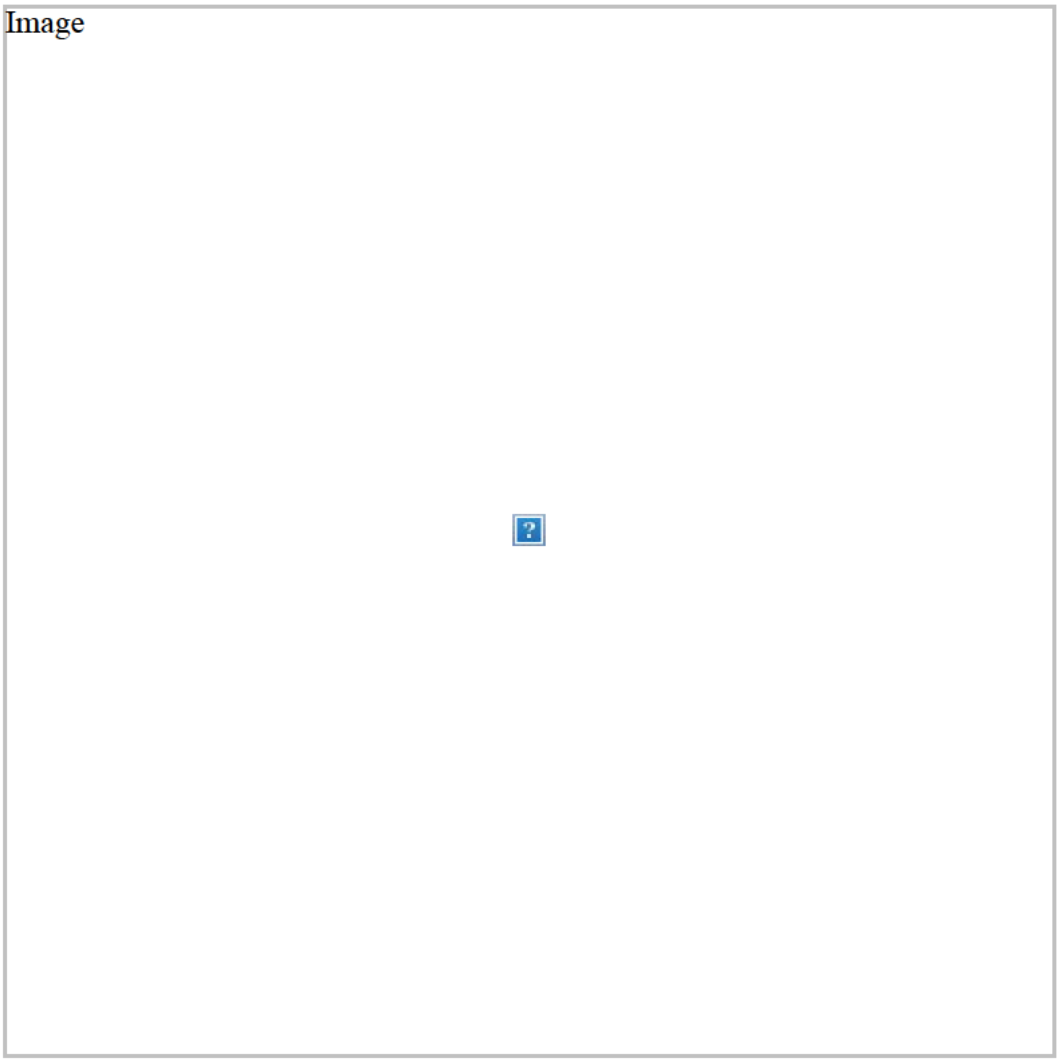
“I’m sorry Mom, my path to abroad didn’t succeed,” Pham Thi Tra My wrote in a series of messages about 10:30 p.m. Tuesday, according to the Mirror.

“Mom, I love you and Dad so much! I’m dying because I can’t breathe,” she added.

News about the young woman’s final moments emerged as two more people were arrested after eight women and 31 men were found dead Wednesday in a case that has shocked Britain and made headlines around the world.

Labor Trafficking Is A Crime You Probably Don't Notice

Image



It has been more than four years since Catherine Piedad called 911 from a $1.7 million home in Newton.

In 2015, she worked long hours to care for a Russian family's young twins. Her passport was taken, and she slept in a small room with little light and nowhere to store her clothes. When she asked to be paid, her employer threatened to send her back to the Philippines. She feared deportation and did not know who to trust.

Despite her fear, she called 911. Law enforcement helped her

to leave the family's home but did little else. They did not see her case as "labor trafficking." Instead, the incident was labeled a "labor dispute." Piedad struggled to access her rights — despite the robust federal and state laws designed to protect her.

You've probably heard of sex trafficking, which often involves perpetrators who force, trick or coerce victims into sexual servitude. Although difficult to see, sex trafficking is often visible to law enforcement through the internet: perpetrators sometimes leave a footprint online, which can provide a critical entry point for criminal investigations.

The Mafia's history in Las Vegas: From Bugsy Siegel to Anthony Spilotro

Image

Benjamin “Bugsy” Siegel had been at the helm of the Flamingo for only six months in June 1947 when he was killed in a hail of gunfire at his girlfriend’s Beverly Hills, Calif., home.

But his vision for the Flamingo, the first resort-style hotel on the Strip, was the beginning of a 50-year relationship between Las Vegas and traditional organized crime that helped define “Sin City”and turn it into one of the world’s top tourist destinations.

“The general perception on the part of the public is that Las Vegas and the mob have been inextricably linked, and I don’t think it will ever be extricated,” former longtime state archivist Guy Rocha says.

Groundbreaking books such as “The Green Felt Jungle” in 1963, which revealed the mob’s early grip on the city, and popular movies such as “The Godfather” in 1972 and “Casino” in 1995 enhanced this perception through the years.

So did the buzz on the Strip over the Rat Pack, led by headliner Frank Sinatra and his associations with high-profile underworld figures.

New Bill To Bring Illegal Gambling In California Closer To An End

Image

Gambling in the US, as well as in the whole world, is one of the most entertaining and lucrative endeavors. Not only does it provide fun and joy to the players, but it also offers an opportunity to make a fortune.

The gambling operators all around the world are doing everything they can to attract new customers. From online free spins for Australians to no deposit bonuses and other promotions in other countries, casino operators are full of such impressive offers.

However, the industry isn't just this fairy-tale source of joy and money. It also has its drawbacks. With problem gambling, organized crime, and money laundering prospects, gambling has long been considered threatening to society.

That's the reason why the US government, alongside other

governments worldwide, have been eager to put the industry under the limitations and protect the interests of their citizens. With the regulatory restrictions and measures, the government officials have deemed ill-gotten gains illegal and contributed to ending gambling-related crime.

Best true-crime books of all time

Image



Terrifying tales are not the domain of fiction alone. If you are in search of bone-chilling scares, we recommend you turn to true crime. The key word being true. That's right, no imagination needed. Including stories about such horrific figures as Charles Manson and Ted Bundy, Goodreads compiled a list of the top 10 true-crime books

of all time based on the lists, reviews and ratings of their more than 90 million members.
AP

How a Facebook Crime Page Led to Arrest of N.C. Woman in Cold Case Killing of Sister-in-Law

Image

A Facebook page devoted to the murdered, missing or miscreant residents of western North Carolina is being credited with helping authorities bring charges in the 15-year-old cold-case killing of a missing mom of four, allegedly at the hands of her sister-in-law.

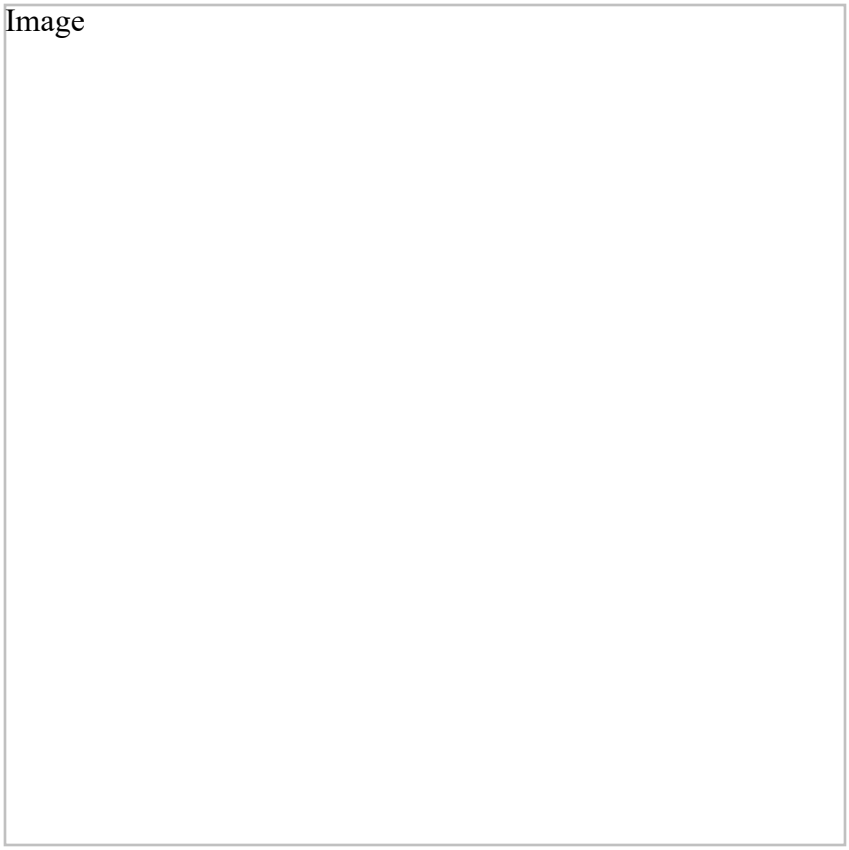
The tip that led authorities to a “shallow grave” containing the remains believed to be those of 29-year-old Deborah Elaine Deans “proved to be very accurate and very reliable,” Nash County Sheriff Keith Stone told reporters last week.

But the tipster did not go to police at first.

Instead, the unidentified person sent information about the alleged crime to a woman who created and runs a Facebook page called Fighting Crime News and Who’s Wanted, an online outlet whose updates range from wanted posters to promotions of local elections and warnings about traffic tie-ups.

On October 20, a re-post about the unsolved missing-person case of Deans — who was last seen around 9 a.m. on January 19, 2004, at a residence on Wiley Road in Spring Hope — elicited a “very detailed” response that was forwarded to authorities by the Facebook page creator, said Nash.

Google Maps Adds ability to see speed limits and speed traps in 40+ countries

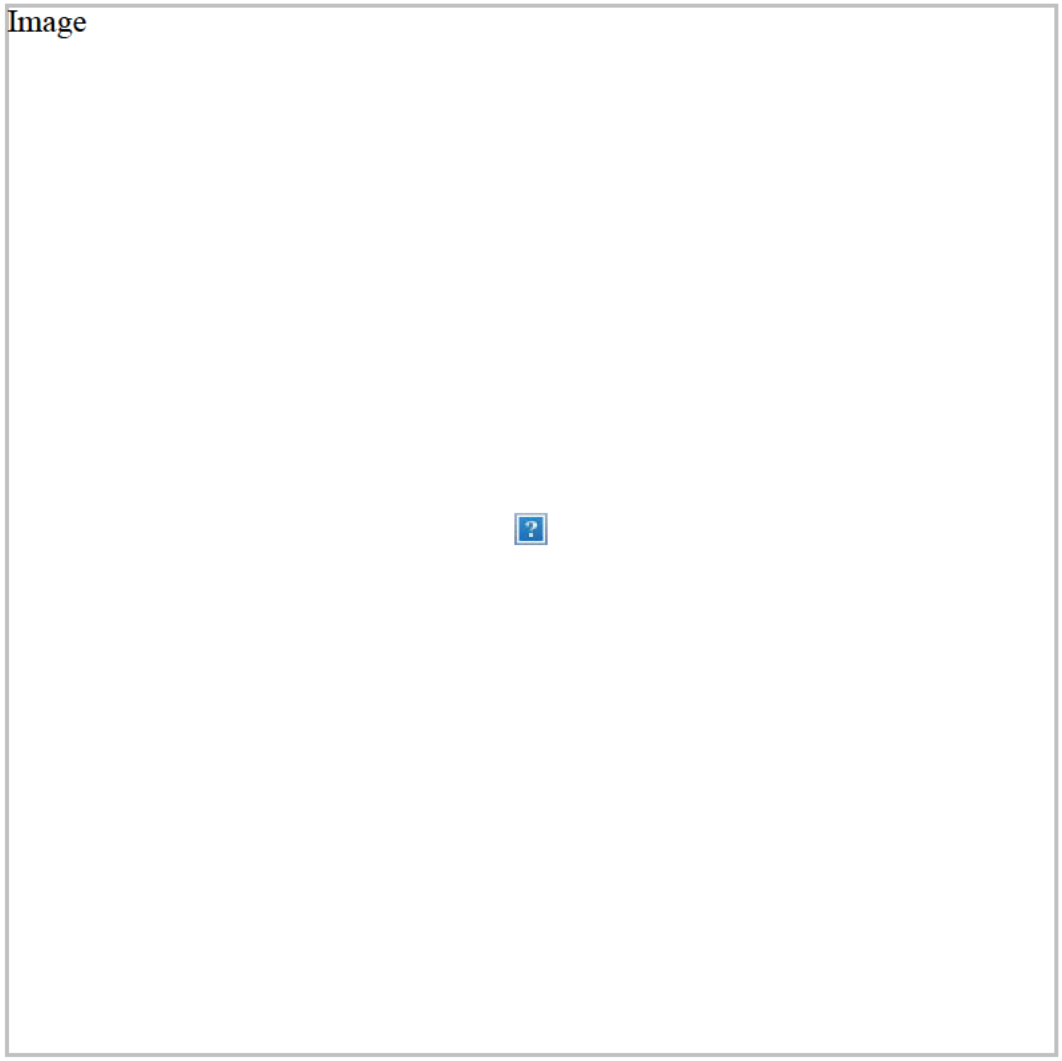


Google Maps is gaining some features previously exclusive to Google's navigation app, Waze. The company confirmed it's rolling out the ability for Google Maps users to see speed limits, speed cameras and mobile speed cameras in more than 40 countries worldwide — an expansion of its earlier launch of these features, which were previously limited to select markets.

The change was noted earlier by ZDNet and, of course, Reddit.

Google confirmed with TechCrunch the full list of supported countries now seeing the speed cameras, which currently includes: Australia, Brazil, U.S., Canada, U.K., India, Mexico, Russia, Japan, Andorra, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, Greece, Hungary, Iceland, Israel, Italy, Jordan, Kuwait, Latvia, Lithuania, Malta, Morocco, Namibia, Netherlands, Norway, Oman, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, South Africa, Spain, Sweden, Tunisia, and Zimbabwe.

The Ethics Board of One of the Largest Vendors of Police Tech (Axon) Makes the Case Against ALPRs



Automated License Plate Readers (ALPRs)—a mass surveillance technology that allows law enforcement to record the location and travel patterns of nearly every driver on the road—are poorly regulated, threaten privacy, and worsen the racial and economic inequalities already ingrained in our justice system.

That's what EFF and other advocates have been saying for years. But now it's coming from an oversight body formed by one of the nation's largest police tech vendors.

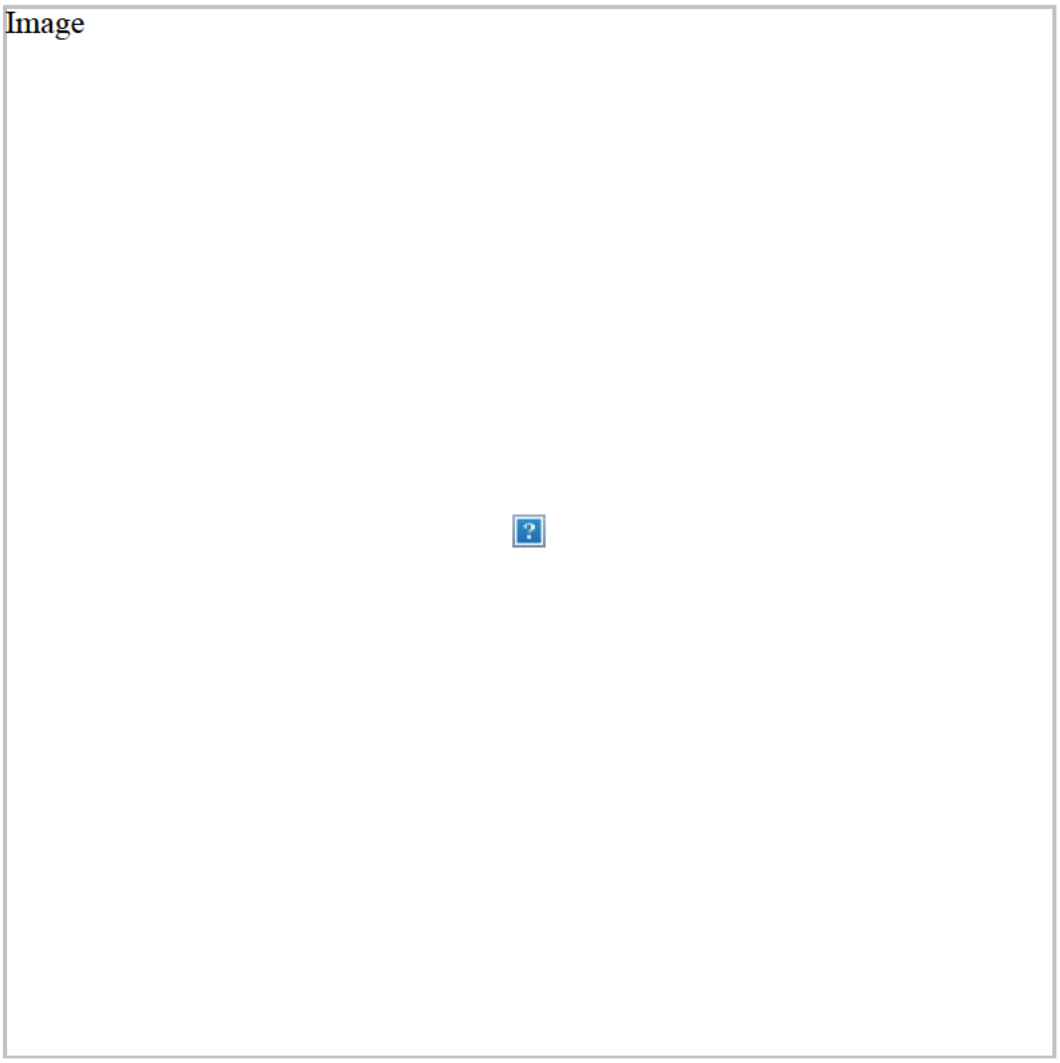
Last week, the AI and Policing Technology Ethics Board at

Axon, a tech company best known for popularizing body-worn cameras and the Taser, released a damning report concerning the commercial sale of ALPRs. The board, whose purpose is to “help guide and advise the company on ethical issues,” concluded that while it sees the potential value of ALPRs, their current role in society is too broad and problematic. The sheer amount of information that ALPRs gather and store was also a concern for the ethics board—particularly when privately collected data is often for sale to whoever wants to buy it.

ALPR systems include cameras that can be mounted on vehicles like police patrol cars or private tow trucks, or on stationary locations such as streetlights or overpasses. These cameras capture every license plate that passes and index them based on time, date, and location. A police officer can search ALPR databases to learn where a vehicle was in the past or even get real-time alerts when a driver passes by an ALPR camera. Research by EFF, MuckRock, and others have found that even small police departments are able to collect millions of plate scans a year, and often agencies are sharing this data with hundreds of other agencies across the country. Private companies also use ALPR and sell their data to police, financial lenders, insurance companies, private investigators, and debt collectors.

Amazon's Ring is 'the Neighborhood Watch of 2020,' police say as doorbell cams proliferate

Image



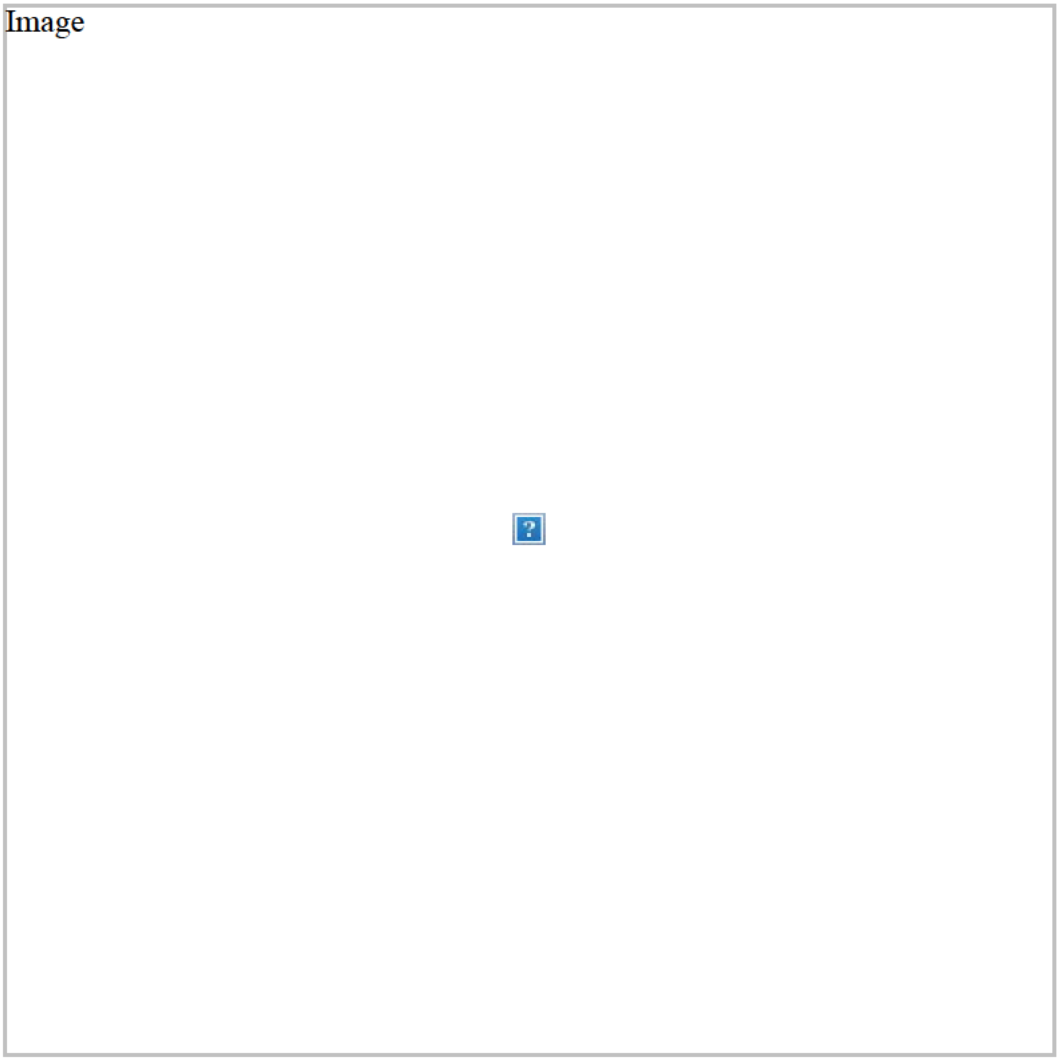
That's all it took Livonia Police to arrest a man, who hours earlier was caught on video posted on Ring's Neighbors app rummaging through the bed of a pickup parked in a driveway.

Detectives quickly recognized 60-year-old Jeffrey Couch when they saw the video posted by an app user in mid-August. Within a week, he pleaded no contest in court to two attempted larceny charges and was sentenced to 30 days in jail.

"I truly believe this is the Neighborhood Watch of 2020," said Livonia Police Capt. Ronald Taig, whose force was one of the first law enforcement agencies in Michigan — and is one of more than 400 across the country — to partner with the Ring Neighbors app, owned by Amazon.

How the deadly drug fentanyl is making its way to the US

Image



Trump administration officials are divided over part of a proposal to crack down on illicit versions of fentanyl, the deadly synthetic painkiller that President Donald Trump targeted in declaring a national opioid abuse emergency.

In an inter-agency dispute that highlights the challenges of curbing opioid abuse, the US Drug Enforcement Administration (DEA) is publicly backing tighter rules for fentanyl analogs, which are slightly altered copycat versions of the powerful drug fueling an explosion in overdoses.

In this case, the bill would cut the Food and Drug Administration out of the time-consuming review process by

letting the DEA permanently classify illicit fentanyl analogs as Schedule I drugs, like heroin, which are deemed to be addictive with no medical use.

The DEA says these legal changes would help prosecutors keep pace with criminals who constantly churn out chemically tweaked fentanyl analogs to evade strict Schedule I regulations.

Of 70,200 US drug overdose deaths in 2017, according to the CDC, about 41% involved synthetic opioids, such as fentanyl and illicit analogs of it. Most of them are made in China.

Fentanyl, some versions of which are approved to treat cancer pain, is 100 times more potent than morphine.

Trump Orders Study of Root Causes of Crime, Policing Practices

Image

President Trump on Monday ordered Attorney General William Barr to establish a new commission to study crime and law enforcement with the goal of recommending “actions that can be taken to prevent, reduce, and control crime, increase respect for the law, and assist victims.”

Following remarks in Chicago at the annual International Association of Chiefs of Police conference, the president signed an executive order establishing the Commission on Law Enforcement and the Administration of Justice. The commission will study the influence of substance abuse, homelessness and mental illness on crime as well as examine best practices to recruit, train and support law enforcement, among other things.

“Rigorous study of crime, including its causal factors, and current law enforcement practices is essential to assessing our

current criminal justice system's merits and opportunities for improvement," the executive order stated. "Public safety and proper policing are issues of both national and local significance that continue to require the close cooperation and coordination between the Department of Justice and state, local, and tribal law enforcement."

Quality Afterschool Programs Proven to Reduce Crime

Image

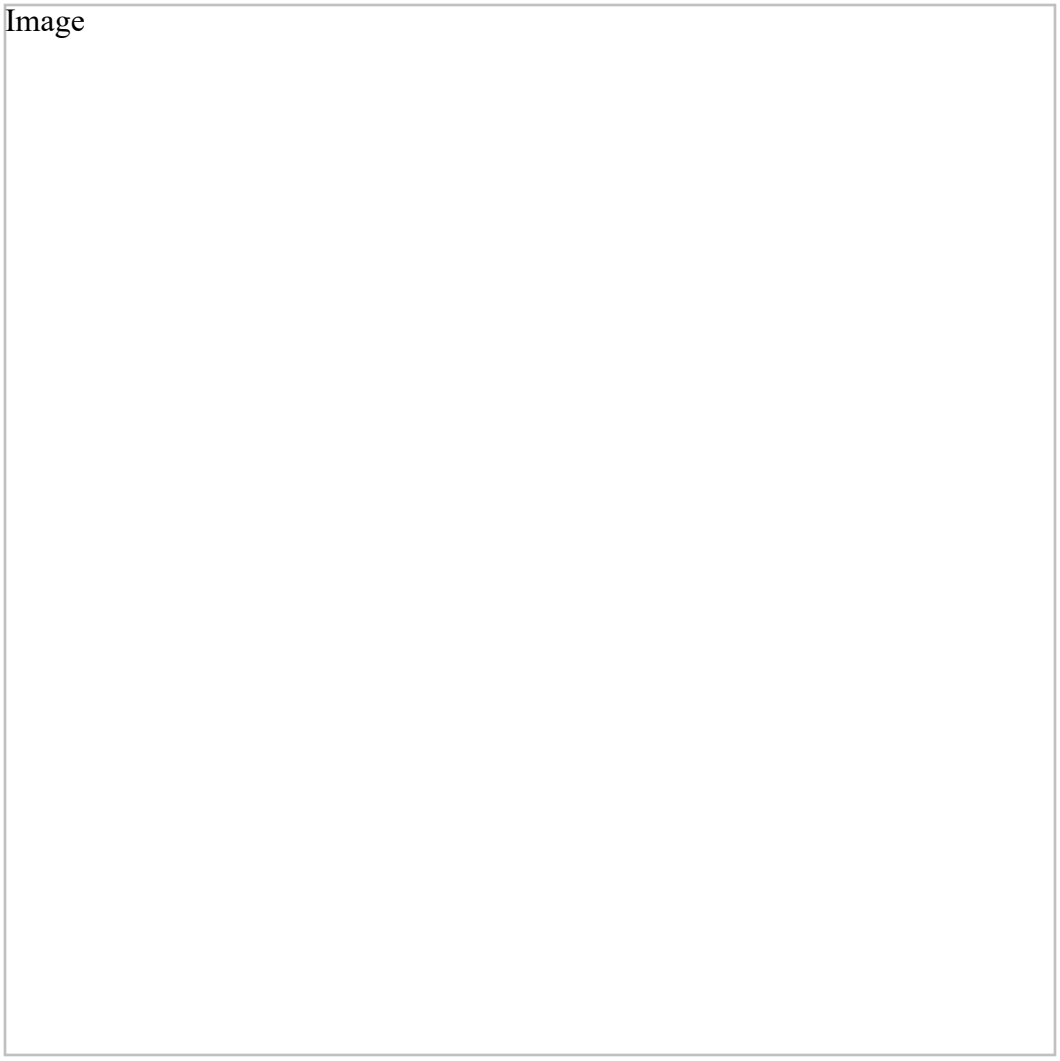
As a member of your District Attorney's Office for almost 30 years, and your DA for nearly 10, I've learned that the hours after school lets out are the prime time for juvenile crime.

It is between these hours of 2 to 6 p.m. that youth are more likely to be arrested for assault, theft and drug-related crimes.

Quality afterschool programs have been proven to reduce these crimes in our community, keep students engaged, and improve academic performance and student behavior.

A new report from Fight Crime: Invest in Kids shows that when youth have access to high-quality, affordable afterschool programming, they benefit immensely from homework help and outdoor activities, and they're less likely to commit or become victims of crime.

Australia's government is floating an idea to scan internet users' faces before they can watch porn online



Australia's Department of Home Affairs has touted an idea to use facial recognition software in order to verify internet users ages before they can access pornography or gambling websites.

In its parliamentary submission, the department says that its Document Verification Service and Face Verification Service — though broadly intended to be used as systems for fighting crime and identity theft — could also be used by police for age verification controls.

"This could assist in age verification, for example by preventing a minor from using their parent's driver licence to circumvent age verification controls," the submission states.

"Whilst they are primarily designed to prevent identity crime, Home Affairs would support the increased use of the

Document and Face Verification Services across the Australian economy to strengthen age verification processes."

Police turn to hackers in Australia's first crowdsourced attempt to find missing people

Image



For decades the traditional 'missing person' poster has been used to enlist the community's help to find individuals who may be in danger.

But with more than 2,600 Australians now listed as a "long-term" disappearance, the federal police are trying what they hope will be a more successful tactic: turning the search into a

game.

More than 350 internet sleuths and "ethical hackers" — hobbyists and professionals — gathered at 10 locations around the country on Friday in a national missing-persons "hackathon".

The aim was to generate leads for 12 of Australia's most frustrating cold cases, using sophisticated but legal methods of trawling the internet.

And organisers said the results were astounding: 100 leads were generated every 10 minutes the competing teams worked.

Police overseas have used crowdsourcing in the past for help with isolated cases, aided by these largely voluntary "open-source intelligence" (OSINT) enthusiasts.

But Linda Cavanagh, of the Canberra Cyber Security Innovation Node, said the Australian event was the first of its kind to be deployed on a national scale.

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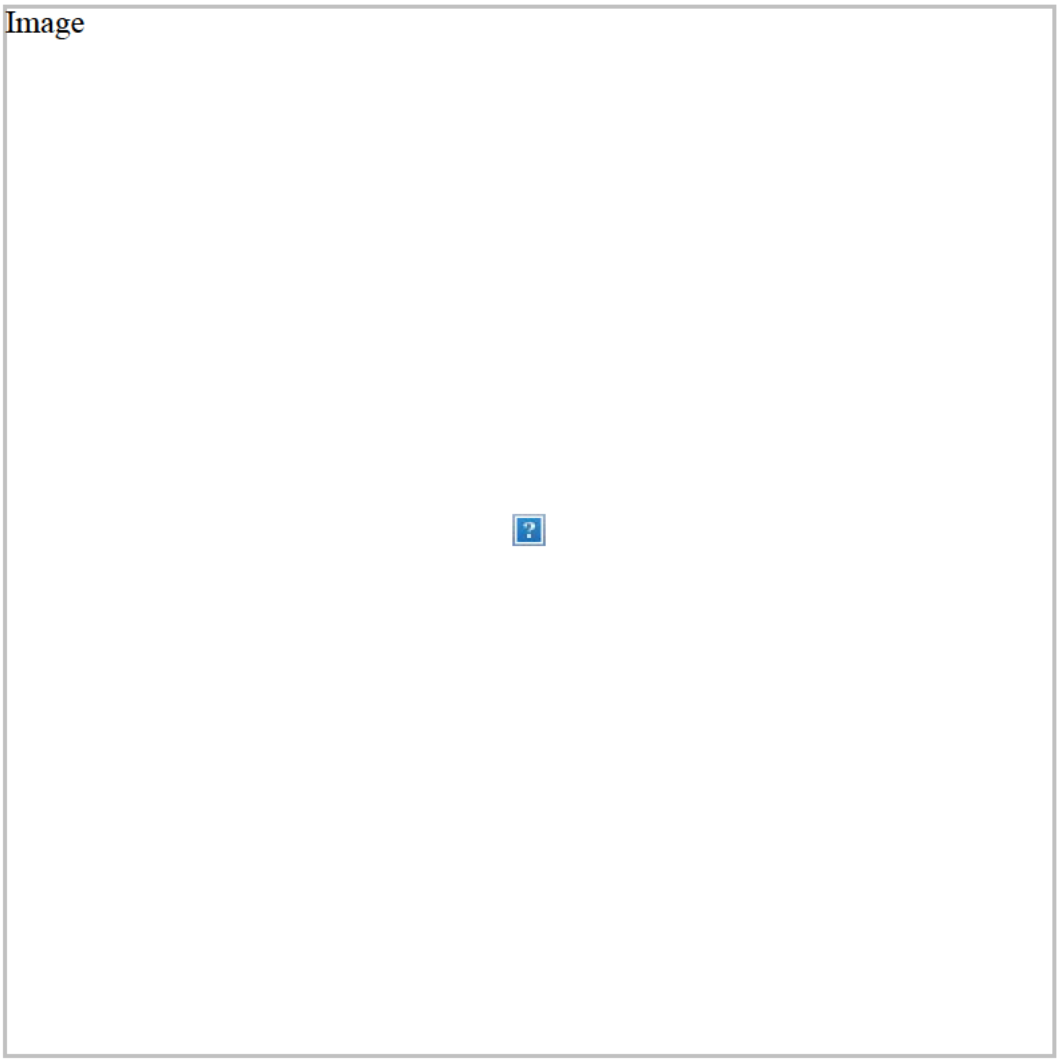
10 of the Best Tools to Find Relevant Influencers on Social Media

Image

While it's become a much bigger consideration in recent years, influencer marketing, as a practice, has actually existed for a very long time. In the past, however, influencers were only on TV or in magazines, and unlike social media, TV and newspapers are limited, which led to a situation where a select number of celebrities were able to charge tons of money for making an ad for Pepsi or Swatch in order to influence consumer behavior.

With the birth of social platforms, everything changed. The Internet has no limits, there can be as many influencers as the world requires. They can be of any age and social status, and in any area of expertise (or no area of expertise). And they can work with any brand.

How Your Volunteering Trip Could Contribute To Human Trafficking



The advent of cheap air travel and Instragammable holiday photos, combined with a longing for meaning, has created a new breed of traveler: the voluntourist. This ever-growing trend describes people, most often young and affluent Westerners, who travel to the global South to help with community projects.

While no doubt sweetly intentioned, there is considerable concern over the fad of “voluntourism” and whether it does more harm than good for the communities in developing countries – especially when it involves children or work at an orphanage. On the surface of the problem, it’s questionable whether treating the developing world as a playground is an effective model to address systemic poverty and care for vulnerable children.

An anthropological study published in the Journal of Sustainable Tourism has shown how volunteer programs can actually contribute towards a superficial understanding of poverty that distracts from the larger systems that produce inequality and poverty. Through a series of in-depth interviews with young people from the US who volunteered in Malawi, they found their volunteer work was often carried out through a colonial and “mythologized” image of a helpless Africa needing the benevolence of the West. The volunteers also viewed African poverty in terms of the “American Dream” and the idea of pulling oneself out of poverty through hard work, as opposed to deep-rooted economic, social, and historical factors at play.



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If you have an article you would like to see featured in this publication please contact Brian Gray at intelligenceanalysis@mac.com

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This email was sent to kerra.huchowski@pol.state.ma.us.

Click here to view the online version.

From: Huchowski, kerra (POL)
To: Frenzo, Mark (POL)
Subject: Re: A Publication of the LEIU Executive Board - The Source
Date: Thursday, October 31, 2019 2:15:45 PM

Anytime

Respectfully,

Kerra Huchowski
Intelligence Analyst

Commonwealth Fusion Center
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24/7 - 978-451-3700
Fax - 978-451-3707
Cell - [redacted]

Kerra.Huchowski@pol.state.ma.us

Sent from my iPhone

On Oct 31, 2019, at 2:15 PM, Frenzo, Mark (POL) <mark.frenzo@pol.state.ma.us> wrote:

> Thanks Kerra
>
> Sent from my iPhone
> Detective Lieutenant MR Frenzo #2177
> Unit Commander
> SSS / Organized Crime Unit
> Massachusetts State Police
>
> On Oct 31, 2019, at 7:44 AM, Huchowski, kerra (POL) <kerra.huchowski@pol.state.ma.us> wrote:
>
> > Good Morning,
> >
> > Listed below are various different articles about organized crime, including one about the Las Vegas Mafia. Other articles stem around OC in Asia, Canada and of course El Chapo and drugs. Happy reading and Happy Halloween!
> >
> > I will be in DC next week.

-Kerra

From: Association Of Law Enforcement Intelligence Units (LEIU) [mailto:LEIU@doj.ca.gov]
Sent: Wednesday, October 30, 2019 8:31 AM
To: Huchowski, kerra (POL) <kerra.huchowski@pol.state.ma.us>
Subject: A Publication of the LEIU Executive Board - The Source

Image

The LEIU Source is a weekly news publication brought to you by the LEIU Executive Board.

Each Wednesday, we share with you a few of the articles or intelligence-based publications that have come across our desk. We are exicted to see, each week, Law Enforcement Officers, Analysts and Administrators from around the world reading this.

If you have a publication or an article that you feel needs to be shared, please send these to IntelligenceAnalysis@mac.com for review.

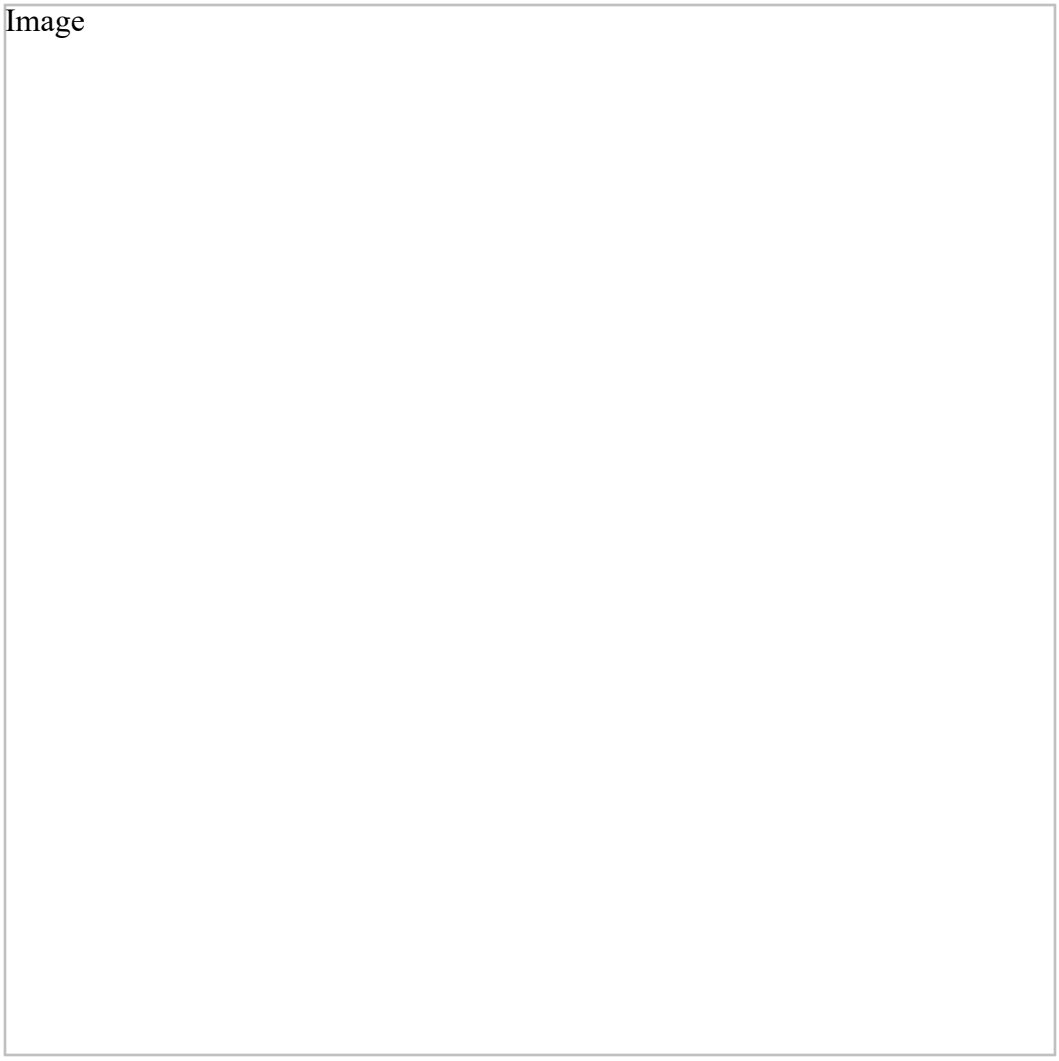
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Wednesday 10/30/19

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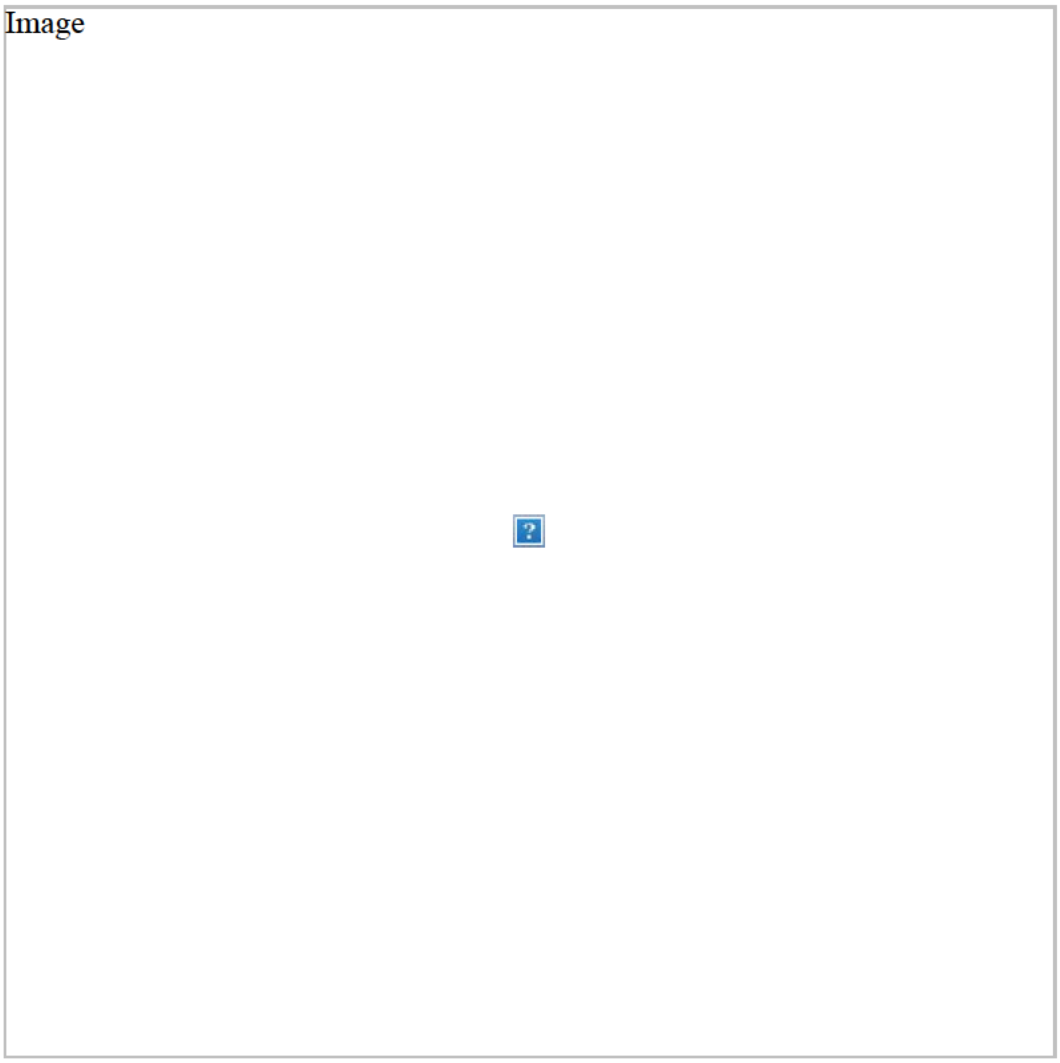
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Image



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BAE wins open source intelligence contract from the Army



The Army has awarded BAE Systems a $437 million task order for open source intelligence support, the company announced Oct. 15 during the 2019 Association of the United States Army conference.

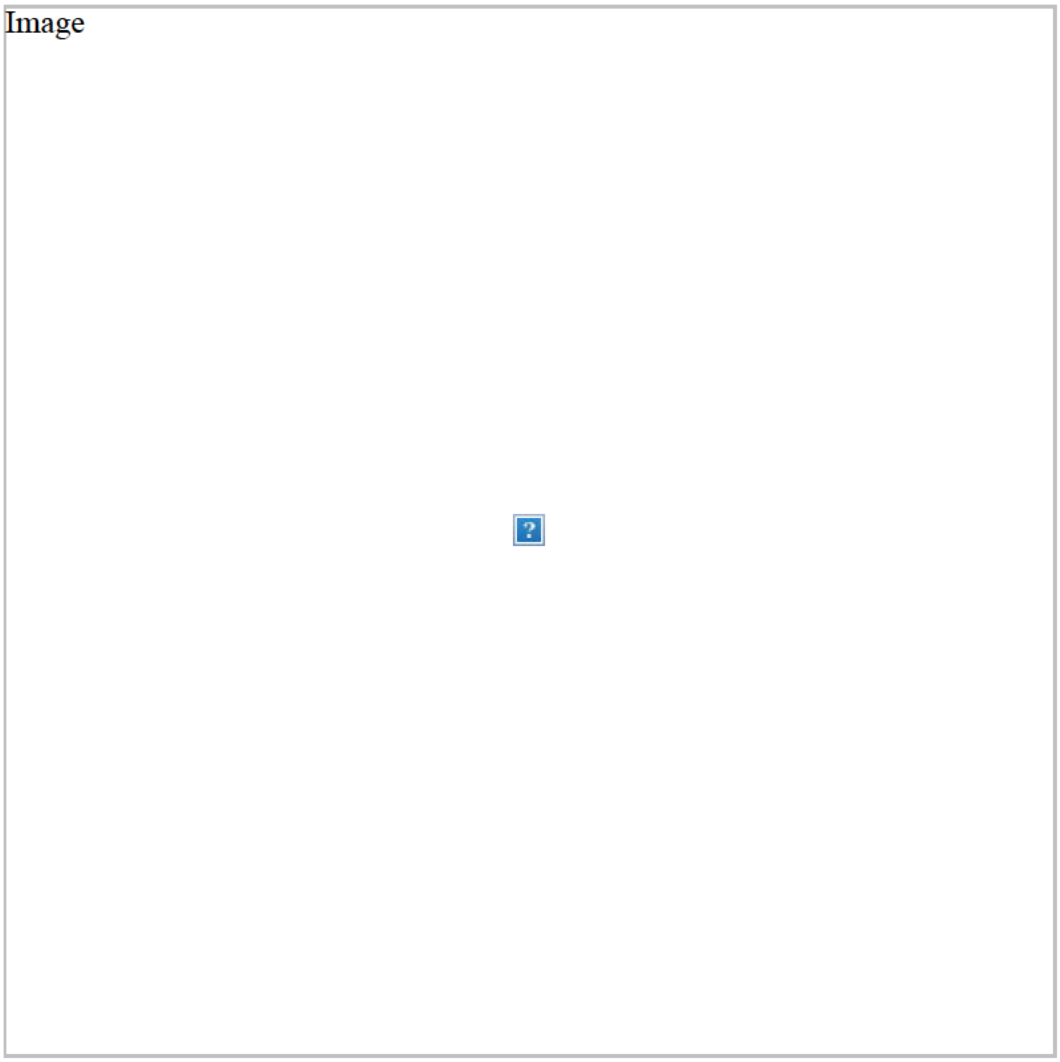
As part of the task order, BAE Systems will provide the Army and Army Intelligence & Security Command (INSCOM) approved partners with open source solutions to publicly available data.

“We’re proud to continue to partner with the U.S. Army and support their critical national security missions with this new capability,” Peder Jungck, vice president and general manager of BAE Systems’ intelligence solutions business.

The company won the initial award of the five-year task order and began ramping up in August, Jungck said. The task order is an extension of projects the company has been doing for the Army, but this is the first time the work been consolidated and awarded as a larger contract, he explained.

“If you look at contracts in general around OSINT there’s been kind of small ones, there’s been lots of pilots out of agencies and even within the Army and throughout INSCOM there were different kind of brigades and battalions that had their own set of tools," he said. "This is one of the first of the really large OSINT and AI consolidation contracts. I don’t think anybody’s really had a large one like this.”

Calif. police stand by cop after video released in 2017 OIS of murder suspect



FRESNO, Calif. — Community activists are expressing outrage after seeing video footage that shows a Fresno police sergeant fatally shooting an unarmed 16-year-old boy as he fled during a foot pursuit.

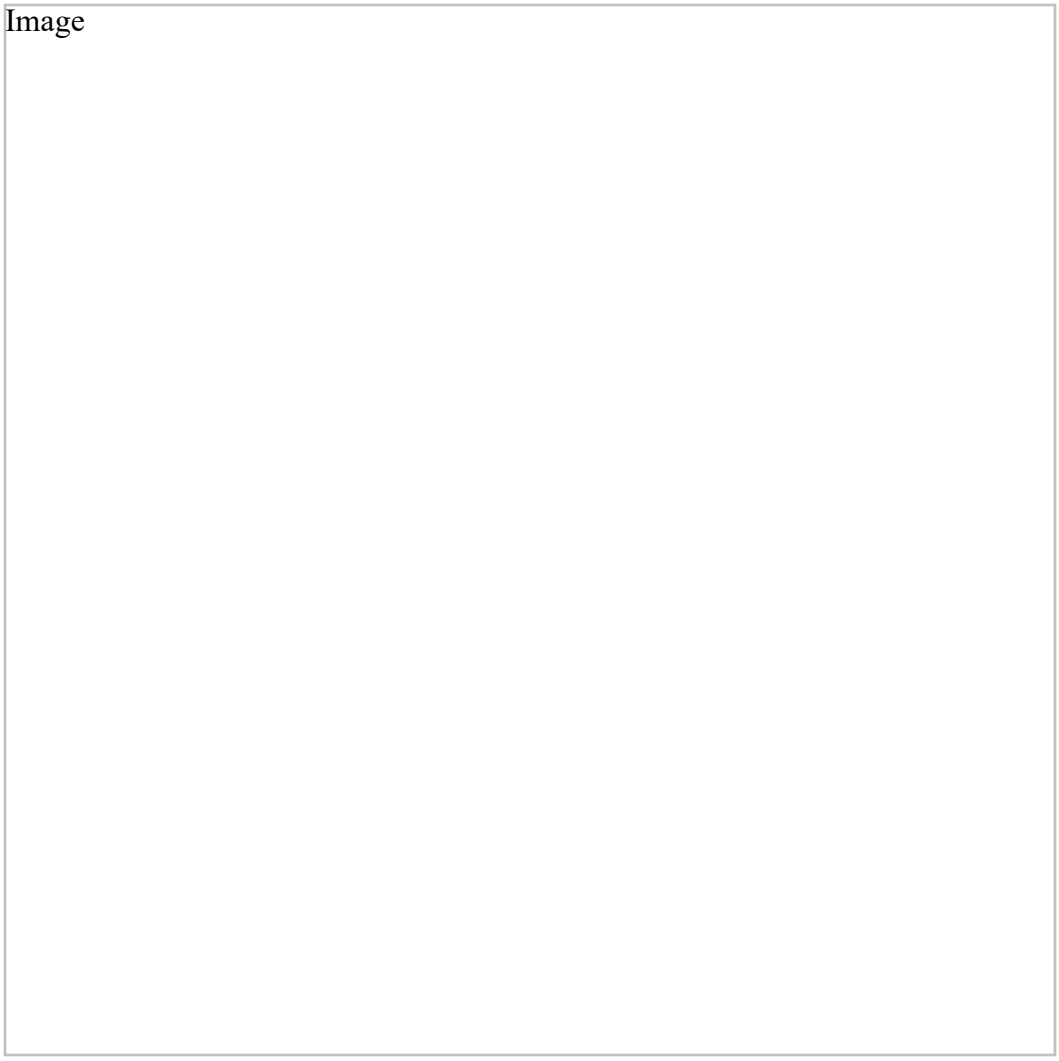
Meanwhile, the local police union and supporters of law enforcement have stepped up in support of the sergeant, saying he acted within guidelines while pursuing a murder suspect.

The footage shows Sgt. Ray Villalvazo firing a single shot into the back of Isiah Murrietta-Golding's head, according to a lawsuit filed on behalf of the teen's family.

The video was captured on a surveillance camera at a daycare facility on April 14, 2017, and was released by attorney Stuart Chandler, who's representing the family of Murrietta-Golding. The boy's family alleges the sergeant used excessive and unlawful deadly force, and committed assault and battery with negligence.

Additionally, in footage released from a police officer's body camera, one officer is heard shouting "good shot" as officers handcuff and search the already prone Murrietta-Golding.

Asia has an organized-crime problem. Canada is well placed to help

Image 

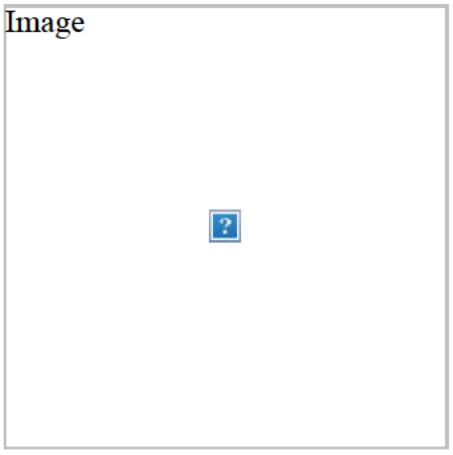
Jeremy Douglas is the regional representative for the United Nations Office on Drugs and Crime (UNODC) for Southeast Asia and the Pacific and a former UNODC representative for Pakistan. The opinions expressed in this commentary are his.

More than a few eyebrows went up last week when Tse Chi Lop – a 55-year-old Canadian man – was accused of being arguably the biggest drug trafficker in the history of Asia.

Mr. Tse is suspected – by police in Myanmar, Australia and Taiwan, and by the United Nations Office on Drugs and Crime (UNODC) – of being the leader of Sam Gor, or Brother Number Three, a supersyndicate largely responsible for the dramatic shift in recent years in organized crime away from drugs such as heroin and toward synthetics, such as methamphetamine, ketamine and fentanyl. It's a shift that has been driven by control and profit, since synthetics offer many advantages to

criminal organizations: Labs can be quickly set up or moved; they are not subject to external conditions such as climate, nor do they require large work forces; and production can be rapidly scaled up to drive the market. Put these things together and it means the disruption of the traditional drug business and the heavily concentrated profits that come with it.

Florida Senator Rick Scott Announces Legislation To Address 'FBI Failures' Regarding Parkland Shooting



MIAMI (CBSMiami) – Florida Senator Rick Scott announced legislation Thursday to hold the Federal Bureau of Investigations accountable for its 'failures to address critical deficiencies in its handling of actionable intelligence' in regards to the mass shooting at Marjory Stoneman Douglas High School in 2018.

The 'Threat Information Protocol for Sharing (TIPS) Act' is supported by Stand with Parkland, an organization founded by the family members of the victims of the Parkland shooting.

"Not a day goes by that I don't think about the 17 souls that were taken from us in a brutal act of violence at Marjory Stoneman Douglas High School. Following the tragedy, we all worked together to pass the Marjory Stoneman Douglas High School Public Safety Act to make our schools safer and prevent future tragedies, but we aren't finished. We cannot

accept the repeated failures of the FBI to properly investigate and act on specific tips received about the Parkland shooter, as well as other perpetrators of mass violence in Florida. I'm proud to stand with the family members of the victims to announce the TIPS Act, which bridges the gap between federal and state law enforcement agencies by mandating information sharing of all state-specific criminal intelligence tips. This is about getting information on threats into the hands of the right people, who can ultimately prevent violence and protect our families," Scott said.

Majority of Mexicans Say Organized Crime Stronger than Government after El Chapo's Son Released

Image

A majority of Mexicans see organized crime as more powerful than the Mexican government after government forces capitulated to drug-cartel strongmen and released the son of the former cartel leader Joaquín Guzmán, known as “El Chapo.”

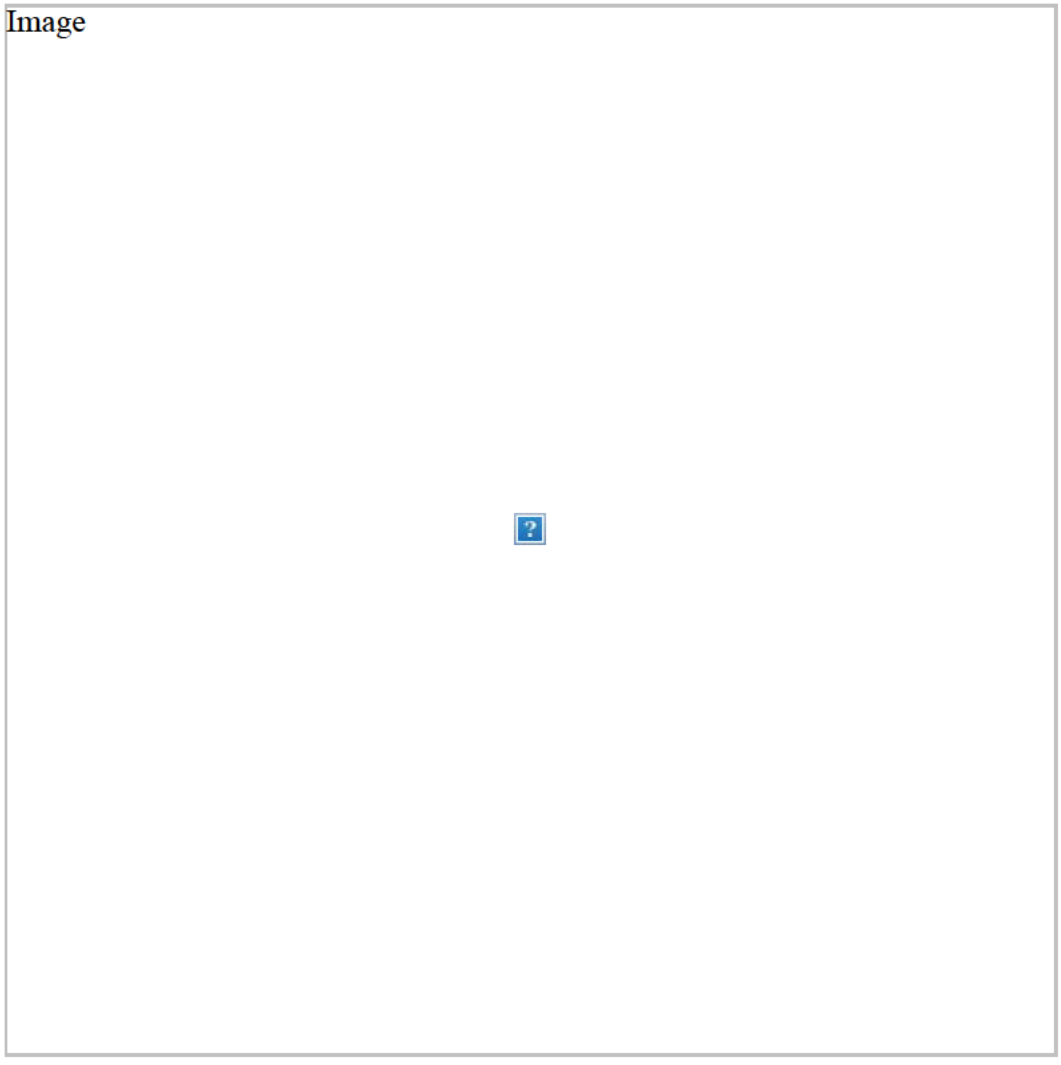
About 56 percent of Mexicans say they believe organized crime is stronger, while only 33 percent say the government is stronger, according to a poll by the Mexican newspaper Reforma.

Mexican authorities were forced on Thursday to release Ovidio Guzmán López, El Chapo’s son, shortly after capturing him, when the Sinaloa cartel laid siege to the city of Culiacán and surrounded Mexican troops, taking eight soldiers hostage. Officials said at least 14 people died during the clashes between cartel members and Mexican soldiers.

49 percent of respondents in the Reforma poll disagreed with the decision to release López, while 45 percent said they supported it. Residents of Culiacán expressed relief that the government had surrendered, saying the decision prevented further violence.

Mexican lawmen get FBI training to combat organized crime, terrorism

Image



JUAREZ, Mexico — Three Chihuahua state lawmen recently completed intelligence and intervention training courses sponsored by the FBI, according to the State Security Commission.

Alvaro Serrano Escobedo, the commission's operations

director, received training on anti-terrorism, intelligence gathering, leadership and the combat of organized crime at FBI headquarters in Quantico, Virginia. The training is part of the FBI's Mexican Law Enforcement Executive Development (MEXLEED) program, the commission said in a news release.

Ginés Jaime Ruiz García, first officer of the Chihuahua State Police, and Jesús Alejandro Cruz Rangel, who heads rural operations for the agency, attended the FBI's Mexican American Liaison and Law Enforcement Training (MALLET) program in South Padre Island, Texas, the commission said.

The three lawmen were among 30 duly vetted Mexican officials chosen by the FBI for training this year, the commission said.

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63 accused drug dealers plead guilty in heroin, fentanyl and cocaine trafficking rings

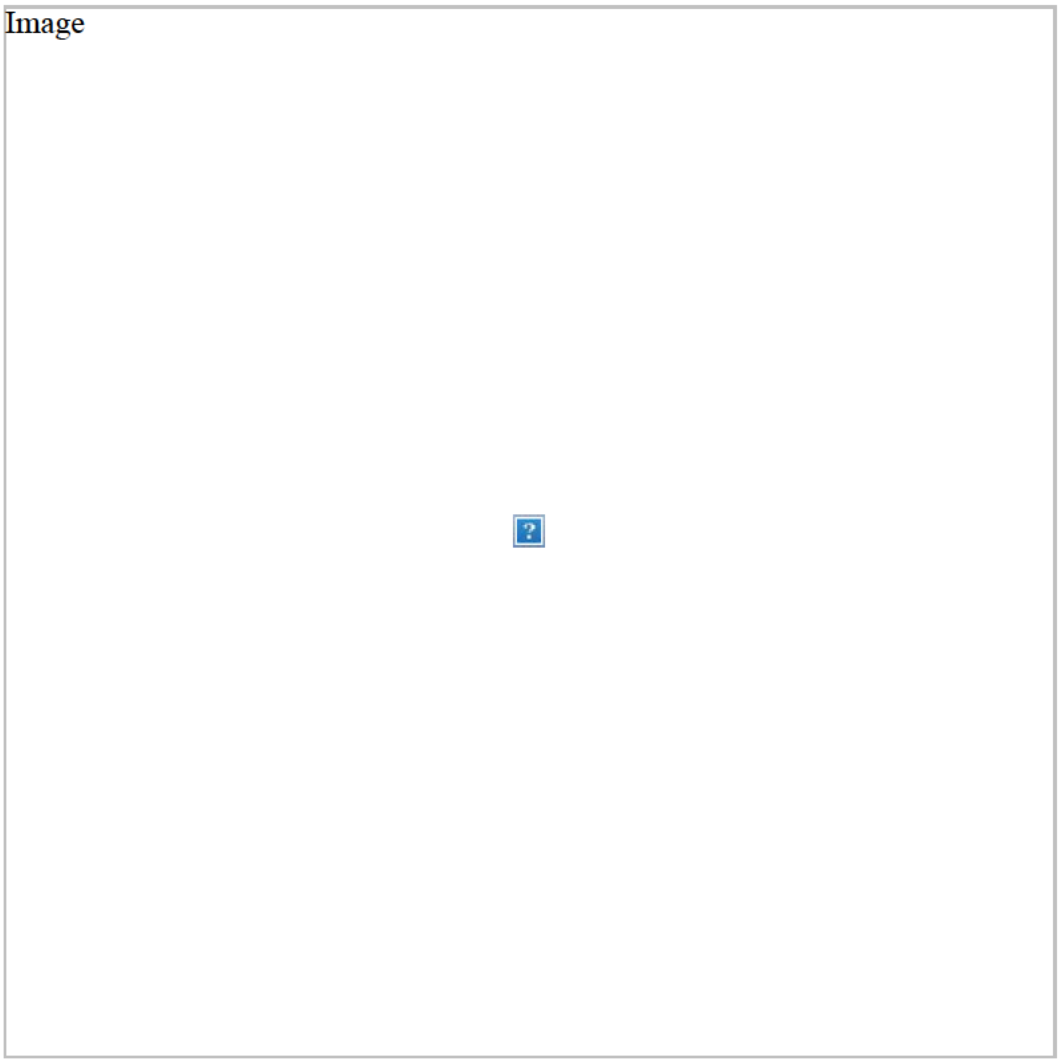
Image

SYRACUSE — New York State Attorney General Letitia James has announced the guilty pleas of 63 people for their roles in two major narcotics trafficking operations that transported heroin, fentanyl, and cocaine to Onondaga, St. Lawrence, Oswego, Oneida, and Jefferson counties.

The investigation resulted in the recovery of approximately 4,700 bags of heroin and fentanyl, worth approximately $140,000, and approximately 2 kilograms of cocaine, worth more than $200,000, according to a news release from the Attorney General's office.

"These individuals flooded our communities with dangerous drugs that are putting New Yorkers at great risk," said Attorney General Letitia James in the news release.

House bill would give border agents tool to detect synthetic opioids



A bill that would give U.S. Customs and Border Protection (CBP) agents the equipment to detect synthetic opioids has been introduced in the U.S. House.

The DHS Opioid Detection Resilience Act of 2019 requires the Commissioner of CBP to procure chemical screening devices that allow border patrol agents to identify narcotics, including synthetic opioids, with purity levels of less than 10 percent. A 2018 study by the Drug Enforcement Administration (DEA) found that most fentanyl seized at the southwest border tends to be less than 10 percent pure. These changes would fill the gap that currently exists in identifying these synthetic opioids.

“Stopping the flow of illegal drugs across our southern border and at ports of entry is a top priority for our CBP law enforcement officers. This includes fentanyl and other synthetic opioids that can be difficult to detect. Our legislation ensures that DHS has the necessary equipment to detect synthetic opioids and the ability to adapt as smuggling methods evolve. We want to prevent this poison from ever reaching American communities, and our bill helps law enforcement carry out that mission,” Rep. Clay Higgins (R-LA), the bill’s sponsor, said.

Teens brawl with police in Brooklyn subway station

Image

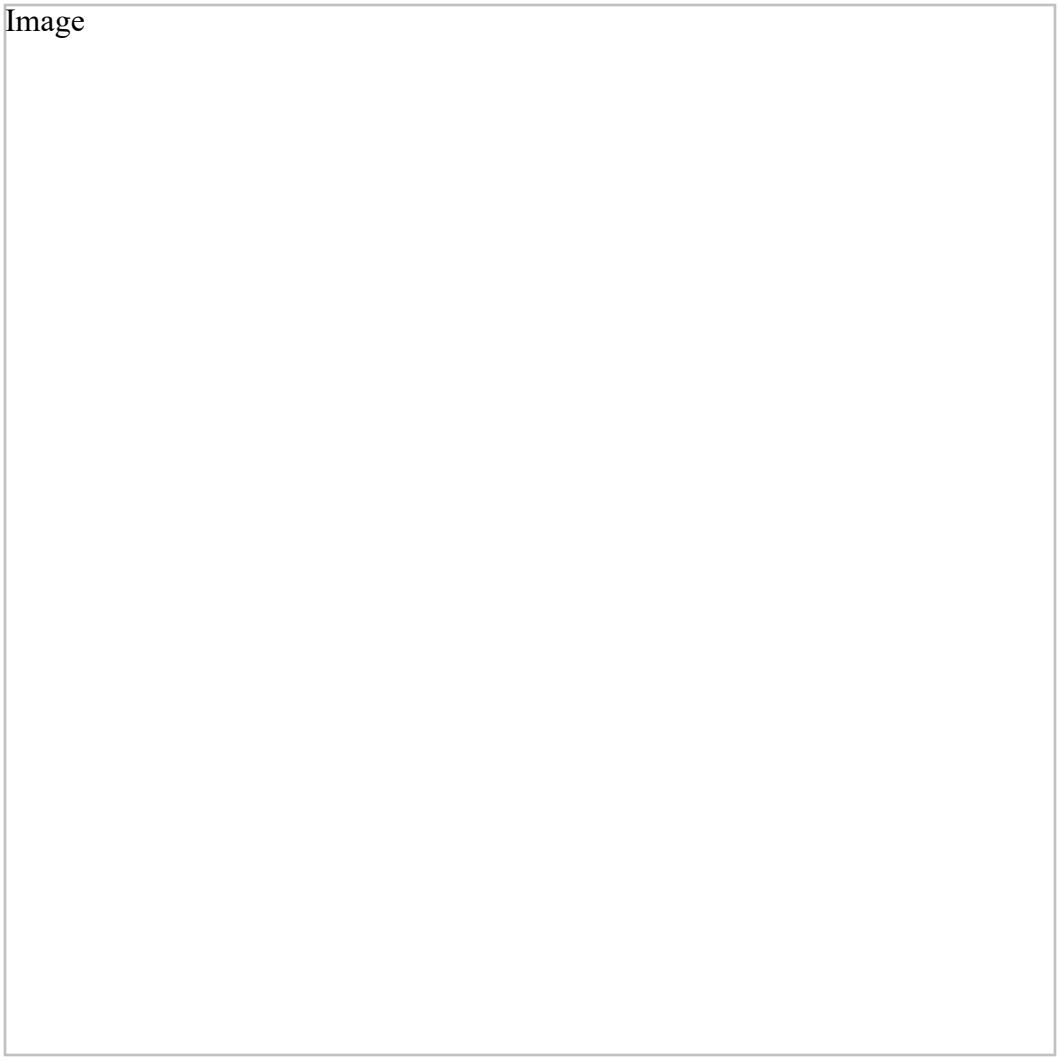
BROOKLYN, N.Y. – A video showing members of the NYPD

trying to break up a fight and instead ending up in an all-out brawl with a mob of New Yorkers has gone viral… and media outlets were quick to condemn the cops who were involved.

The Post said that the incident unfolded on Saturday morning around 2:30 a.m. as officers responded to the scene of a fight on the platform of a subway station. The fights had originally began up on Jay Street between two groups of people before the violence spilled down into the station.

Cell phone video captured at the scene shows officers rush into the area and try to pull the brawling teens apart, attempting to put one of the suspects in handcuffs. Other individuals on the outside of the skirmish appear to be pulling the officers away.

The heartbreaking final text this human trafficking victim sent before dying in UK truck



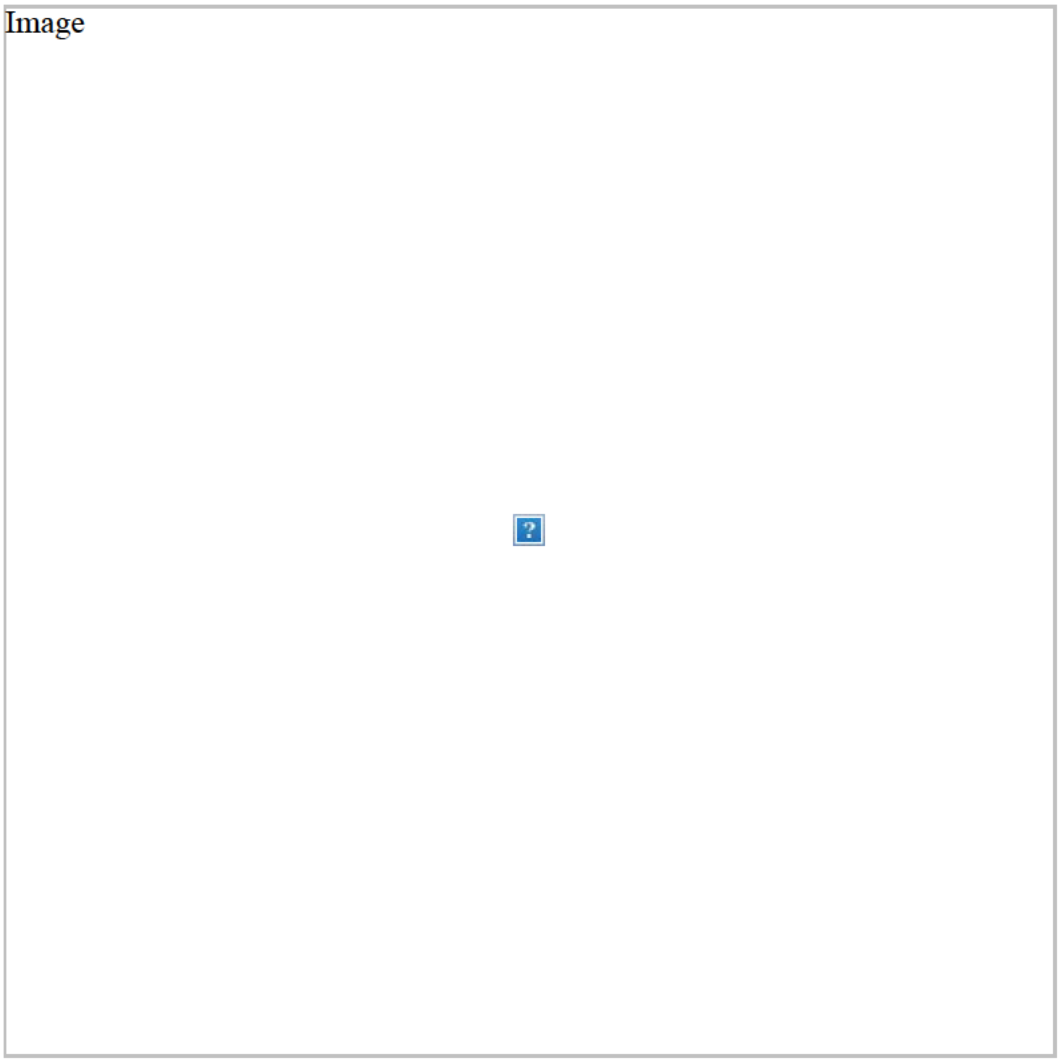
A 26-year-old Vietnamese woman texted her mom frantically that she was suffocating in the truck in which the bodies of 39 people were found in England — and apologized that her journey to a better life ended tragically, according to a report.

“I’m sorry Mom, my path to abroad didn’t succeed,” Pham Thi Tra My wrote in a series of messages about 10:30 p.m. Tuesday, according to the Mirror.

“Mom, I love you and Dad so much! I’m dying because I can’t breathe,” she added.

News about the young woman’s final moments emerged as two more people were arrested after eight women and 31 men were found dead Wednesday in a case that has shocked Britain and made headlines around the world.

Labor Trafficking Is A Crime You Probably Don't Notice



It has been more than four years since Catherine Piedad called 911 from a $1.7 million home in Newton.

In 2015, she worked long hours to care for a Russian family's young twins. Her passport was taken, and she slept in a small room with little light and nowhere to store her clothes. When she asked to be paid, her employer threatened to send her back to the Philippines. She feared deportation and did not know who to trust.

Despite her fear, she called 911. Law enforcement helped her

to leave the family's home but did little else. They did not see her case as "labor trafficking." Instead, the incident was labeled a "labor dispute." Piedad struggled to access her rights — despite the robust federal and state laws designed to protect her.

You've probably heard of sex trafficking, which often involves perpetrators who force, trick or coerce victims into sexual servitude. Although difficult to see, sex trafficking is often visible to law enforcement through the internet: perpetrators sometimes leave a footprint online, which can provide a critical entry point for criminal investigations.

The Mafia's history in Las Vegas: From Bugsy Siegel to Anthony Spilotro

Image

Benjamin “Bugsy” Siegel had been at the helm of the Flamingo for only six months in June 1947 when he was killed in a hail of gunfire at his girlfriend’s Beverly Hills, Calif., home.

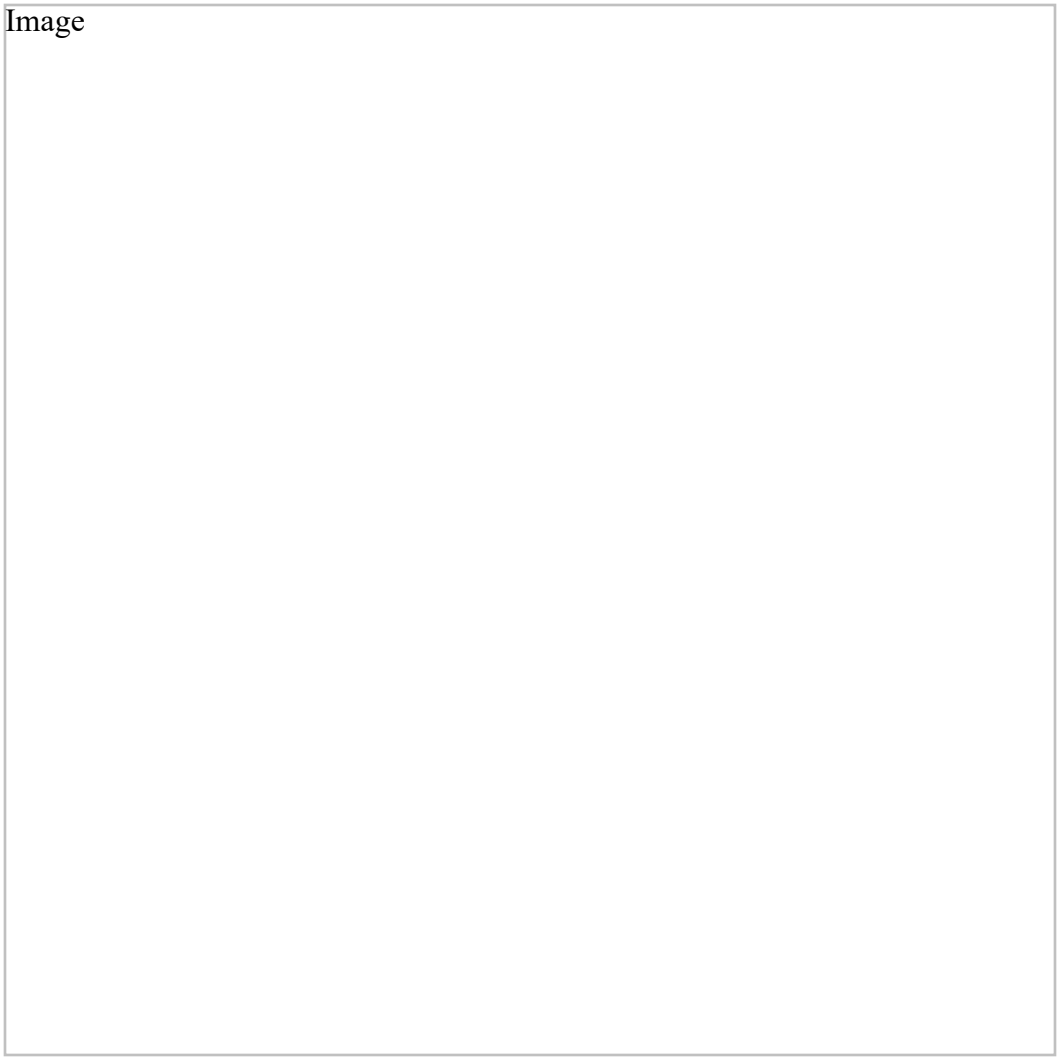
But his vision for the Flamingo, the first resort-style hotel on the Strip, was the beginning of a 50-year relationship between Las Vegas and traditional organized crime that helped define “Sin City”and turn it into one of the world’s top tourist destinations.

“The general perception on the part of the public is that Las Vegas and the mob have been inextricably linked, and I don’t think it will ever be extricated,” former longtime state archivist Guy Rocha says.

Groundbreaking books such as “The Green Felt Jungle” in 1963, which revealed the mob’s early grip on the city, and popular movies such as “The Godfather” in 1972 and “Casino” in 1995 enhanced this perception through the years.

So did the buzz on the Strip over the Rat Pack, led by headliner Frank Sinatra and his associations with high-profile underworld figures.

New Bill To Bring Illegal Gambling In California Closer To An End



Gambling in the US, as well as in the whole world, is one of the most entertaining and lucrative endeavors. Not only does it provide fun and joy to the players, but it also offers an opportunity to make a fortune.

The gambling operators all around the world are doing everything they can to attract new customers. From online free spins for Australians to no deposit bonuses and other promotions in other countries, casino operators are full of such impressive offers.

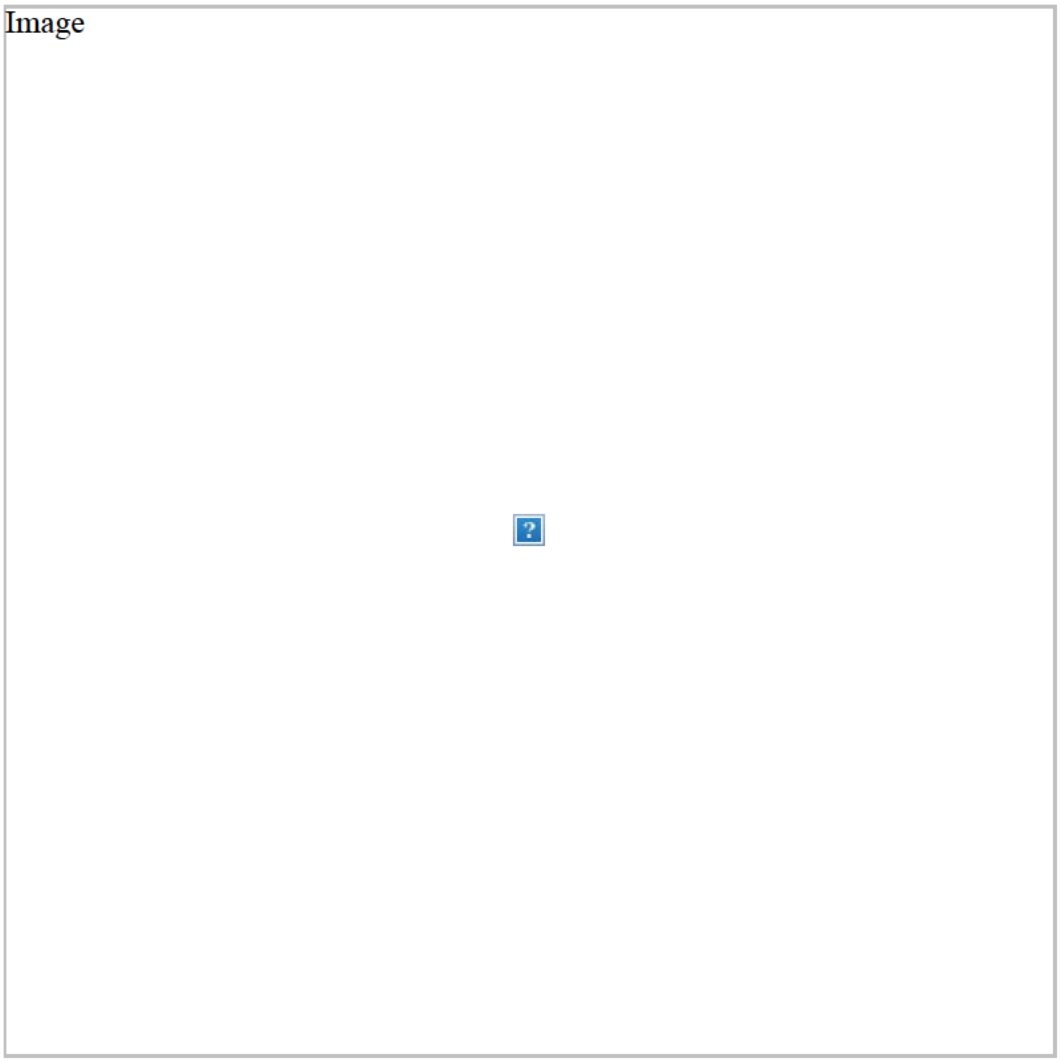
However, the industry isn't just this fairy-tale source of joy and money. It also has its drawbacks. With problem gambling, organized crime, and money laundering prospects, gambling has long been considered threatening to society.

That's the reason why the US government, alongside other

governments worldwide, have been eager to put the industry under the limitations and protect the interests of their citizens. With the regulatory restrictions and measures, the government officials have deemed ill-gotten gains illegal and contributed to ending gambling-related crime.

Best true-crime books of all time

Image



Terrifying tales are not the domain of fiction alone. If you are in search of bone-chilling scares, we recommend you turn to true crime. The key word being true. That's right, no imagination needed. Including stories about such horrific figures as Charles Manson and Ted Bundy, Goodreads compiled a list of the top 10 true-crime books

of all time based on the lists, reviews and ratings of their more than 90 million members.
AP

How a Facebook Crime Page Led to Arrest of N.C. Woman in Cold Case Killing of Sister-in-Law

Image

A Facebook page devoted to the murdered, missing or miscreant residents of western North Carolina is being credited with helping authorities bring charges in the 15-year-old cold-case killing of a missing mom of four, allegedly at the hands of her sister-in-law.

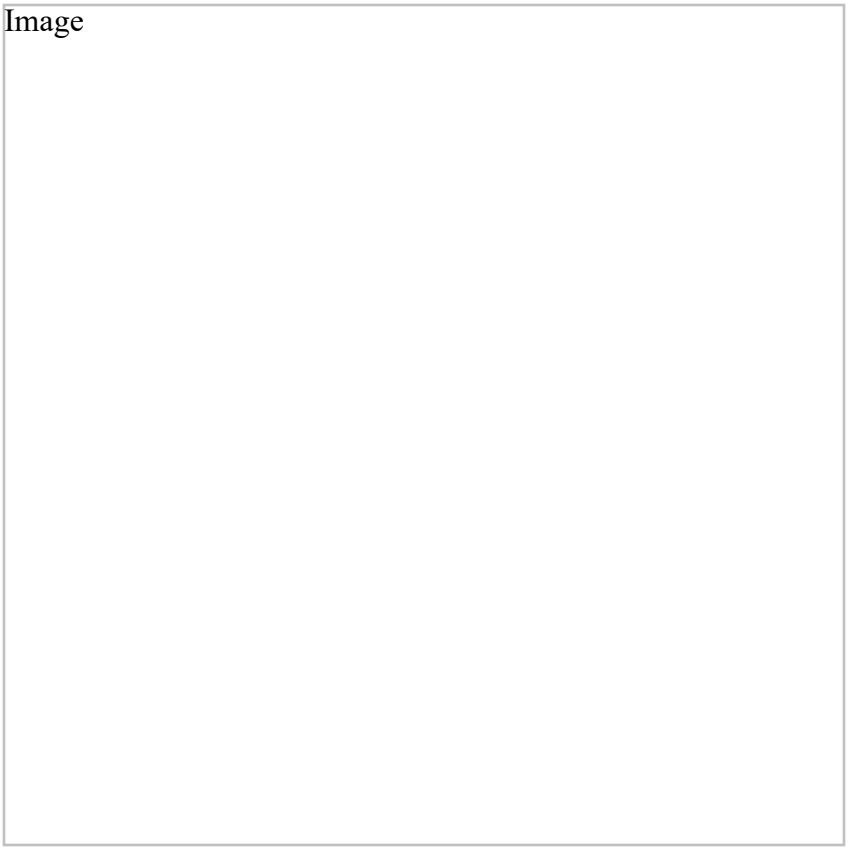
The tip that led authorities to a “shallow grave” containing the remains believed to be those of 29-year-old Deborah Elaine Deans “proved to be very accurate and very reliable,” Nash County Sheriff Keith Stone told reporters last week.

But the tipster did not go to police at first.

Instead, the unidentified person sent information about the alleged crime to a woman who created and runs a Facebook page called Fighting Crime News and Who’s Wanted, an online outlet whose updates range from wanted posters to promotions of local elections and warnings about traffic tie-ups.

On October 20, a re-post about the unsolved missing-person case of Deans — who was last seen around 9 a.m. on January 19, 2004, at a residence on Wiley Road in Spring Hope — elicited a “very detailed” response that was forwarded to authorities by the Facebook page creator, said Nash.

Google Maps Adds ability to see speed limits and speed traps in 40+ countries

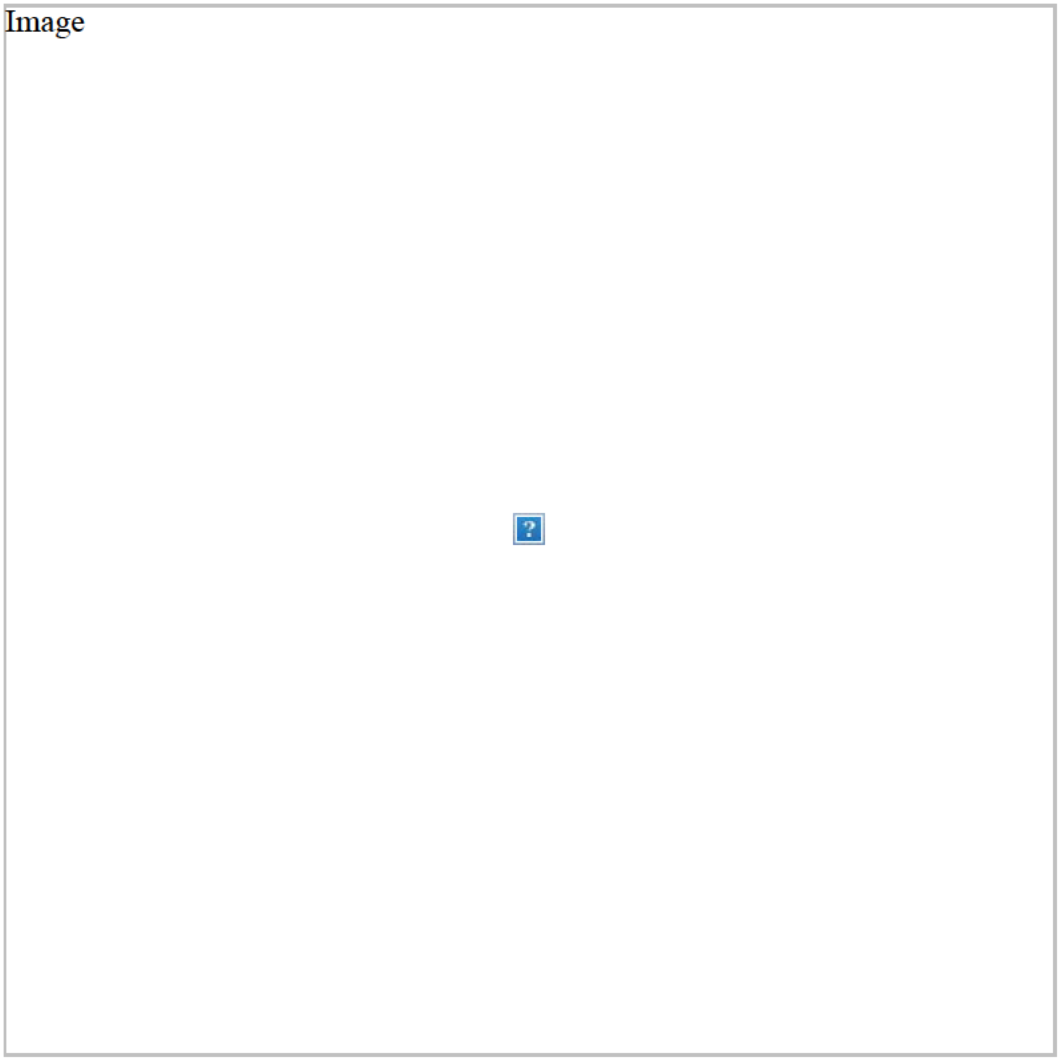


Google Maps is gaining some features previously exclusive to Google's navigation app, Waze. The company confirmed it's rolling out the ability for Google Maps users to see speed limits, speed cameras and mobile speed cameras in more than 40 countries worldwide — an expansion of its earlier launch of these features, which were previously limited to select markets.

The change was noted earlier by ZDNet and, of course, Reddit.

Google confirmed with TechCrunch the full list of supported countries now seeing the speed cameras, which currently includes: Australia, Brazil, U.S., Canada, U.K., India, Mexico, Russia, Japan, Andorra, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, Greece, Hungary, Iceland, Israel, Italy, Jordan, Kuwait, Latvia, Lithuania, Malta, Morocco, Namibia, Netherlands, Norway, Oman, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, South Africa, Spain, Sweden, Tunisia, and Zimbabwe.

The Ethics Board of One of the Largest Vendors of Police Tech (Axon) Makes the Case Against ALPRs



Automated License Plate Readers (ALPRs)—a mass surveillance technology that allows law enforcement to record the location and travel patterns of nearly every driver on the road—are poorly regulated, threaten privacy, and worsen the racial and economic inequalities already ingrained in our justice system.

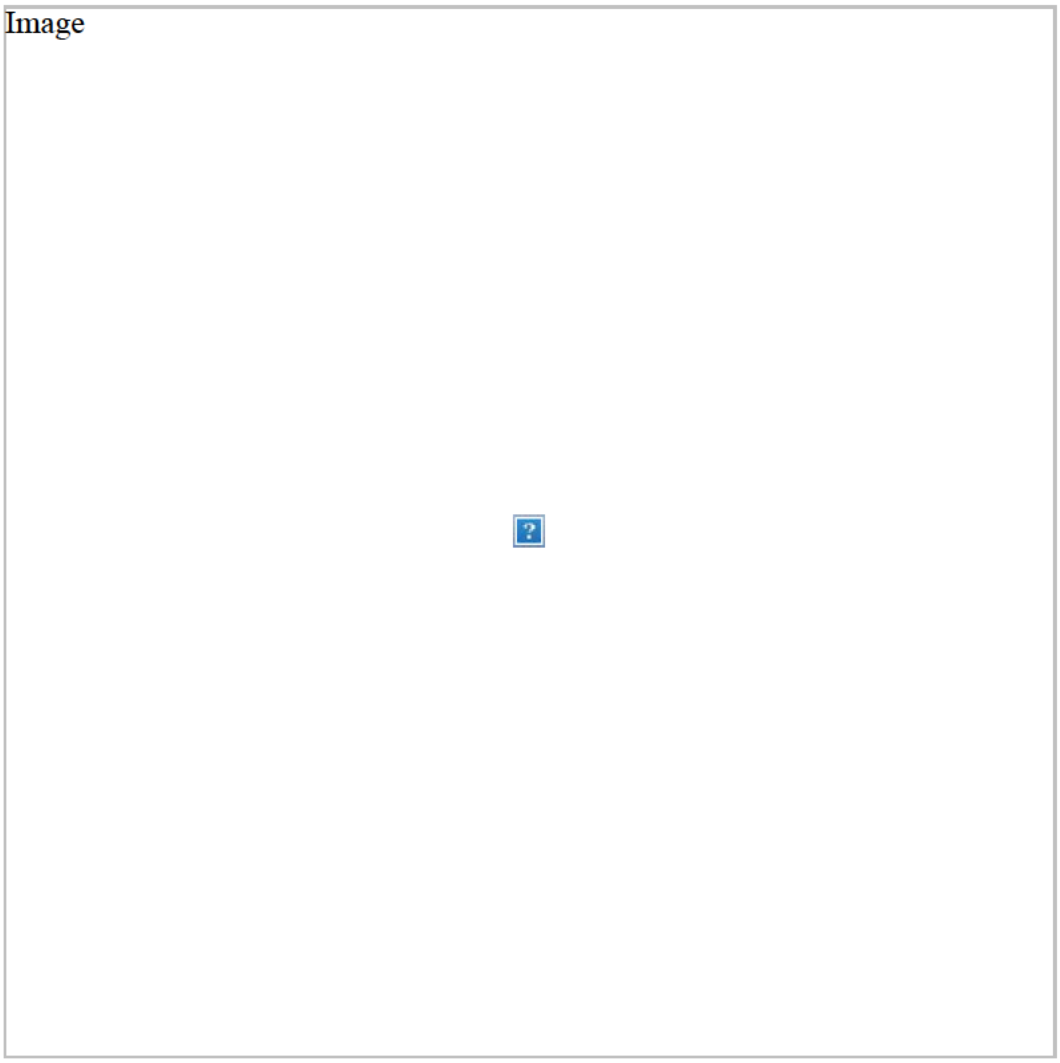
That's what EFF and other advocates have been saying for years. But now it's coming from an oversight body formed by one of the nation's largest police tech vendors.

Last week, the AI and Policing Technology Ethics Board at

Axon, a tech company best known for popularizing body-worn cameras and the Taser, released a damning report concerning the commercial sale of ALPRs. The board, whose purpose is to “help guide and advise the company on ethical issues,” concluded that while it sees the potential value of ALPRs, their current role in society is too broad and problematic. The sheer amount of information that ALPRs gather and store was also a concern for the ethics board—particularly when privately collected data is often for sale to whoever wants to buy it.

ALPR systems include cameras that can be mounted on vehicles like police patrol cars or private tow trucks, or on stationary locations such as streetlights or overpasses. These cameras capture every license plate that passes and index them based on time, date, and location. A police officer can search ALPR databases to learn where a vehicle was in the past or even get real-time alerts when a driver passes by an ALPR camera. Research by EFF, MuckRock, and others have found that even small police departments are able to collect millions of plate scans a year, and often agencies are sharing this data with hundreds of other agencies across the country. Private companies also use ALPR and sell their data to police, financial lenders, insurance companies, private investigators, and debt collectors.

Amazon's Ring is 'the Neighborhood Watch of 2020,' police say as doorbell cams proliferate

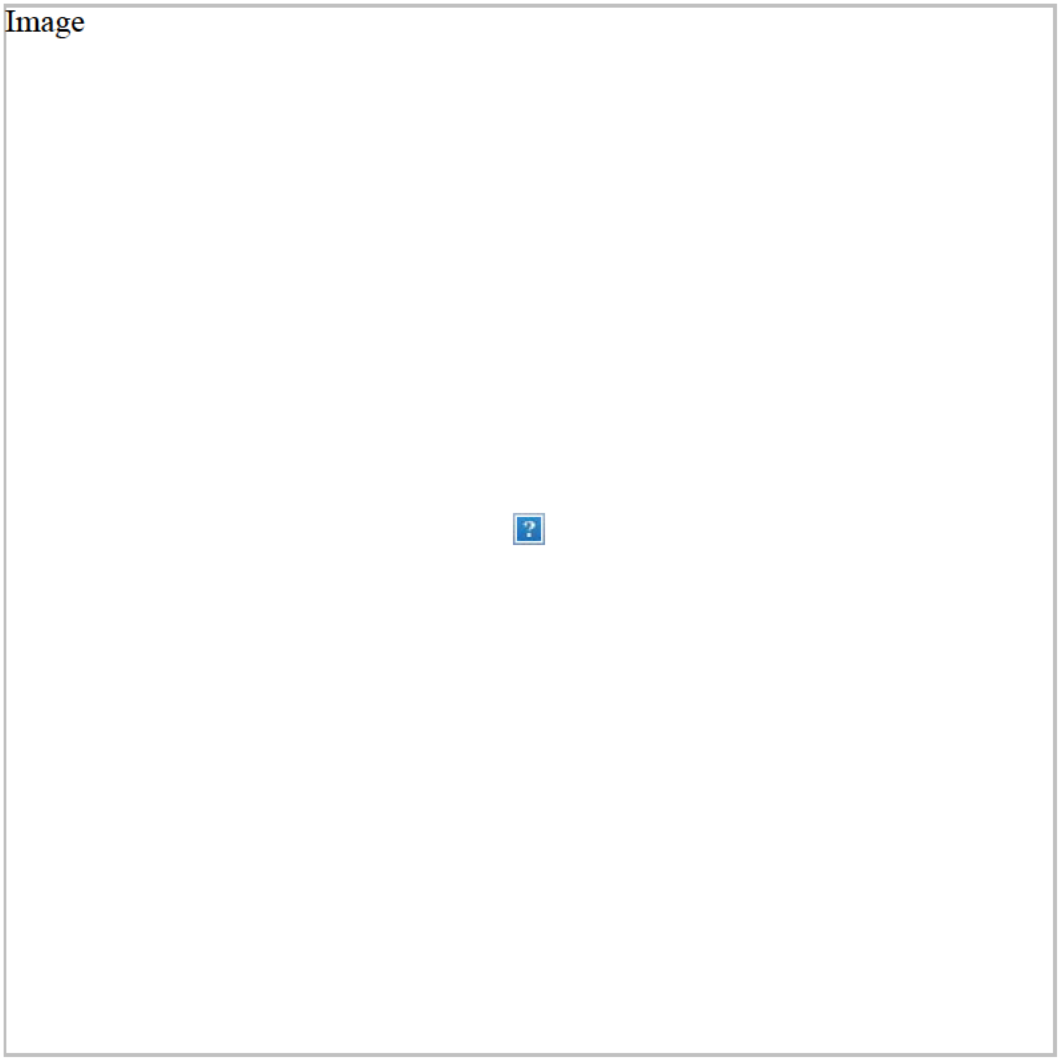


That's all it took Livonia Police to arrest a man, who hours earlier was caught on video posted on Ring's Neighbors app rummaging through the bed of a pickup parked in a driveway.

Detectives quickly recognized 60-year-old Jeffrey Couch when they saw the video posted by an app user in mid-August. Within a week, he pleaded no contest in court to two attempted larceny charges and was sentenced to 30 days in jail.

"I truly believe this is the Neighborhood Watch of 2020," said Livonia Police Capt. Ronald Taig, whose force was one of the first law enforcement agencies in Michigan — and is one of more than 400 across the country — to partner with the Ring Neighbors app, owned by Amazon.

How the deadly drug fentanyl is making its way to the US



Trump administration officials are divided over part of a proposal to crack down on illicit versions of fentanyl, the deadly synthetic painkiller that President Donald Trump targeted in declaring a national opioid abuse emergency.

In an inter-agency dispute that highlights the challenges of curbing opioid abuse, the US Drug Enforcement Administration (DEA) is publicly backing tighter rules for fentanyl analogs, which are slightly altered copycat versions of the powerful drug fueling an explosion in overdoses.

In this case, the bill would cut the Food and Drug Administration out of the time-consuming review process by

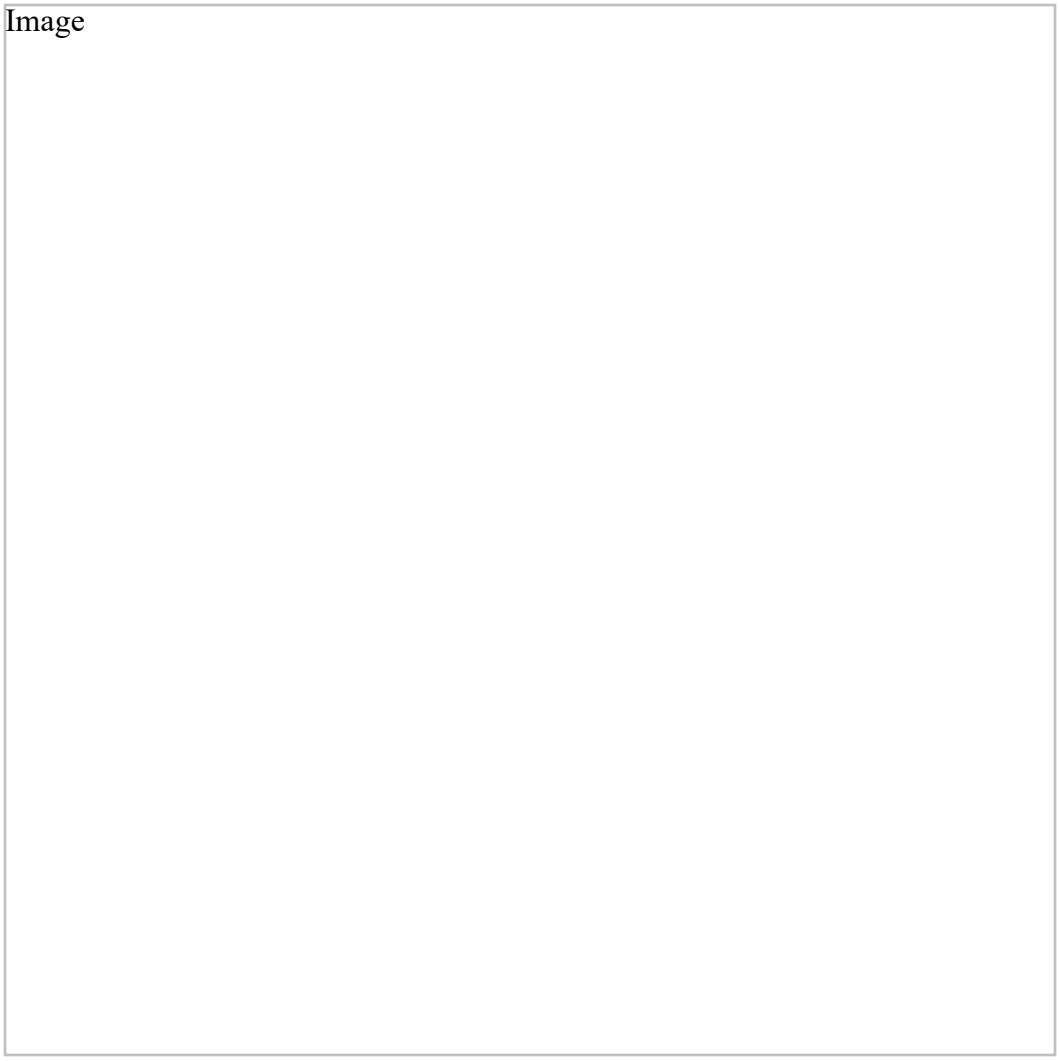
letting the DEA permanently classify illicit fentanyl analogs as Schedule I drugs, like heroin, which are deemed to be addictive with no medical use.

The DEA says these legal changes would help prosecutors keep pace with criminals who constantly churn out chemically tweaked fentanyl analogs to evade strict Schedule I regulations.

Of 70,200 US drug overdose deaths in 2017, according to the CDC, about 41% involved synthetic opioids, such as fentanyl and illicit analogs of it. Most of them are made in China.

Fentanyl, some versions of which are approved to treat cancer pain, is 100 times more potent than morphine.

Trump Orders Study of Root Causes of Crime, Policing Practices



President Trump on Monday ordered Attorney General William Barr to establish a new commission to study crime and law enforcement with the goal of recommending “actions that can be taken to prevent, reduce, and control crime, increase respect for the law, and assist victims.”

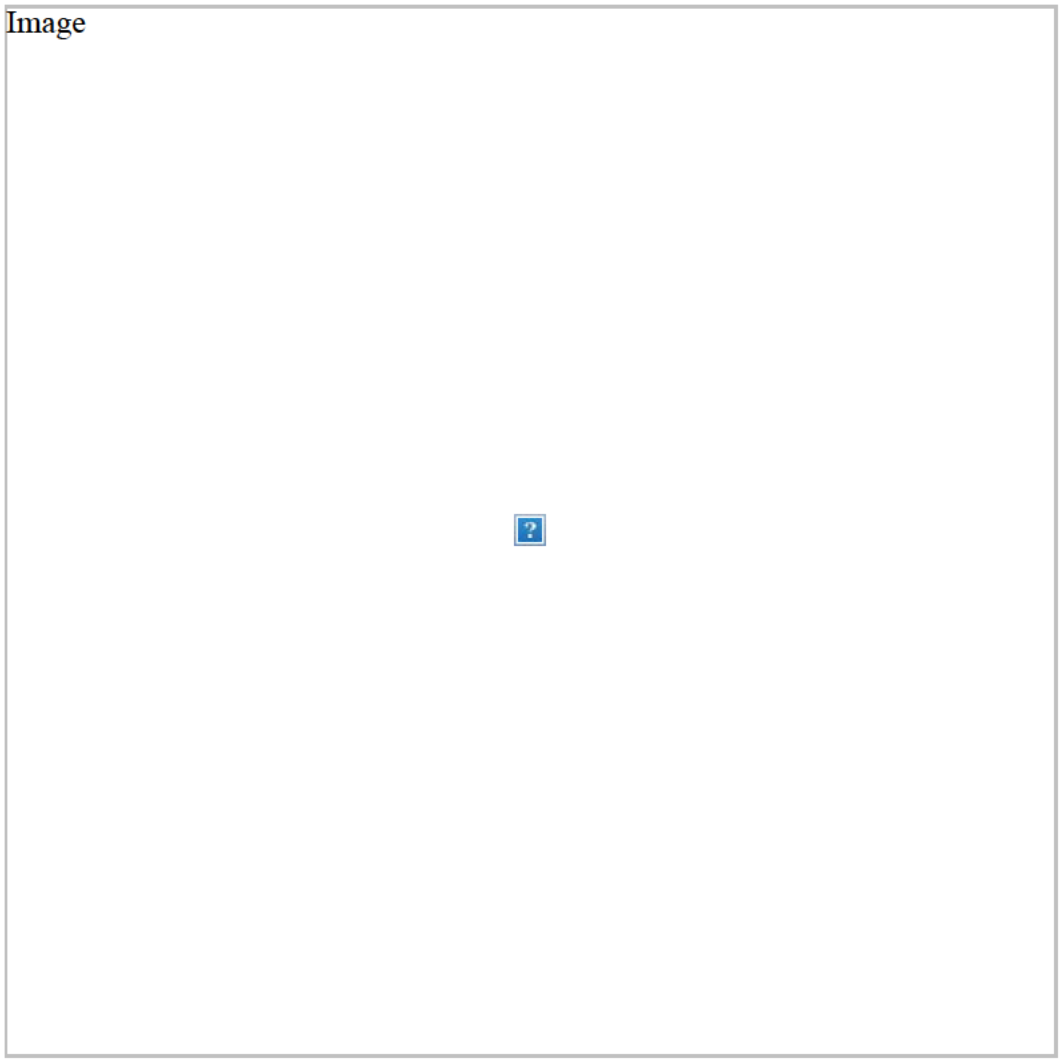
Following remarks in Chicago at the annual International Association of Chiefs of Police conference, the president signed an executive order establishing the Commission on Law Enforcement and the Administration of Justice. The commission will study the influence of substance abuse, homelessness and mental illness on crime as well as examine best practices to recruit, train and support law enforcement, among other things.

“Rigorous study of crime, including its causal factors, and current law enforcement practices is essential to assessing our

current criminal justice system's merits and opportunities for improvement," the executive order stated. "Public safety and proper policing are issues of both national and local significance that continue to require the close cooperation and coordination between the Department of Justice and state, local, and tribal law enforcement."

Quality Afterschool Programs Proven to Reduce Crime

Image



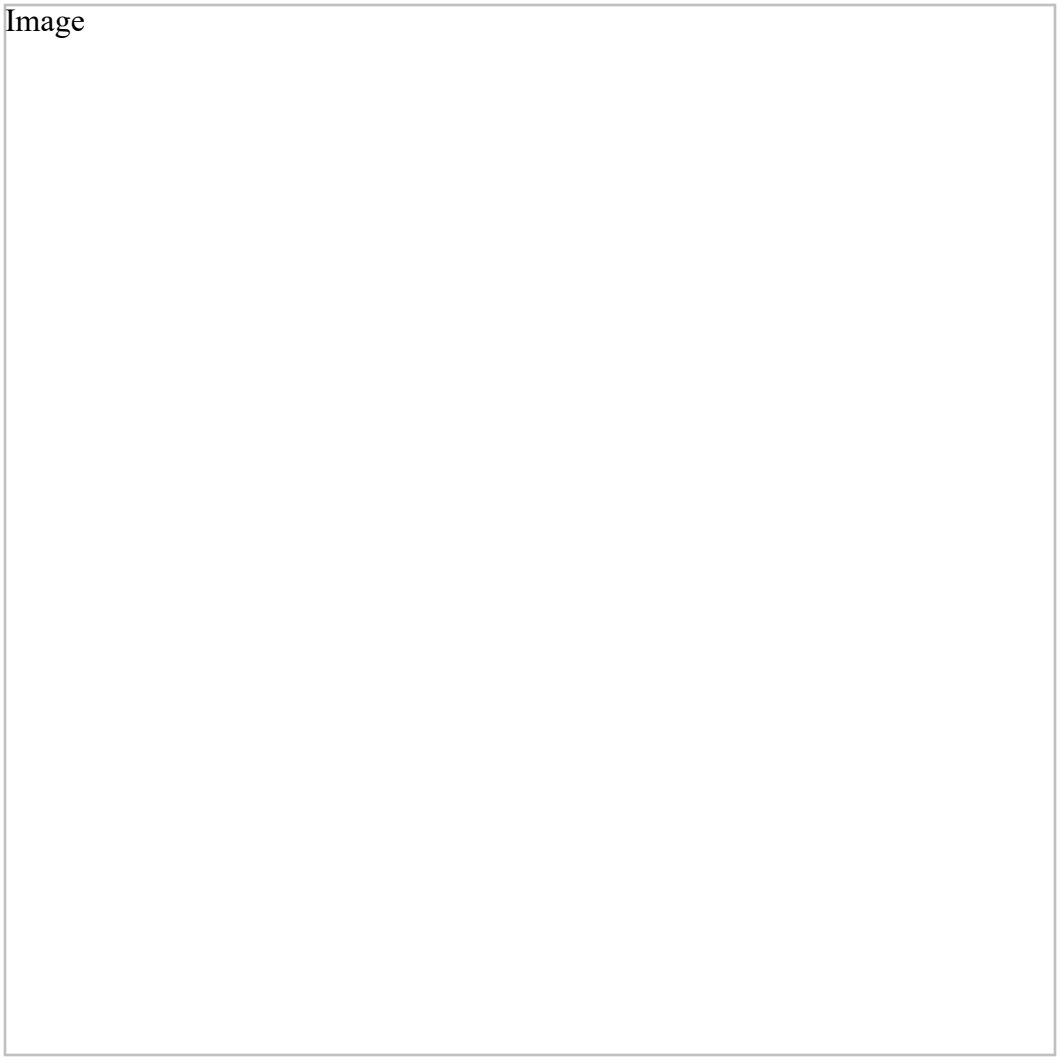
As a member of your District Attorney's Office for almost 30 years, and your DA for nearly 10, I've learned that the hours after school lets out are the prime time for juvenile crime.

It is between these hours of 2 to 6 p.m. that youth are more likely to be arrested for assault, theft and drug-related crimes.

Quality afterschool programs have been proven to reduce these crimes in our community, keep students engaged, and improve academic performance and student behavior.

A new report from Fight Crime: Invest in Kids shows that when youth have access to high-quality, affordable afterschool programming, they benefit immensely from homework help and outdoor activities, and they're less likely to commit or become victims of crime.

Australia's government is floating an idea to scan internet users' faces before they can watch porn online



Australia's Department of Home Affairs has touted an idea to use facial recognition software in order to verify internet users ages before they can access pornography or gambling websites.

In its parliamentary submission, the department says that its Document Verification Service and Face Verification Service — though broadly intended to be used as systems for fighting crime and identity theft — could also be used by police for age verification controls.

"This could assist in age verification, for example by preventing a minor from using their parent's driver licence to circumvent age verification controls," the submission states.

"Whilst they are primarily designed to prevent identity crime, Home Affairs would support the increased use of the

Document and Face Verification Services across the Australian economy to strengthen age verification processes."

Police turn to hackers in Australia's first crowdsourced attempt to find missing people

Image



For decades the traditional 'missing person' poster has been used to enlist the community's help to find individuals who may be in danger.

But with more than 2,600 Australians now listed as a "long-term" disappearance, the federal police are trying what they hope will be a more successful tactic: turning the search into a

game.

More than 350 internet sleuths and "ethical hackers" — hobbyists and professionals — gathered at 10 locations around the country on Friday in a national missing-persons "hackathon".

The aim was to generate leads for 12 of Australia's most frustrating cold cases, using sophisticated but legal methods of trawling the internet.

And organisers said the results were astounding: 100 leads were generated every 10 minutes the competing teams worked.

Police overseas have used crowdsourcing in the past for help with isolated cases, aided by these largely voluntary "open-source intelligence" (OSINT) enthusiasts.

But Linda Cavanagh, of the Canberra Cyber Security Innovation Node, said the Australian event was the first of its kind to be deployed on a national scale.

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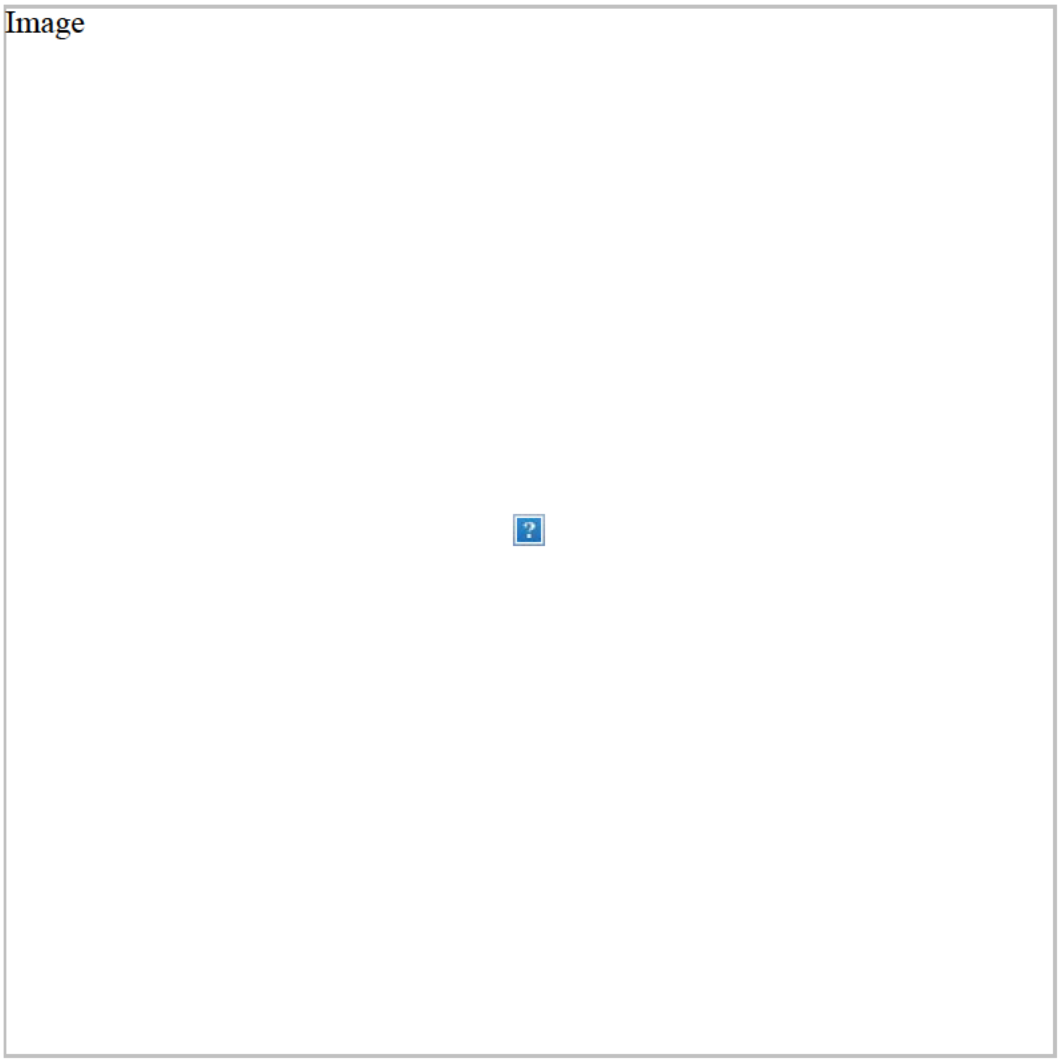
10 of the Best Tools to Find Relevant Influencers on Social Media

Image

While it's become a much bigger consideration in recent years, influencer marketing, as a practice, has actually existed for a very long time. In the past, however, influencers were only on TV or in magazines, and unlike social media, TV and newspapers are limited, which led to a situation where a select number of celebrities were able to charge tons of money for making an ad for Pepsi or Swatch in order to influence consumer behavior.

With the birth of social platforms, everything changed. The Internet has no limits, there can be as many influencers as the world requires. They can be of any age and social status, and in any area of expertise (or no area of expertise). And they can work with any brand.

How Your Volunteering Trip Could Contribute To Human Trafficking



The advent of cheap air travel and Instragammable holiday photos, combined with a longing for meaning, has created a new breed of traveler: the voluntourist. This ever-growing trend describes people, most often young and affluent Westerners, who travel to the global South to help with community projects.

While no doubt sweetly intentioned, there is considerable concern over the fad of “voluntourism” and whether it does more harm than good for the communities in developing countries – especially when it involves children or work at an orphanage. On the surface of the problem, it’s questionable whether treating the developing world as a playground is an effective model to address systemic poverty and care for vulnerable children.

An anthropological study published in the Journal of Sustainable Tourism has shown how volunteer programs can actually contribute towards a superficial understanding of poverty that distracts from the larger systems that produce inequality and poverty. Through a series of in-depth interviews with young people from the US who volunteered in Malawi, they found their volunteer work was often carried out through a colonial and “mythologized” image of a helpless Africa needing the benevolence of the West. The volunteers also viewed African poverty in terms of the “American Dream” and the idea of pulling oneself out of poverty through hard work, as opposed to deep-rooted economic, social, and historical factors at play.



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If you have an article you would like to see featured in this publication please contact Brian Gray at intelligenceanalysis@mac.com

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This email was sent to kerra.huchowski@pol.state.ma.us.

Click here to view the online version.

From: brian.egnitz@pol.state.ma.us
To: Eric Weisz
Subject: Re: ALPR UPDATE
Date: Tuesday, February 26, 2019 12:07:38 PM

What's your phone?

On Feb 7, 2019, at 11:27 PM, Eric Weisz <eweisz@brekford.com> wrote:

> Brian and Dave, sorry for my delay, I'm just getting caught up on emails during my travel.
>
> We have Ryan, our engineer that developed the Finder software (and one that would be able to answer all your technical questions about the other parts of OpenALPR) slated to fly to Boston with Dave from MD with the test unit for you.
>
> If you could set aside a few min on Thursday, I assure you that's all it will take.
>
> Here are instructions for you to access the openalpr backend and all the reads we did.
>
> Attached are a brief explanation for how to do the SFTP hotlist upload and import. Here is the SFTP info for the finder:
>
> Mass State Police -- [redacted]
>
> host: finderhotlist.brekford.com
>
> user: [redacted]
>
> password: [redacted]
>
> [redacted]
>
> The hotlist format is exactly the same as the manual import. Here is the information about that. This is the same information that was in the original manual.
>
> *Hotlists must be formatted as follows:*
>
> *plate,state,category,message*
>
> *abc1234,us-md,stolen,stolen car*
>
> - *Plate*

Required

- *State*
  - *Optional*
  - *Must be formatted as country code – state abbreviation ex. us-md us-fl*
- *Category*
  - *Optional*
  - *Will be displayed in the Alert Notification Area. Recommended to use short words like stolen, repossess, amber alert*
  - *If left blank Alert Notification area will just display HOTLIST*
- *Message*
  - *Optional*

Attached as well are some samples.

For the backend here is the information:

Mass State Police -- [redacted]

host: https://finderdemo4.brekford.com

user: demo@brekford.com

password: [redacted]

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Wednesday, February 06, 2019 6:49 AM
To: Dave Brown <dave.brown@globalpublicsafety.us>
Cc: Eric Weisz <eweisz@brekford.com>
Subject: Re: ALPR UPDATE

No problem, thanks Dave

On Feb 5, 2019, at 4:29 PM, Dave Brown <dave.brown@globalpublicsafety.us> wrote:

> Hi Brian, I want to apologize for the demo yesterday. The unit was tested and trouble shot last night and today it was determined there was nothing wrong. The unit grab plates for the 20-30 minutes we were driving around. Eric has the plate info on the server and can explain how you can access the data.
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> We were able to determine the issue was with the tablets wifi. The tablet kept trying to connect to the vehicle hotspot and therefore disconnecting from the reader, but the cameras were still recording plates the whole time.
>
> I am getting the unit back and will get it you as soon as I can.

Thank you,

<image001.png>Dave Brown
Director Mobile Technology
Global Publc Safety
240-904-4307
Dave.brown@globalpublicsafety.us

<SFTP Hotlist Import.docx>

<frederick-speedtix.csv>

<hotlist.csv>

<Alpr Insrtructions.docx>

From: Egnitz, Brian (POL)
To: Eric Weisz
Cc: Dave Brown
Subject: Re: ALPR UPDATE
Date: Friday, February 8, 2019 7:14:04 AM

Thanks, but don't fly in on my account. Ship it out and let's do a con call.

-Brian

On Feb 7, 2019, at 11:27 PM, Eric Weisz <eweisz@brekford.com> wrote:

> Brian and Dave, sorry for my delay, I'm just getting caught up on emails during my travel.
>
> We have Ryan, our engineer that developed the Finder software (and one that would be able to answer all your technical questions about the other parts of OpenALPR) slated to fly to Boston with Dave from MD with the test unit for you.
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>
> Mass State Police -- [G.L. c. 4.sec. 7.cl.26]
>
> host: finderhotlist.brekford.com
>
> user: [G.L. c. 4.sec. 7.cl.26]
>
> password: [G.L. c. 4.sec. 7.cl.26 (n)(sec]
>
> [G.L. c. 4.sec. 7.cl.26]
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> *abc1234,us-md,stolen,stolen car*

- *Plate*
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  - *Will be displayed in the Alert Notification Area. Recommended to use short words like stolen, repossess, amber alert*
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Attached as well are some samples.

For the backend here is the information:

Mass State Police -- [redacted]

host: https://finderdemo4.brekford.com

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password: [redacted]

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Wednesday, February 06, 2019 6:49 AM
To: Dave Brown <dave.brown@globalpublicsafety.us>
Cc: Eric Weisz <eweisz@brekford.com>
Subject: Re: ALPR UPDATE

No problem, thanks Dave

On Feb 5, 2019, at 4:29 PM, Dave Brown <dave.brown@globalpublicsafety.us> wrote:

> Hi Brian, I want to apologize for the demo yesterday. The unit was tested and trouble shot last night and today it was determined there was nothing wrong. The unit grab plates for the 20-30 minutes we were driving around. Eric has the plate info on the server and can explain how you can access the data.
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> We were able to determine the issue was with the tablets wifi. The tablet kept trying to connect to the vehicle hotspot and therefore disconnecting from the

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I am getting the unit back and will get it you as soon as I can.

Thank you,

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Director Mobile Technology
Global Publc Safety
240-904-4307
Dave.brown@globalpublicsafety.us

<SFTP Hotlist Import.docx>

<frederick-speedtix.csv>

<hotlist.csv>

<Alpr Insrtructions.docx>

From: brian.egnitz@pol.state.ma.us
To: Eric Weisz
Cc: Dave Brown
Subject: Re: ALPR UPDATE
Date: Friday, February 8, 2019 7:14:03 AM

Thanks, but don't fly in on my account. Ship it out and let's do a con call.

-Brian

On Feb 7, 2019, at 11:27 PM, Eric Weisz <eweisz@brekford.com> wrote:

> Brian and Dave, sorry for my delay, I'm just getting caught up on emails during my travel.
>
> We have Ryan, our engineer that developed the Finder software (and one that would be able to answer all your technical questions about the other parts of OpenALPR) slated to fly to Boston with Dave from MD with the test unit for you.
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>
> password: [G.L. c. 4.sec. 7.cl.26 (n)(sec]
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> *abc1234,us-md,stolen,stolen car*

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- *Message*
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Attached as well are some samples.

For the backend here is the information:

Mass State Police -- [redacted]

host: https://finderdemo4.brekford.com

user: demo@brekford.com

password: [redacted]

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Wednesday, February 06, 2019 6:49 AM
To: Dave Brown <dave.brown@globalpublicsafety.us>
Cc: Eric Weisz <eweisz@brekford.com>
Subject: Re: ALPR UPDATE

No problem, thanks Dave

On Feb 5, 2019, at 4:29 PM, Dave Brown <dave.brown@globalpublicsafety.us> wrote:

> Hi Brian, I want to apologize for the demo yesterday. The unit was tested and trouble shot last night and today it was determined there was nothing wrong. The unit grab plates for the 20-30 minutes we were driving around. Eric has the plate info on the server and can explain how you can access the data.
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I am getting the unit back and will get it you as soon as I can.

Thank you,

<image001.png>Dave Brown
Director Mobile Technology
Global Publc Safety
240-904-4307
Dave.brown@globalpublicsafety.us

<SFTP Hotlist Import.docx>

<frederick-speedtix.csv>

<hotlist.csv>

<Alpr Insrtructions.docx>

From: brian.egnitz@pol.state.ma.us
To: Dave Brown
Cc: Eric Weisz
Subject: Re: ALPR UPDATE
Date: Wednesday, February 6, 2019 6:49:26 AM

No problem, thanks Dave

On Feb 5, 2019, at 4:29 PM, Dave Brown <dave.brown@globalpublicsafety.us> wrote:

> Hi Brian, I want to apologize for the demo yesterday. The unit was tested and trouble shot last night and today it was determined there was nothing wrong. The unit grab plates for the 20-30 minutes we were driving around. Eric has the plate info on the server and can explain how you can access the data.
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>
> Thank you,
>
> <!--[if !vml]--><image001.png><!--[endif]-->Dave Brown
> Director Mobile Technology
> Global Publc Safety
> 240-904-4307
> Dave.brown@globalpublicsafety.us

From: Eric Weisz
To: Egnitz, Brian (POL)
Subject: RE: ALPR UPDATE
Date: Tuesday, February 26, 2019 12:12:28 PM

[redacted]

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Tuesday, February 26, 2019 12:08 PM
To: Eric Weisz <eweisz@brekford.com>
Subject: Re: ALPR UPDATE

What's your phone?

On Feb 7, 2019, at 11:27 PM, Eric Weisz <eweisz@brekford.com> wrote:

> Brian and Dave, sorry for my delay, I'm just getting caught up on emails during my travel.
>
> We have Ryan, our engineer that developed the Finder software (and one that would be able to answer all your technical questions about the other parts of OpenALPR) slated to fly to Boston with Dave from MD with the test unit for you.
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> host: finderhotlist.brekford.com
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> user: [redacted]
>
> password: [redacted]
>
> [redacted]
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> The hotlist format is exactly the same as the manual import. Here is the information about that. This is the same information that was in the original manual.
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> *Hotlists must be formatted as follows:*

plate,state,category,message

abc1234,us-md,stolen,stolen car

- *Plate*
  - *Required*
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  - *Optional*
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  - *Optional*
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  - *If left blank Alert Notification area will just display HOTLIST*
- *Message*
  - *Optional*

Attached as well are some samples.

For the backend here is the information:

Mass State Police -- [redacted]

host: https://finderdemo4.brekford.com

user: demo@brekford.com

password: [redacted]

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Wednesday, February 06, 2019 6:49 AM
To: Dave Brown <dave.brown@globalpublicsafety.us>
Cc: Eric Weisz <eweisz@brekford.com>
Subject: Re: ALPR UPDATE

No problem, thanks Dave

On Feb 5, 2019, at 4:29 PM, Dave Brown <dave.brown@globalpublicsafety.us> wrote:

> Hi Brian, I want to apologize for the demo yesterday. The unit was tested and trouble shot last night and today it was determined there was nothing wrong. The unit grab plates for the 20-30 minutes we were driving around. Eric has the plate info on the server and can explain how you can access the data.
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> Thank you,
>
> <image001.png>Dave Brown
> Director Mobile Technology
> Global Publc Safety
> 240-904-4307
> Dave.brown@globalpublicsafety.us

<SFTP Hotlist Import.docx>

<frederick-speedtix.csv>

<hotlist.csv>

<Alpr Insrtructions.docx>

From:	Egnitz, Brian (POL)
To:	John Tedona
Cc:	Michael Roth; Mitchell, Timothy (EPS); Israel Padilla; Michell Itallekzi Garcia Garcia; Peter Crary; Quinn, Dermot (POL)
Subject:	RE: lpr app server
Date:	Monday, February 25, 2019 3:53:00 PM

Disregard John, it's in the manual Mike sent

From: Egnitz, Brian (POL)
Sent: Monday, February 25, 2019 3:33 PM
To: John Tedona
Cc: Michael Roth; Mitchell, Timothy (EPS); Israel Padilla; Michell Itallekzi Garcia Garcia; Peter Crary; Quinn, Dermot (POL)
Subject: Re: lpr app server

That sounds good John, do you have any network diagrams on the traffic flow to see if this is an option for us?

On Feb 25, 2019, at 3:13 PM, John Tedona <jtedona@neology.net> wrote:

> Brian,
>
> Once the upgrade to BOSS 3.6 is complete we'll upload a demo version of Mantis app the provides you the ability to search vehicles based on type, brand, color, and "other" (several descriptors such as an Uber sticker, or some unique image that is predefined) The extra search fields are shown below on the right side portion of the BOSS screen shot.
>
> At this time Mantis is cloud based so you will need to access the url.
>
> <image004.png>
>
> **John Tedona**
> **PIPS TECHNOLOGY** - A Neology Business
> Sales Manager
> 12760 Danielson Ct. Suite A
> Poway, CA 92064
> Phone: 201-841-6237
> Email: jtedona@neology.net
> PIPS Support: support@pipstechnology.com 833-747-7577, Option 1 for sales, Option 2 for Support
> **www.pipstechnology.com**
>
> **From:** Michael Roth <mroth@neology.net>

Sent: Monday, February 25, 2019 2:29 PM
To: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>; Mitchell, Timothy (EPS) <timothy.mitchell@state.ma.us>
Cc: Israel Padilla <ipadilla@neology.mx>; Michell Itallekzi Garcia Garcia <colaborador6@neopartners.mx>; Peter Crary <pcrary@neology.net>; John Tedona <jtedona@neology.net>; Quinn, Dermot (POL) <dermot.quinn@state.ma.us>
Subject: RE: lpr app server

For the sake of cleanup the email chain and staring with a new list of priority's on the upgrade I'll be sending out a new chain on this topic.

<image006.png>Michael B. Roth
ALPR Technician
O: 858.391.0260 Ext. 1234
C: 513.767.7610
mroth@neology.net
A <image008.png> Business
www.pipstechnology.com

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Monday, February 25, 2019 1:22 PM
To: Mitchell, Timothy (EPS) <timothy.mitchell@state.ma.us>
Cc: Israel Padilla <ipadilla@neology.mx>; Michael Roth <mroth@neology.net>; Michell Itallekzi Garcia Garcia <colaborador6@neopartners.mx>; Peter Crary <pcrary@neology.net>; John Tedona <jtedona@neology.net>; Quinn, Dermot (POL) <dermot.quinn@state.ma.us>
Subject: RE: lpr app server

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Tim,

Can we please have the RAM increased on the SQL server to align with the sizing recommendations? I would also like to schedule the version upgrade. I spoke to Mike Roth about the upgrade and although there shouldn't be an issue, in some instance users have had trouble connecting to the client. An email notification may be necessary advising users with issues to re-download the client.

Thanks, Brian

From: Michael Roth [mailto:mroth@neology.net]
Sent: Monday, February 25, 2019 12:27 PM
To: Egnitz, Brian (POL)
Cc: Israel Padilla; Michell Itallekzi Garcia Garcia; Peter Crary; Mitchell, Timothy (EPS); John

Tedona; Quinn, Dermot (POL)
Subject: RE: lpr app server

Brian, following up on our phone conversation. Based on the information you provide I can concur that those data cycle purge settings are the most optimal for your database in its current state, you've managed to eliminate task scheduling conflictions that were occurring previously and are now stabilized. Last remaining issue is you're still getting failed data insets during schedule purge cycles, your testing revels SQL system resources are overloaded during this timeframe which in turns is causing new records from getting inserted into the database.

PIPS recommendation:
Based on your total device count, daily data intake and number of uses this puts your system in the category of "High Capacity" based on our system specification char (Attached). Currently your SQL server is operation with 32GB of ram, recommend scaling your current SQL server to a min of 64GB of available ram and possibly to 128GB to accommodate the additional heavy loads imposed by SQL maintenance procedures like Db backups and index reorganizations.

<image009.png>Michael B. Roth
ALPR Technician
O: 858.391.0260 Ext. 1234
C: 513.767.7610
mroth@neology.net
A <image008.png> Business
www.pipstechnology.com

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Monday, February 25, 2019 10:13 AM
To: Michael Roth <mroth@neology.net>
Cc: Israel Padilla <ipadilla@neology.mx>; Michell Itallekzi Garcia Garcia <colaborador6@neopartners.mx>; Peter Crary <pcrary@neology.net>; Mitchell, Timothy (EPS) <timothy.mitchell@state.ma.us>; John Tedona <jtedona@neology.net>; Quinn, Dermot (POL) <dermot.quinn@state.ma.us>
Subject: RE: lpr app server

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Mike,

Can you give me a call when you have a chance.

[redacted]

-Brian

From: Egnitz, Brian (POL)
Sent: Tuesday, February 19, 2019 6:24 PM
To: 'Michell Itallekzi Garcia Garcia'
Cc: Israel Padilla; Michael Roth; Peter Crary; Mitchell, Timothy (EPS); John Tedona; Quinn, Dermot (POL)
Subject: RE: lpr app server

Hi Michell,

Boss is working and I continued to tweak things over the weekend. Here is the current status;

- I'm waiting for a tuning guide or recommendations from Peter or Mike Roth
- The boss recent read purge is set to the below image
- I've put in a redundant recent read purge sql agent script to run outside the boss app server recent read purge so it stops crashing. The current recent reads settings (app server purge job) fails often
- I continue to see purge read, notification sp issues and failed inserts in the logs and on the app server
- Boss hits appear to be working with these settings
- I need the config and latest failed read insert code, also can this be scripted and automated?
- The purge read isn't keeping up

-Brian

<image010.png>

From: Michell Itallekzi Garcia Garcia [mailto:colaborador6@neopartners.mx]
Sent: Tuesday, February 19, 2019 10:17 AM
To: Egnitz, Brian (POL)
Cc: Israel Padilla; Michael Roth; Peter Crary; Mitchell, Timothy (EPS); John Tedona; Quinn, Dermot (POL)
Subject: Re: lpr app server

Hello Brian:

We want to know if your BOSS is working fine after the change that you did.

If you need help, please let us know.

Best regards!

On Sat, Feb 16, 2019 at 11:41 AM Egnitz, Brian (POL) <brian.egnitz@state.ma.us> wrote:

> No problem, I've found that using the app server job to purge recent reads is failing. I readjust and enabled the agent job to prevent the recent read table to grow too big and crash the app.
>
> On Feb 16, 2019, at 11:43 AM, Israel Padilla <ipadilla@neology.mx> wrote:
>
> > Thanks for the update.
> >
> > If you want, we can connect review the logs generated over the weekend on Monday.
> >
> > Thank you for your time in reviewing this.
> >
> > Israel Padilla Sánchez
> >
> > Projects Engineering Manager
> >
> > C +52 1 55 2107 8539 | O +52 55 4040 1452 | S ipadilla@neology.mx
> >
> > Lago Zúrich 219, Piso 10 Oficina 1001, C.P. 11529, CDMX, México
> >
> > La información contenida en esta comunicación es confidencial y está dirigida únicamente para el uso del nombrado destinatario, y además, puede ser legalmente privilegiada. Si usted no es el nombrado destinatario, se le notifica que cualquier divulgación, distribución, copia o uso de esta comunicación, o alguna parte de su contenido, está estrictamente prohibido. Por favor notifique inmediatamente al remitente por e-mail y borre el mensaje original y cualquier copia del mismo de su sistema informático. La integridad, la seguridad y la ausencia de virus en este mensaje no se puede garantizar en Internet. Por lo tanto, el remitente no se hace responsable por cualquier error u omisión en el contenido de este mensaje, ni los daños causados, que surgen como consecuencia del envío de correos electrónicos.
> > The information contained in this communication is confidential and intended only for the use of the recipient named, and may also be legally privileged. If you are not the intended recipient (named addressee), you are hereby notified that any dissemination, distribution, copying or making use of this communication, or any of its contents, is strictly prohibited. Please notify the sender immediately by e-mail and delete the original message and any copy of it from your computer system. The integrity, security of and absence of viruses in this message cannot be guaranteed on the Internet. The sender therefore does not accept liability for any

errors or omissions in the contents of this message, nor any damage caused, which arise as a result of e-mail transmission.

On Sat, Feb 16, 2019, 9:21 AM Egnitz, Brian (POL) <brian.egnitz@state.ma.us> wrote:

> I think I found the issue, when we migrated the DB server we copied over the recent reads purge script. Which is fine, as it was custom tuned to the DB. However when we migrated to the new app server, the recent reads purge triggred from the app server started working (I suspect it didn't on the old server due to resources). This is/ws/maybe causing the "using SQL server at the same time" issue below you identified.
>
> To test this out, I've disabled the app server purge by setting it to purge 1 per 60 minutes and used the custom Agent read purge job. I've also set the recent reads time and count higher than the custom recent reads script settings, so this shouldn't find anything and cause any deadlocks or blocks.
>
> **Error! Filename not specified.**
>
> -Brian
>
> ---
>
> **From:** Egnitz, Brian (POL)
> **Sent:** Saturday, February 16, 2019 8:23 AM
> **To:** Michell Itallekzi Garcia Garcia; Michael Roth; Peter Crary
> **Cc:** Israel Padilla; Mitchell, Timothy (EPS); John Tedona
> **Subject:** Re: lpr app server
>
> There isn't anything else running or locking. The delay in reads look like a performance issue on BOSS. We consistently see errors in that notification SP.
>
> Can we get guidance on how to set the recent reads? What should be the optimum size; for large instances, should it be shorter or longer?
>
> Also, we have over 700+ hotlists that are mostly set to poll for changes. Would this be causing an issue?
>
> Thanks, Brian
>
> Thanks, Brian
>
> On Feb 15, 2019, at 10:44 AM, Michell Itallekzi Garcia Garcia <colaborador6@neopartners.mx> wrote:
>
> Hello Brian:

As I can see yesterday on your server and the errors that you reported us, I believe that some process maybe is using the SQL Server at the same time that BOSS service and the process that BOSS executes are taking more time that the application is waiting. This maybe is the reason why BOSS print an error on the logs file, but most of the time the process finishes on SQL Server.

Is it possible, please request to your DBA help us to check if SQL Server is working fine in order to discard the previous point.

In the other hand, when the reads are coming and the SQL Server is busy, BOSS cannot to insert them and create "FailReadsXXXXX.xlm" files. We can help you to reinsert them. We use an own software in order to connect with BOSS3 database and insert them. If you want to do it, please let me connect and use your server.

If you have another question, please let us know.

Best regards.

On Fri, Feb 15, 2019 at 7:44 AM Egnitz, Brian (POL) <brian.egnitz@state.ma.us> wrote:

> Latest logs for review. I noticed some timeouts and failed reads, but no new crashes. The one app recycle was done manually after the config change.
>
> <image001.png>
>
> **From:** Michell Itallekzi Garcia Garcia [mailto:colaborador6@neopartners.mx]
> **Sent:** Thursday, February 14, 2019 5:09 PM
> **To:** Egnitz, Brian (POL)
> **Cc:** Israel Padilla; Mitchell, Timothy (EPS); Michael Roth; Peter Crary; John Tedona
> **Subject:** Re: lpr app server

Hello Brian:

After to review the log files that you shared with me, we believe that it was because meanwhile BOSS service was stopping a device was sending a read, so with the shutdown, the connection was aborted and the buffer was damaged and when the camera tried to send a read, it was corrupted so BOSS cannot process it.

I can see that the old record complies with the retention policy (1 year) and the BOSS was working fine, it receives reads and you can make searches.

I don't know if you've seen any strange BOSS behavior during the day.

Regards!

---------- Forwarded message ---------
From: **Egnitz, Brian (POL)**
<brian.egnitz@state.ma.us>
Date: Thu, Feb 14, 2019 at 11:53 AM
Subject: RE: lpr app server
To: Michell Itallekzi Garcia Garcia
<colaborador6@neopartners.mx>
Cc: Israel Padilla <ipadilla@neology.mx>,
Mitchell, Timothy (EPS) <
timothy.mitchell@state.ma.us>

Meet Now

Please join my meeting from your computer, tablet or smartphone.
https://global.gotomeeting.com/join/835338021

You can also dial in using your phone.
(For supported devices, tap a one-touch number below to join instantly.)

United States: +1 (872) 240-3212
- One-touch: tel:+18722403212,,835338021#

Access Code: [redacted]

First GoToMeeting? Let's do a quick system check:
https://link.gotomeeting.com/system-check

From: Michell Itallekzi Garcia Garcia [mailto:colaborador6@neopartners.mx]
Sent: Thursday, February 14, 2019 12:51 PM
To: Egnitz, Brian (POL)
Cc: Israel Padilla; Mitchell, Timothy (EPS)
Subject: Re: lpr app server

Hello Brian:

Could you share with me your TeamViewer13 ID,please?
If you use another TeamViewer version, please download our client from this URL: https://get.teamviewer.com/neoqs

Best Regards!

On Thu, Feb 14, 2019 at 11:39 AM Egnitz, Brian (POL) <brian.egnitz@state.ma.us> wrote:

> Hi, we are seeing a lot of "log in failure" and the service being stopped. Can we set up a remote session?
>
> On Feb 14, 2019, at 9:16 AM, Michell Itallekzi Garcia Garcia <colaborador6@neopartners.mx> wrote:
>
> > Hello Brian:
> >
> > I'M available to help you.
> > Regards.
> >
> > El jue., 14 de febrero de 2019 8:07, Mitchell, Timothy (EPS) <timothy.mitchell@state.ma.us> escribió:
> >
> > > Brian
> > > We just changed the IP address and started the service on the new server. I was able to log in

and run a test and get responses back.

Can you verify that things are working properly?
Thanks

Timothy Mitchell
Massachusetts Executive Office of Public Safety and Security
Office of Technology and Information Services
Enterprise and Field Services Support Division
Public Safety Data Center
200 Arlington St., Suite 2200
Chelsea, MA 02150
(P) 617.660.4665
(F) 617.884.4601
(E) timothy.mitchell@state.ma.us
http://www.mass.gov/eops

From: Michell Itallekzi Garcia Garcia <colaborador6@neopartners.mx>
Sent: Thursday, February 14, 2019 9:00 AM
To: Mitchell, Timothy (EPS) <timothy.mitchell@mass.gov>
Cc: Israel Padilla <ipadilla@neology.mx>; Egnitz, Brian (POL) <brian.egnitz@pol.state.ma.us>; jtedona@neology.net; pcrary@neology.net
Subject: Re: FW: lpr app server

Hello.

Please give me 5 minutes, because our office is closed. I'm waiting for someone with keys.

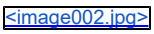
Regards!

El jue., 14 de febrero de 2019 7:54, Mitchell, Timothy (EPS) <timothy.mitchell@state.ma.us> escribió:

> Good morning
> We are planning to make the IP change in 5 minutes. I will advise when it is all set.
> Thanks
>
> Timothy Mitchell
> Massachusetts Executive Office of Public Safety and Security
> Office of Technology and Information Services
> Enterprise and Field Services Support Division
> Public Safety Data Center
> 200 Arlington St., Suite 2200
> Chelsea, MA 02150
> (P) 617.660.4665
> (F) 617.884.4601
> (E) timothy.mitchell@state.ma.us
> http://www.mass.gov/eops
>
> **From:** Israel Padilla <ipadilla@neology.mx>
> **Sent:** Wednesday, February 13, 2019 10:52 AM
> **To:** Egnitz, Brian (POL) <brian.egnitz@pol.state.ma.us>
> **Cc:** Michell Itallekzi Garcia Garcia <colaborador6@neopartners.mx>; Mitchell, Timothy (EPS) <timothy.mitchell@mass.gov>; jtedona@neology.net; pcrary@neology.net
> **Subject:** Re: FW: lpr app server
>
> Great, thanks!
> Israel Padilla Sánchez
> Project Engineering Manager
> C +52 1 55 2107 8539 | O +52 55

4040 1452 | S ipadilla@neology.mx

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C.P. 11529, CDMX, México



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On Wed, Feb 13, 2019 at 9:39 AM Egnitz, Brian (POL) <brian.egnitz@state.ma.us> wrote:

> Thank you, we will do the IP swap and communicate back on this thread tomorrow starting at 9:00 AM EST.
>
> -Brian
>
> **From:** Michell Itallekzi Garcia Garcia [mailto:colaborador6@neopartners.mx]
> **Sent:** Wednesday, February 13, 2019 10:30 AM

To: Egnitz, Brian (POL)
Cc: Israel Padilla; Mitchell, Timothy (EPS); jtedona@neology.net; pcrary@neology.net
Subject: Re: FW: lpr app server

Hello Brian:

Yes, I can help you tomorrow.

Regards!

On Wed, Feb 13, 2019 at 8:49 AM Egnitz, Brian (POL) <brian.egnitz@state.ma.us> wrote:

> Hi Israel,
>
> We are looking to swap the IP over to the new BOSS server, are you or a member of the support team available tomorrow at 9:00 AM EST in case we have any issues?
>
> Thanks, Brian
>
> ---
>
> **From:** Mitchell, Timothy (EPS)
> **Sent:** Tuesday, February 12, 2019 6:56 PM
> **To:** Egnitz, Brian (POL)
> **Subject:** Re: lpr app server
>
> Brian
> Can we do this on Thursday morning at 9am? I will stop the service on the old server, change the ip's and then start the service on the new server.
> Thanks
>
> Sent from my iPhone

On Feb 6, 2019, at 6:44 AM, Egnitz, Brian (POL) <brian.egnitz@pol.state.ma.us> wrote:

> No worries, 2/11-13 will work, 9:00 am would be fine. I want to get a neology tech available Incase there are any issues. Once the ip is swapped, the boss service will need to be stopped on the current server and started on the new. It's pretty straight forward.
>
> Thanks,
> Brian
>
> On Feb 1, 2019, at 12:57 PM, Mitchell, Timothy (EPS) <timothy.mitchell@mass.gov> wrote:
>
> > Hi Brian My apologies. I don't think I

ended up scheduling the update for the LPR app server IP change. When do you want to do it? We can do pretty much any day next week. Thanks

Timothy Mitchell
Massachusetts Executive Office of Public Safety and Security
Office of Technology and Information Services
Enterprise

and
Field
Services
Support
Division
Public
Safety
Data
Center
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--

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Error! Filename not specified.

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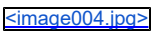
<image002.jpg>

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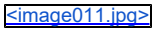


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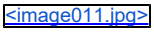


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From: brian.egnitz@pol.state.ma.us
To: Michael Roth
Subject: Re: lpr app server
Date: Monday, February 25, 2019 12:32:12 PM

Thanks Mike!!

On Feb 25, 2019, at 12:26 PM, Michael Roth <mroth@neology.net> wrote:

> Brian, following up on our phone conversation. Based on the information you provide I can concur that those data cycle purge settings are the most optimal for your database in its current state, you've managed to eliminate task scheduling conflictions that were occurring previously and are now stabilized. Last remaining issue is you're still getting failed data insets during schedule purge cycles, your testing revels SQL system resources are overloaded during this timeframe which in turns is causing new records from getting inserted into the database.
>
> PIPS recommendation:
> Based on your total device count, daily data intake and number of uses this puts your system in the category of "High Capacity" based on our system specification char (Attached). Currently your SQL server is operation with 32GB of ram, recommend scaling your current SQL server to a min of 64GB of available ram and possibly to 128GB to accommodate the additional heavy loads imposed by SQL maintenance procedures like Db backups and index reorganizations.

<!--[if !vml]--><image001.png><!--[endif]-->Michael B. Roth
ALPR Technician
O: 858.391.0260 Ext. 1234
C: 513.767.7610
mroth@neology.net
A <image002.png> Business
www.pipstechnology.com

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Monday, February 25, 2019 10:13 AM
To: Michael Roth <mroth@neology.net>
Cc: Israel Padilla <ipadilla@neology.mx>; Michell Itallekzi Garcia Garcia <colaborador6@neopartners.mx>; Peter Crary <pcrary@neology.net>; Mitchell, Timothy (EPS) <timothy.mitchell@state.ma.us>; John Tedona <jtedona@neology.net>; Quinn, Dermot (POL) <dermot.quinn@state.ma.us>
Subject: RE: lpr app server

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Mike,

Can you give me a call when you have a chance.

[redacted]

-Brian

From: Egnitz, Brian (POL)
Sent: Tuesday, February 19, 2019 6:24 PM
To: 'Michell Itallekzi Garcia Garcia'
Cc: Israel Padilla; Michael Roth; Peter Crary; Mitchell, Timothy (EPS); John Tedona; Quinn, Dermot (POL)
Subject: RE: lpr app server

Hi Michell,

Boss is working and I continued to tweak things over the weekend. Here is the current status;

- I'm waiting for a tuning guide or recommendations from Peter or Mike Roth
- The boss recent read purge is set to the below image
- I've put in a redundant recent read purge sql agent script to run outside the boss app server recent read purge so it stops crashing. The current recent reads settings (app server purge job) fails often
- I continue to see purge read, notification sp issues and failed inserts in the logs and on the app server
- Boss hits appear to be working with these settings
- I need the config and latest failed read insert code, also can this be scripted and automated?
- The purge read isn't keeping up

-Brian

<image007.png>

From: Michell Itallekzi Garcia Garcia [mailto:colaborador6@neopartners.mx]
Sent: Tuesday, February 19, 2019 10:17 AM
To: Egnitz, Brian (POL)
Cc: Israel Padilla; Michael Roth; Peter Crary; Mitchell, Timothy (EPS); John Tedona; Quinn, Dermot (POL)
Subject: Re: lpr app server

Hello Brian:

We want to know if your BOSS is working fine after the change that you

did.

If you need help, please let us know.

Best regards!

On Sat, Feb 16, 2019 at 11:41 AM Egnitz, Brian (POL) <brian.egnitz@state.ma.us> wrote:

> No problem, I've found that using the app server job to purge recent reads is failing. I readjust and enabled the agent job to prevent the recent read table to grow too big and crash the app.
>
> On Feb 16, 2019, at 11:43 AM, Israel Padilla <ipadilla@neology.mx> wrote:
>
> > Thanks for the update.
> >
> > If you want, we can connect review the logs generated over the weekend on Monday.
> >
> > Thank you for your time in reviewing this.
> >
> > Israel Padilla Sánchez
> >
> > Projects Engineering Manager
> >
> > C +52 1 55 2107 8539 | O +52 55 4040 1452 | S ipadilla@neology.mx
> >
> > Lago Zúrich 219, Piso 10 Oficina 1001, C.P. 11529, CDMX, México
> >
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On Sat, Feb 16, 2019, 9:21 AM Egnitz, Brian (POL) <brian.egnitz@state.ma.us> wrote:

> I think I found the issue, when we migrated the DB server we copied over the recent reads purge script. Which is fine, as it was custom tuned to the DB. However when we migrated to the new app server, the recent reads purge triggred from the app server started working (I suspect it didn't on the old server due to resources). This is/ws/maybe causing the "using SQL server at the same time" issue below you identified.
>
> To test this out, I've disabled the app server purge by setting it to purge 1 per 60 minutes and used the custom Agent read purge job. I've also set the recent reads time and count higher than the custom recent reads script settings, so this shouldn't find anything and cause any deadlocks or blocks.
>
> **Error! Filename not specified.**
>
> -Brian
>
> ---
>
> **From:** Egnitz, Brian (POL)
> **Sent:** Saturday, February 16, 2019 8:23 AM
> **To:** Michell Itallekzi Garcia Garcia; Michael Roth; Peter Crary
> **Cc:** Israel Padilla; Mitchell, Timothy (EPS); John Tedona
> **Subject:** Re: lpr app server
>
> There isn't anything else running or locking. The delay in reads look like a performance issue on BOSS. We consistently see errors in that notification SP.
>
> Can we get guidance on how to set the recent reads? What should be the optimum size; for large instances, should it be shorter or longer?
>
> Also, we have over 700+ hotlists that are mostly set to poll for changes. Would this be causing an issue?
>
> Thanks, Brian

Thanks, Brian

On Feb 15, 2019, at 10:44 AM, Michell Itallekzi Garcia Garcia <colaborador6@neopartners.mx> wrote:

Hello Brian:

As I can see yesterday on your server and the errors that you reported us, I believe that some process maybe is using the SQL Server at the same time that BOSS service and the process that BOSS executes are taking more time that the application is waiting. This maybe is the reason why BOSS print an error on the logs file, but most of the time the process finishes on SQL Server.

Is it possible, please request to your DBA help us to check if SQL Server is working fine in order to discard the previous point.

In the other hand, when the reads are coming and the SQL Server is busy, BOSS cannot to insert them and create "FailReadsXXXXX.xlm" files. We can help you to reinsert them. We use an own software in order to connect with BOSS3 database and insert them. If you want to do it, please let me connect and use your server.

If you have another question, please let us know.

Best regards.

On Fri, Feb 15, 2019 at 7:44 AM Egnitz, Brian (POL) <brian.egnitz@state.ma.us> wrote:

> Latest logs for review. I noticed some timeouts and failed reads, but no new crashes. The one app recycle was done manually after the config change.
>
> <image001.png>

From: Michell Itallekzi Garcia Garcia [mailto:colaborador6@neopartners.mx]
Sent: Thursday, February 14, 2019 5:09 PM
To: Egnitz, Brian (POL)
Cc: Israel Padilla; Mitchell, Timothy (EPS); Michael Roth; Peter Crary; John Tedona
Subject: Re: lpr app server

Hello Brian:

After to review the log files that you shared with me, we believe that it was because meanwhile BOSS service was stopping a device was sending a read, so with the shutdown, the connection was aborted and the buffer was damaged and when the camera tried to send a read, it was corrupted so BOSS cannot process it.

I can see that the old record complies with the retention policy (1 year) and the BOSS was working fine, it receives reads and you can make searches.

I don't know if you've seen any strange BOSS behavior during the day.

Regards!

---------- Forwarded message ---------
From: **Egnitz, Brian (POL)** <brian.egnitz@state.ma.us>
Date: Thu, Feb 14, 2019 at 11:53 AM
Subject: RE: lpr app server
To: Michell Itallekzi Garcia Garcia <colaborador6@neopartners.mx>
Cc: Israel Padilla <ipadilla@neology.mx>, Mitchell, Timothy (EPS) <timothy.mitchell@state.ma.us>

Meet Now

Please join my meeting from your computer, tablet or smartphone.
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(For supported devices, tap a one-touch number below to join instantly.)

United States: +1 (872) 240-3212
- One-touch: tel:+18722403212,,835338021#

Access Code: [redacted]

First GoToMeeting? Let's do a quick system check:
https://link.gotomeeting.com/system-check

From: Michell Itallekzi Garcia Garcia [mailto:colaborador6@neopartners.mx]
Sent: Thursday, February 14, 2019 12:51 PM
To: Egnitz, Brian (POL)
Cc: Israel Padilla; Mitchell, Timothy (EPS)
Subject: Re: lpr app server

Hello Brian:

Could you share with me your TeamViewer13 ID,please?
If you use another TeamViewer version, please download our client from this URL: https://get.teamviewer.com/neoqs

Best Regards!

On Thu, Feb 14, 2019 at 11:39 AM Egnitz, Brian (POL) <brian.egnitz@state.ma.us> wrote:

> Hi, we are seeing a lot of "log in failure" and the service being stopped. Can we set up a remote session?
>
> On Feb 14, 2019, at 9:16 AM, Michell Itallekzi Garcia Garcia <colaborador6@neopartners.mx> wrote:
>
> > Hello Brian:
> >
> > I'M available to help you.
> > Regards.
> >
> > El jue., 14 de febrero de 2019 8:07, Mitchell, Timothy (EPS)

<timothy.mitchell@state.ma.us>
escribió:

> Brian
> We just changed the IP address and started the service on the new server. I was able to log in and run a test and get responses back.
>
> Can you verify that things are working properly?
> Thanks

Timothy Mitchell
Massachusetts Executive Office of Public Safety and Security
Office of Technology and Information Services
Enterprise and Field Services Support Division
Public Safety Data Center
200 Arlington St., Suite 2200
Chelsea, MA 02150
(P) 617.660.4665
(F) 617.884.4601
(E)
timothy.mitchell@state.ma.us
http://www.mass.gov/eops

From: Michell Itallekzi Garcia Garcia <colaborador6@neopartners.mx>
Sent: Thursday, February 14, 2019 9:00 AM
To: Mitchell, Timothy (EPS) <timothy.mitchell@mass.gov>
Cc: Israel Padilla <ipadilla@neology.mx>; Egnitz, Brian (POL) <brian.egnitz@pol.state.ma.us>; jtedona@neology.net; pcrary@neology.net
Subject: Re: FW: lpr app server

Hello.

Please give me 5 minutes,

because our office is closed. I'm waiting for someone with keys.

Regards!

El jue., 14 de febrero de 2019 7:54, Mitchell, Timothy (EPS) <timothy.mitchell@state.ma.us> escribió:

> Good morning
> We are planning to make the IP change in 5 minutes. I will advise when it is all set.
> Thanks
>
> Timothy Mitchell
> Massachusetts Executive Office of Public Safety and Security
> Office of Technology and Information Services
> Enterprise and Field Services Support Division
> Public Safety Data Center
> 200 Arlington St., Suite 2200
> Chelsea, MA 02150
> (P) 617.660.4665
> (F) 617.884.4601
> (E) timothy.mitchell@state.ma.us
> http://www.mass.gov/eops
>
> **From:** Israel Padilla <ipadilla@neology.mx>
> **Sent:** Wednesday, February 13, 2019 10:52 AM
> **To:** Egnitz, Brian (POL) <brian.egnitz@pol.state.ma.us>
> **Cc:** Michell Itallekzi Garcia Garcia <colaborador6@neopartners.mx>; Mitchell, Timothy (EPS) <timothy.mitchell@mass.gov>; jtedona@neology.net; pcrary@neology.net
> **Subject:** Re: FW: lpr app

server

Great, thanks!

Israel Padilla Sánchez
Project Engineering Manager
C +52 1 55 2107 8539 | O +52 55 4040 1452 | S ipadilla@neology.mx

Lago Zúrich 219, Piso 10 Oficina 1001,
C.P. 11529, CDMX, México



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On Wed, Feb 13, 2019 at 9:39 AM Egnitz, Brian (POL) <brian.egnitz@state.ma.us> wrote:

> Thank you, we will do the IP swap and communicate back on this thread tomorrow starting at 9:00 AM EST.
>
> -Brian

From: Michell Itallekzi Garcia Garcia [mailto:colaborador6@neopartners.mx]
Sent: Wednesday, February 13, 2019 10:30 AM
To: Egnitz, Brian (POL)
Cc: Israel Padilla; Mitchell, Timothy (EPS); jtedona@neology.net; pcrary@neology.net
Subject: Re: FW: lpr app server

Hello Brian:

Yes, I can help you tomorrow.

Regards!

On Wed, Feb 13, 2019 at 8:49 AM Egnitz, Brian (POL) <brian.egnitz@state.ma.us> wrote:

> Hi Israel,
>
> We are looking to swap the IP over to the new BOSS server, are you or a member of the support team available tomorrow at 9:00 AM EST in case we have any issues?
>
> Thanks, Brian
>
> ---
>
> **From:** Mitchell, Timothy (EPS)
> **Sent:** Tuesday, February 12, 2019 6:56 PM
> **To:** Egnitz, Brian (POL)
> **Subject:** Re: lpr app server
>
> Brian
> Can we do this on Thursday morning at 9am? I will stop the service on the old server, change the ip's and then

start the service on the new server.
Thanks

Sent from my iPhone

On Feb 6, 2019, at 6:44 AM, Egnitz, Brian (POL) <brian.egnitz@pol.state.ma.us> wrote:

> No worries, 2/11-13 will work, 9:00 am would be fine. I want to get a neology tech available Incase there are any issues. Once the ip is swapped, the boss service will need to be stopped on the current server and started on the new. It's pretty straight forward.
>
> Thanks,
> Brian
>
> On Feb 1, 2019, at 12:57 PM, Mitchell, Timothy (EPS) <timothy.mitchell@mass.gov> wrote:
>
> > Hi
> > Brian
> > My

apologies.
I
don’t
think
I
ended
up
scheduling
the
update
for
the
LPR
app
server
IP
change.
When
do
you
want
to
do
it?
We
can
do
pretty
much
any
day
next
week.
Thanks

Timothy
Mitchell
Massachusetts
Executive
Office
of
Public
Safety
and
Security
Office
of

Technology
and
Information
Services
Enterprise
and
Field
Services
Support
Division
Public
Safety
Data
Center
200
Arlington
St.,
Suite
2200
Chelsea,
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617.660.4665
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Software Engineering
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colaborador6@outlook.es

Lago Zúrich 219, Piso 10 Oficina 1001,
C.P. 11529, CDMX, México

Error! Filename not specified.

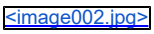
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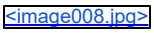


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<PIPS Boss Specifications 10292018.pdf>

From: David.M.Swan@pol.state.ma.us
To: Griffin, Daniel (POL)
Cc: Gallagher, David (POL); Murphy, Robert (SUF)
Subject: Re: LPR question
Date: Friday, February 15, 2019 7:51:08 PM

Ok. Thank you, sir!

David M. Swan
Trooper, Massachusetts State Police
Suffolk District Attorney's Office
State Police Detective Unit

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On Feb 15, 2019, at 7:47 PM, Griffin, Daniel (POL) <daniel.griffin@massmail.state.ma.us> wrote:

> Dave-
> Short answer. That's a Raytheon system which is not part of the ALPR network and AT THIS TIME used strictly for tolling purposes. Politics being what it is, it will likely stay that way for now. However in the case of a major/ capital crime I'm sure data could be retrieved.
>
> On Feb 15, 2019, at 7:27 PM, Swan, David M (POL) <David.M.Swan@pol.state.ma.us> wrote:
>
> > Capt. Gallagher and Lt. Griffin...
> >
> > Thank you both for your time and setting me up with the LPR software on my laptop. Only played around with for a short period of time thus far, but I have a question.
> >
> > I ran my cruiser's plate as a test and it returned results from various fixed and cruiser-equipped LPRs, but not from those equipped on the G.L. c. 4.sec. 7.cl.26 (n)(security) All roadways I used daily.
> >
> > How do I/we get access that those LPR records?
>
> G.L. c. 4.sec. 7.cl.26 (n)(security)
> Suffolk County within our jurisdiction and are utilized by criminals in to flee the area from a crime scene in Winthrop, Chelsea, Revere, and Boston. There is a definite need for us to have immediate access to LPRs whether its for a homicide or some other major felony. In the

past, we have made request to the former Troop E to know all the plates that went over/through/traveled on the [redacted] certain time period.

Thank you...Dave

David M. Swan
Trooper, Massachusetts State Police
Suffolk District Attorney's Office - State Police Detective Unit
70 Everett Ave
Chelsea, MA 02150
(617) 727-8817
(617) 884-3201 - fax

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From: Griffin, Daniel (POL)
To: Swan, David M (POL)
Cc: Gallagher, David (POL); Murphy, Robert (SUF)
Subject: Re: LPR question
Date: Friday, February 15, 2019 7:47:41 PM

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From: daniel.griffin@MassMail.State.MA.US
To: Swan, David M (POL)
Cc: Gallagher, David (POL); Murphy, Robert (SUF)
Subject: Re: LPR question
Date: Friday, February 15, 2019 7:47:39 PM

Dave-
Short answer. That's a Raytheon system which is not part of the ALPR network and AT THIS TIME used strictly for tolling purposes. Politics being what it is, it will likely stay that way for now. However in the case of a major/ capital crime I'm sure data could be retrieved.

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From: Swan, David M (POL)
To: Griffin, Daniel (POL)
Cc: Gallagher, David (POL); Murphy, Robert (SUF)
Subject: Re: LPR question
Date: Friday, February 15, 2019 7:51:09 PM

Ok. Thank you, sir!

David M. Swan
Trooper, Massachusetts State Police
Suffolk District Attorney's Office
State Police Detective Unit

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From: Joseph Vinci
To: Cunningham, Wayne; Albert Kevin (kalbert@town.canton.ma.us); Anderson Adrienne (aanderson@needhamma.gov); Barber Daniel (dbarber@stoughton-ma.gov); Bill McGrath (wmcgrath@police.wrentham.ma.us); Bob (Oakey) O"Connell (roconnell@police.wrentham.ma.us); Walsh, Robert; Brooks, William G. III; Carmichael John (jcarmichael@walpolepd.com); Colecchi Mike (mcolecchi@franklinma.gov); Connolly, Chris; Curran, Peter (pcurran@norwoodma.gov); Derick Cassidy (dcassidy@police.wrentham.ma.us); D"Innocenzo, Mark; Dom Tiberi (dtiberimpd@yahoo.com); Donald Murphy; Doyle, M; Droney, Paul; Dunajski, Stan; Farioli, Mark (NFK); Farwell Matt (mfarwell@stoughtonpd.org); Flanagan Chris (cflanagan@norwoodma.gov); Floyd, Jim (jfloyd@police.plainville.ma.us); Gallagher, Bob; Gallerani, Brian; Gonski Deb (dgonski@police.dedham-ma.gov); Gover, John (jgover@norwoodma.gov); Grace, Michael; Greene Brendan (bgreene@norwoodma.gov); Griffin Kyle (kgriffin@walpolepd.com); Grover Rick (rgrover@franklinma.gov); Hartford John (jhartford@stoughtonpd.org); Hoffman Pat (phoffman@foxboroughpolice.com); James Barrett (jbarrett@police.wrentham.ma.us); John Schlittler (jschlittler@needhamma.gov); Keleher Tom (tkeleher@town.canton.ma.us); Kevin Lima (klima@stoughtonpd.org); Mahoney, Kevin; Kiewlicz Andrew (akiewlicz@walpolepd.com); Lee Drake (ldrake@franklinma.gov); Lopes Tony (alopes@norwoodma.gov); Lucie, Anthony; Lynch, Dennis (NFK); Manocchio Mark (mmanocchio@franklinma.gov); Mark Bohnenberger; McLaughlin John (jmclaughlin@police.plainville.ma.us); Powers, Meaghan (NFK); Meneses James (jmeneses@norfolk.ma.us); Buckley, Michel; Nikolaides James (jnikolaides@police.dedham-ma.gov); O"Brien Jr. , Joe (obrienjr@needhamma.gov); Palladini Michelle (mpalladini@norfolk.ma.us); Pantazelos, Keith (NFK); Morrison, Pat; Paul Gallagher (pgallagher@town.canton.ma.us); Peter Kelly (pkelly@norwoodma.gov); Piro, Glen (gpiro@town.canton.ma.us); Quirk, Robert; Rich Kelleher (rkelleher@walpolepd.com); Porro, Rich; Rovaldi Matt (mrovaldi@townofsharon.org); Ryan, Paul; Schlittler, Mike; scoffey@townofsharon.org; Shelly Bento (mbento@medfield.net); Stokes, Derrick; Sullivan, Brian (POL); Tim Sullivan (tsullivan@walpolepd.com); Tolland Ian (itolland@walpolepd.com); Welch, Bob (rwelch@stoughton-ma.gov)
Subject: RE: NORPAC LPR
Date: Tuesday, July 23, 2019 12:13:13 PM

Afternoon,

Does anyone need a raid jacket from 4 Seasons Embroidery in Framingham? I just spoke with Kathy and they are significantly cheaper if there is a bulk order ($70 as opposed to $100). Let me know and I can coordinate the order with her.

Thanks

Joe

From: Cunningham, Wayne [mailto:wcunningham@wellesleyma.gov]
Sent: Monday, July 22, 2019 11:48 AM
To: Albert Kevin (kalbert@town.canton.ma.us); Anderson Adrienne (aanderson@needhamma.gov); Barber Daniel (dbarber@stoughton-ma.gov); Bill McGrath (wmcgrath@police.wrentham.ma.us); Bob (Oakey) O'Connell (roconnell@police.wrentham.ma.us); Bob Walsh (rwalsh@police.dedham-ma.gov); _William Brooks; Carmichael John (jcarmichael@walpolepd.com); Colecchi Mike (mcolecchi@franklinma.gov); Connelly, Christopher; Cunningham, Wayne; Curran, Peter (pcurran@norwoodma.gov); Derick Cassidy (dcassidy@police.wrentham.ma.us); D'Innocenzo, Mark; Dom Tiberi (dtiberimpd@yahoo.com); Donald Murphy; Doyle, Mike (mdoyle@police.dedham-ma.gov); Droney, Paul (padroney@needhamma.gov); Dunajski, Stanley; Farioli Mark (mark.r.farioli@massmail.state.ma.us); Farwell Matt (mfarwell@stoughtonpd.org); Flanagan Chris (cflanagan@norwoodma.gov); Floyd, Jim (jfloyd@police.plainville.ma.us); Gallagher, Bob; Gallerani, Brian (bgallerani@needhamma.gov); Gonski Deb (dgonski@police.dedham-ma.gov); Gover, John (jgover@norwoodma.gov); Grace Mike (mgrace@foxboroughpolice.com); Greene Brendan (bgreene@norwoodma.gov); Griffin Kyle (kgriffin@walpolepd.com); Grover Rick (rgrover@franklinma.gov); Hartford John (jhartford@stoughtonpd.org); Hoffman Pat (phoffman@foxboroughpolice.com); James Barrett (jbarrett@police.wrentham.ma.us); John Schlittler (jschlittler@needhamma.gov); Keleher Tom (tkeleher@town.canton.ma.us); Kevin Lima (klima@stoughtonpd.org); Kevin Mahoney (kmahoney@police.dedham-ma.gov); Kiewlicz Andrew (akiewlicz@walpolepd.com); Lee Drake (ldrake@franklinma.gov); Lopes Tony (alopes@norwoodma.gov); Lucie Anthony (alucie@townofsharon.org); Lynch Dennis (dennis.m.lynch@massmail.state.ma.us); Manocchio Mark (mmanocchio@franklinma.gov); Mark Bohnenberger; McLaughlin John (jmclaughlin@police.plainville.ma.us); Meaghan Powers (meaghan.powers@massmail.state.ma.us); Meneses James (jmeneses@norfolk.ma.us); Mike Buckley (mbuckley@police.dedham-ma.gov); Nikolaides James (jnikolaides@police.dedham-ma.gov); O'Brien Jr. , Joe (obrienjr@needhamma.gov); Palladini Michelle (mpalladini@norfolk.ma.us); Pantazelos, Keith (keith.pantazelos@massmail.state.ma.us); Pat Morrison (pmorrison@foxboroughpolice.com); Paul Gallagher

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Subject: FW: NORPAC LPR

Ladies and Gentlemen,

Attached please find a hyperlink to enroll in ALPR training to be sponsored by Wellesley PD and held at Babson College. The training is scheduled for Wednesday, July 31 and there are still seats available.

The amount of ALPR recorded plates is amazing.

I recommend that each agency send at least one representative.

Wayne Cunningham
Detective Lieutenant
Wellesley Police Department
Bureau of Criminal Investigation
781-235-2208 Ext. 5
FBINA 191

From: Cunningham, Wayne
Sent: Wednesday, June 26, 2019 2:24 PM
To: Whittemore, Scott <swhittemore@wellesleyma.gov>
Subject: Re: NORPAC LPR

Will do

Get Outlook for iOS

From: Whittemore, Scott
Sent: Wednesday, June 26, 2019 1:10:17 PM
To: Cunningham, Wayne
Subject: NORPAC LPR

LT-

Can you put this training out to your NORPAC list? The upside on this is that everyone who attends get 30 days free access to commercial data, and they will have some idea of what Wellesley can do for them in investigations.

Here's the link: https://vslea.org/default.aspx?act=EventBuilderViewList.aspx&tag=MA&listtype=public&category=&menuitemid=5&MenuGroup=Public

Thanks.

Scott Whittemore
Deputy Police Chief
Wellesley Police Department
485 Washington Street
Wellesley, Mass 02482
781-235-0062
@WellesleyPolice
FBINA #265

The Attorney General has determined that email correspondences are public records unless the content of the email falls with one of the stated exemptions under the Public Records Laws

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From: scott.range@pol.state.ma.us
To: Thibault, Amy (POL)
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference
Date: Wednesday, March 13, 2019 9:10:17 AM

Thanks Amy

Sent from my iPhone

On Mar 13, 2019, at 7:17 AM, Thibault, Amy (POL) <amy.thibault@pol.state.ma.us> wrote:

> Kristine,
> Please reach out to Mr. Pfister.
>
> ---
>
> **From:** Range, Scott (POL)
> **Sent:** Tuesday, March 12, 2019 7:20 PM
> **To:** Quinn, Dermot (POL)
> **Cc:** Mason, Christopher (POL); Thibault, Amy (POL)
> **Subject:** Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference
>
> Received Sir, will do
>
> Respectfully,
> Scott
>
> Sent from my iPhone
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> >
> > Thanks
> >
> > DJQ
> >
> > ---
> >
> > **From:** Range, Scott (POL) <scott.range@pol.state.ma.us>
> > **Sent:** Tuesday, March 12, 2019 4:40 PM
> > **To:** Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>; Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
> > **Cc:** Thibault, Amy (POL) <amy.thibault@pol.state.ma.us>
> > **Subject:** FW: Northeast Healthcare Law Enforcement Association, May 2019 Conference
> >
> > Deputy Superintendent Mason and Lt. Col. Quinn,

Kristine Foley has agreed to assist with the CFC presentation for the Northeast Healthcare Law Enforcement Association Meeting on May 15. Amy and I provided the details below to her and she is available on that date. She just needs to know how long the presentation should be and any other details that this group is able to provide ahead of time (parking, location, etc.). Please let us know if this is acceptable to everyone's needs.

Respectfully,
Scott

From: Range, Scott (POL)
Sent: Monday, March 11, 2019 3:22 PM
To: Thibault, Amy (POL)
Subject: RE: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Thanks Amy

From: Thibault, Amy (POL)
Sent: Monday, March 11, 2019 3:13 PM
To: Range, Scott (POL)
Cc: Quinn, Dermot (POL)
Subject: RE: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Kristine is available and happy to present.

Respectfully,
Amy

From: Range, Scott (POL)
Sent: Tuesday, March 05, 2019 7:34 PM
To: Thibault, Amy (POL)
Cc: Quinn, Dermot (POL)
Subject: FW: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Amy,

Let's discuss this conference tomorrow when you have time. Can you please check yours and Kristine Foley's availability on the date in question (please see below) to see if either of you could present the CFC overview with resources presentation on that date. They didn't say how long of a time slot so it may need to be modified once they do. Once we know yours and Kristine's availability we can check with Lt. Col. Quinn (who is copied on this) and Deputy Mason. I believe Lt. Col. Quinn would also like real time demos (not sure if he would like to assist with this aspect but he may).

Thanks

On Mar 4, 2019, at 10:12 PM, Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us> wrote:

> Yes sir.
>
> Scott,
>
> Let's discuss how best to address this group. We can put our best foot forward and show what we have to offer. I'm thinking a combination of PP and on line real time demos (sanitized).
>
> We can discuss the details tomorrow and then check with the Deputy.
>
> Rose,
>
> Please add this to my calendar.
>
> Thanks
>
> Dermot

Sent from my Verizon 4G LTE smartphone

-------- Original message --------
From: "Mason, Christopher (POL)" <Chris.Mason@pol.state.ma.us>
Date: 3/4/19 5:09 PM (GMT-05:00)
To: "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>
Subject: FW: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Sir,

I spoke with Mr. Pfister regarding the below request. He stated that NESPIN would be speaking and asked if the MSP wanted to add what they could add to an investigation. I stated that the CFC could speak to what services they provide (Coplink, Facial Rec, Lineups, ALPR,BOLOs, etc,) investigators. He indicated that he would like that and could add the CFC to agenda. I will attend on May 15th to represent the MSP. DO we have a rep from the CFC that

could present on that day?

Lieutenant Colonel Christopher S. Mason
Deputy Superintendent
Massachusetts State Police
470 Worcester Road
Framingham, MA. 01720
508.820.2330

From: Pfister, Steven (AGO)
Sent: Sunday, March 3, 2019 7:03 PM
To: Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>
Cc: Gilpin, Kerry (POL) <kerry.gilpin@pol.state.ma.us>
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference

My office line is 617-963-2699. I look forward to speaking with you.

From: Mason, Christopher (POL) <chris.mason@pol.state.ma.us>
Sent: Sunday, March 3, 2019 6:48 PM
To: Pfister, Steven (AGO)
Cc: Gilpin, Kerry (POL)
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Steven,
Thank you and I will contact you tomorrow to discuss the details.

Lt. Colonel Christopher Mason
Deputy Superintendent
Massachusetts State Police

On Mar 3, 2019, at 6:22 PM, Pfister, Steven (AGO) <steven.pfister@mass.gov> wrote:

Colonel Gilpin,

Thank you for getting back to me and sorry you will not be able to attend. We would absolutely like a representative from your organization to attend and give a briefing if possible. Deputy Superintendent Mason, I look forward to hopefully working with you. Please let me know if you have any further questions.

Best,

Steven Pfister
Investigator
Massachusetts Office of the Attorney General

From: Gilpin, Kerry (POL) <kerry.gilpin@pol.state.ma.us>
Sent: Sunday, March 3, 2019 5:57 PM
To: Pfister, Steven (AGO)
Cc: Mason, Christopher (POL)
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Steven,

Thank you very much for the invitation. Unfortunately, I have a previous commitment on those dates. I have copied Deputy Superintendent Chris Mason above. We will ensure that there is MSP representation at the conference.

Respectfully,

Kerry

Colonel Kerry A. Gilpin
Superintendent
Massachusetts State Police
470 Worcester Road

Framingham, MA 01702
508-820-2350

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From: Pfister, Steven (AGO)
Sent: Monday, February 25, 2019 2:21 PM
To: Gilpin, Kerry (POL)
Cc: Ucuz, Gregoire (AGO)
Subject: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Colonel Gilpin,

We are reaching out from the Massachusetts Attorney General's Office MFCU in regards to the Northeast Healthcare Law Enforcement Association (NHLEA) conference which will be held on **MAY 15th and 16th, 2019** at the **Sheraton Four Points**, located at 3800 State Highway, **Eastham, MA** 02642.

NHLEA has been in existence since 1995 with Massachusetts as a founding member. NHLEA was established with the dual

purpose of promoting joint healthcare fraud enforcement investigations and providing staff training opportunities. NHLEA is comprised of representatives from the six New England states and New York. The members include staff from the Medicaid Fraud Control Units (MFCUs) of seven states, the United States Attorney's Office (USAO), the Regional Office of Inspector General (DHHS/OIG/OI), the Federal Bureau of Investigations, the Drug Enforcement Agency, the Food and Drug Administration (FDA), and the Massachusetts Board of Registry in Medicine (BORIM).

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MFD plans to host the conference on either an annual or biannual basis in conjunction with the Rhode Island MFCU and DHHS/OIG/OI. Attached is an agenda of the training when it was last hosted in 2014.

Lodging:

There are 40 rooms held for a government rate of $113/night, available for check-in on

May 14th and check-out on May 16th (two night stay). The deadline to book rooms at the government rate is April 1st. Breakfast will be included both mornings. A link to the hotel's website is here. Please mention the NHLEA conference when booking.

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Even though each attendee or unit shall book rooms directly with the hotel on a first-come first-serve basis, once you have a sense of how many attendees your unit plans to send please let us know. There is no cost for the program.

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At this time we are accepting proposals for presentations. Attached is a *Call for Presentation* form. The deadline to submit proposals to us is March 15th. Also attached, is a past NHLEA agenda to give you a sense of past topics. We encourage you to submit any and all topics for the purpose of establishing a well-rounded training agenda.

Please do not hesitate to reach out if you have any questions. We look forward to sharing this training opportunity with you all.

Best,

Steven Pfister

Investigator

Medicaid Fraud Division

MA Office of the Attorney General

(617) 963-2699

From: Range, Scott (POL)
To: Quinn, Dermot (POL)
Cc: Mason, Christopher (POL); Thibault, Amy (POL)
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference
Date: Tuesday, March 12, 2019 7:20:23 PM

Received Sir, will do

Respectfully,
Scott

Sent from my iPhone

On Mar 12, 2019, at 7:19 PM, Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us> wrote:

> Thanks Scott. Can Kristine reach out to Mr. Pfister (his number is below) and get an idea how long of a presentation they are looking for. He could also address issues like time and parking.
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Superintendent
Massachusetts State Police
470 Worcester Road
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Investigator

Medicaid Fraud Division

MA Office of the Attorney General

(617) 963-2699

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> **To:** Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>; Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
> **Cc:** Thibault, Amy (POL) <amy.thibault@pol.state.ma.us>
> **Subject:** FW: Northeast Healthcare Law Enforcement Association, May 2019 Conference
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From: Pfister, Steven (AGO)
Sent: Monday, February 25, 2019 2:21 PM
To: Gilpin, Kerry (POL)
Cc: Ucuz, Gregoire (AGO)
Subject: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Colonel Gilpin,

We are reaching out from the Massachusetts Attorney General's Office MFCU in regards to the Northeast Healthcare Law Enforcement Association (NHLEA) conference which will be held on **MAY 15th and 16th, 2019** at the **Sheraton Four Points**, located at 3800 State Highway, **Eastham, MA** 02642.

NHLEA has been in existence since 1995 with Massachusetts as a founding member. NHLEA was established with the dual

purpose of promoting joint healthcare fraud enforcement investigations and providing staff training opportunities. NHLEA is comprised of representatives from the six New England states and New York. The members include staff from the Medicaid Fraud Control Units (MFCUs) of seven states, the United States Attorney's Office (USAO), the Regional Office of Inspector General (DHHS/OIG/OI), the Federal Bureau of Investigations, the Drug Enforcement Agency, the Food and Drug Administration (FDA), and the Massachusetts Board of Registry in Medicine (BORIM).

Established as the first regional organization of state and federal healthcare fraud professionals, NHLEA's mission is to develop practical, results-oriented strategies to combat fraud and abuse in the medical field. The NHLEA pursues its mission by promoting the sharing of information and resources among its members and by improving interagency cooperation and federal-state relations in the fight against healthcare fraud.

MFD plans to host the conference on either an annual or biannual basis in conjunction with the Rhode Island MFCU and DHHS/OIG/OI. Attached is an agenda of the training when it was last hosted in 2014.

Lodging:

There are 40 rooms held for a government rate of $113/night, available for check-in on

May 14th and check-out on May 16th (two night stay). The deadline to book rooms at the government rate is April 1st. Breakfast will be included both mornings. A link to the hotel's website is here. Please mention the NHLEA conference when booking.

Attendance:

Even though each attendee or unit shall book rooms directly with the hotel on a first-come first-serve basis, once you have a sense of how many attendees your unit plans to send please let us know. There is no cost for the program.

Presentations:

At this time we are accepting proposals for presentations. Attached is a *Call for Presentation* form. The deadline to submit proposals to us is March 15th. Also attached, is a past NHLEA agenda to give you a sense of past topics. We encourage you to submit any and all topics for the purpose of establishing a well-rounded training agenda.

Please do not hesitate to reach out if you have any questions. We look forward to sharing this training opportunity with you all.

Best,

Steven Pfister

Investigator

Medicaid Fraud Division

MA Office of the Attorney General

(617) 963-2699

From: kerry.gilpin@pol.state.ma.us
To: Wood, Curtis (EOTSS)
Cc: Moran, Matthew (EPS)
Subject: Re: Regional Trafficking Summit Invite
Date: Monday, January 14, 2019 8:51:13 PM

Sirs,

Thank you very much for your input. I have notified Dermot Quinn of same.

Respectfully,

Kerry

Sent from my iPhone

On Jan 14, 2019, at 18:45, Wood, Curtis (EOTSS) <curtis.wood@mass.gov> wrote:

> Rob Guerriero will be the rep from EOTSS / re network side of things
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> CW
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> > **To:** Wood, Curtis (EOTSS); Moran, Matthew (EPS)
> > **Subject:** Fwd: Regional Trafficking Summit Invite

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> **From:** "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>
> **Date:** January 12, 2019 at 18:16:35 EST
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Sent: Friday, January 4, 2019 2:49 PM
To: Linda Tartaglia
Cc: rick fuentes; Thomas O'Reilly; James Sheehan
Subject: Regional Trafficking Summit Invite

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Rutgers Unitversity
106 Somerset St
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O 848 932 9898
C 609 203 0770
Linda.tartaglia@cop.rutgers.edu

From: Wood, Curtis (EOTSS)
To: Moran, Matthew (EPS)
Cc: Gilpin, Kerry (POL)
Subject: Re: Regional Trafficking Summit Invite
Date: Monday, January 14, 2019 6:45:32 PM

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FYI

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From: Gilpin, Kerry (POL)
To: Quinn, Dermot (POL)
Cc: Mason, Christopher (POL)
Subject: Re: Regional Trafficking Summit Invite
Date: Saturday, January 12, 2019 7:39:04 PM

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Linda.tartaglia@cop.rutgers.edu

From: Gover, Timothy
To: Egnitz, Brian (POL)
Subject: Re: SJC-12750 - Notice of Docket Entry
Date: Monday, July 29, 2019 4:18:24 PM

Brian thank you for the information we have already forwarded this information to Vigilant. If at any time you would like to talk with our representative or a member from vigilant we can make that happen.

Thank you again

Tim Gover
Officer
Wellesley Police Department

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Monday, July 29, 2019 9:21:04 AM
To: Gover, Timothy <tgover@wellesleyma.gov>
Subject: FW: SJC-12750 - Notice of Docket Entry

Can you please forward this on to your vigilant rep. I got your info from the training your hosting. Below is an important ALPR case.

Thanks, Brian

Brian Egnitz
Commonwealth Fusion Center
Massachusetts State Police
Phone: 978-451-3710 (Maynard) 508-988-7302 (GHQ)
Email: Brian.Egnitz@massmail.state.ma.us
Monday - Friday, 8 to 4

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-----Original Message-----
From: SJCCommClerk@sjc.state.ma.us [mailto:SJCCommClerk@sjc.state.ma.us]

Sent: Friday, June 14, 2019 6:00 PM
To: Sweeney, Elizabeth (CPI)
Subject: SJC-12750 - Notice of Docket Entry

Supreme Judicial Court for the Commonwealth of Massachusetts

RE: Docket No. SJC-12750

Commonwealth
v.
Jason McCarthy

NOTICE OF DOCKET ENTRY

Please take note that the following entry was made on the docket of the above-referenced case:

June 14, 2019 - ANNOUNCEMENT: The Justices are soliciting amicus briefs. Whether either a search warrant or a court order is required before obtaining automatic license plate recognition (ALPR) data collected from fixed points for a particular vehicle. See 18 U.S.C. s. 2518 (Electronic Communications Privacy Act); 18 U.S.C. s. 2703 (Stored Communications Act).

Francis V. Kenneally, Clerk

Dated: June 14, 2019

To:
Paul Alan Bogosian, Esquire
Elizabeth Anne Sweeney, A.D.A.

From: Fitzgerald, Thomas (POL)
To: Egnitz, Brian (POL); Griffin, Daniel (POL)
Subject: Re: SJC-12750 - Notice of Docket Entry
Date: Monday, July 29, 2019 9:22:36 AM

Got it, thanks!

Lieutenant Thomas Fitzgerald
Mass. State Police CVES
Concord, MA 01742

_____
From: Egnitz, Brian (POL) <brian.egnitz@pol.state.ma.us>
Sent: Monday, July 29, 2019 9:22:08 AM
To: Griffin, Daniel (POL); Fitzgerald, Thomas (POL)
Subject: FW: SJC-12750 - Notice of Docket Entry

Please forward if you know anyone who would file, it's an important ALPR case.

-----Original Message-----
From: SJCCommClerk@sjc.state.ma.us [mailto:SJCCommClerk@sjc.state.ma.us]
Sent: Friday, June 14, 2019 6:00 PM
To: Sweeney, Elizabeth (CPI)
Subject: SJC-12750 - Notice of Docket Entry

Supreme Judicial Court for the Commonwealth of Massachusetts

RE: Docket No. SJC-12750

Commonwealth
v.
Jason McCarthy

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Francis V. Kenneally, Clerk

Dated: June 14, 2019

To:
Paul Alan Bogosian, Esquire
Elizabeth Anne Sweeney, A.D.A.

From: Griffin, Daniel (POL)
To: Nardone, Andrea (DAA)
Subject: Re: SJC-12750 - Notice of Docket Entry
Date: Tuesday, June 18, 2019 3:58:38 PM

Good craft beer close by

> On Jun 18, 2019, at 3:48 PM, Nardone, Andrea (DAA) <Andrea.Nardone@massmail.state.ma.us> wrote:
>
> No that's ok. Just remind me I'll roadtrip it.
>
> -----Original Message-----
> From: Griffin, Daniel (POL) <daniel.griffin@pol.state.ma.us>
> Sent: Tuesday, June 18, 2019 3:24 PM
> To: Nardone, Andrea (DAA) <Andrea.Nardone@MassMail.State.MA.US>
> Subject: Re: SJC-12750 - Notice of Docket Entry
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>> Subject: Re: SJC-12750 - Notice of Docket Entry
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>> Yes down in Barnstable. ROAD TRIP
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>>> From: Sweeney, Elizabeth (CPI) <ESweeney@MassMail.State.MA.US>
>>> Sent: Monday, June 17, 2019 3:16 PM
>>> To: DAA-DL-APPLT CHIEFS <DAA-DL-APPLTCHIEFS@MassMail.State.MA.US>
>>> Subject: RE: SJC-12750 - Notice of Docket Entry
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>>> Subject: SJC-12750 - Notice of Docket Entry
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>>> Supreme Judicial Court for the Commonwealth of Massachusetts
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>>> RE: Docket No. SJC-12750
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>>> Commonwealth
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>>> Francis V. Kenneally, Clerk
>>>
>>> Dated: June 14, 2019
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>>> To:
>>> Paul Alan Bogosian, Esquire
>>> Elizabeth Anne Sweeney, A.D.A.
>>
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From: daniel.griffin@pol.state.ma.us
To: Nardone, Andrea (DAA)
Subject: Re: SJC-12750 - Notice of Docket Entry
Date: Tuesday, June 18, 2019 3:58:37 PM

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From: daniel.griffin@pol.state.ma.us
To: Nardone, Andrea (DAA)
Subject: Re: SJC-12750 - Notice of Docket Entry
Date: Tuesday, June 18, 2019 3:24:07 PM

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From: Griffin, Daniel (POL)
To: Nardone, Andrea (DAA)
Subject: Re: SJC-12750 - Notice of Docket Entry
Date: Tuesday, June 18, 2019 1:32:55 PM

Yes down in Barnstable. ROAD TRIP

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> Dated: June 14, 2019
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> To:
> Paul Alan Bogosian, Esquire
> Elizabeth Anne Sweeney, A.D.A.

From: daniel.griffin@pol.state.ma.us
To: Nardone, Andrea (DAA)
Subject: Re: SJC-12750 - Notice of Docket Entry
Date: Tuesday, June 18, 2019 1:32:53 PM

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> To:
> Paul Alan Bogosian, Esquire
> Elizabeth Anne Sweeney, A.D.A.

From: Gover, Timothy
To: Egnitz, Brian (POL)
Subject: Re: SJC-12750 - Notice of Docket Entry
Date: Monday, July 29, 2019 4:48:26 PM

Tim Gover
Officer
Wellesley Police Department

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Monday, July 29, 2019 9:21 AM
To: Gover, Timothy
Subject: FW: SJC-12750 - Notice of Docket Entry

Can you please forward this on to your vigilant rep. I got your info from the training your hosting. Below is an important ALPR case.

Thanks, Brian

Brian Egnitz
Commonwealth Fusion Center
Massachusetts State Police
Phone: 978-451-3710 (Maynard) 508-988-7302 (GHQ)
Email: Brian.Egnitz@massmail.state.ma.us
Monday - Friday, 8 to 4

CONFIDENTIALITY NOTICE: The information contained in this email and any attachment is privileged and confidential law enforcement information. If you have received this email in error, please call 978-451-3700 immediately. Thank you.

-----Original Message-----
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Francis V. Kenneally, Clerk

Dated: June 14, 2019

To:
Paul Alan Bogosian, Esquire
Elizabeth Anne Sweeney, A.D.A.

From: Chris.Mason@pol.state.ma.us
To: England, Kara (POL)
Cc: Quinn, Dermot (POL); Range, Scott (POL); Halpin, Michael (POL); Farrell, Sean (POL); Slater, James (CHS); Dunne, Michaela (CHS); Tapis, Stephen C (POL); Pinkes, William (POL); Egnitz, Brian (POL)
Subject: Re: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Monday, September 30, 2019 8:09:30 AM

Kara,
This looks good to me. Thank you.

Lt. Colonel Christopher Mason
Deputy Superintendent
Massachusetts State Police

On Sep 27, 2019, at 8:39 AM, England, Kara (POL) <kara.england@pol.state.ma.us> wrote:

> Good Morning,
>
> I have been advised that the attached draft meets all of the criteria for Accreditation.
>
> Please advise when final review and approval is complete.
>
> Trooper Tapis and I will then do the final formatting and processing for promulgation.
>
> Thanks for everyone's attention to this matter.
>
> Respectfully,
> KME
>
> ---
>
> **From:** Quinn, Dermot (POL)
> **Sent:** Thursday, September 26, 2019 12:02 PM
> **To:** Range, Scott (POL); Mason, Christopher (POL); Tapis, Stephen C (POL); Pinkes, William (POL); Halpin, Michael (POL); Farrell, Sean (POL); England, Kara (POL); Egnitz, Brian (POL)
> **Cc:** Slater, James (CHS); Dunne, Michaela (CHS)
> **Subject:** FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
>
> All,
>
> Given that the ALPR servers are secured and operated at the DCJIS data center in Chelsea, and that the application is managed by both DCJIS and MSP, I am suggesting the following changes highlighted in red. I am also copying in Commissioner Slater and Michaela Dunne from DCJIS for their thoughts and comments.
>
> Please keep in mind that much of this language is coming from the BJA ALPR Policy

Template, and our goal is to be in compliance so that HSGP funds continue to flow uninterrupted.

Respectfully,

Lieutenant Colonel Dermot J. Quinn #1765
Division Commander
Division of Homeland Security & Preparedness
Massachusetts State Police
<image001.png>

Security The following shall apply to ALPR system and information security:

- The Department of Criminal Justice Information Services of the Executive Office of Public Safety and Security, will operate ALPR servers in a secure facility protected from external intrusion and will utilize secure internal and external safeguards against network intrusions. Any access to DCJIS ALPR information from outside the facility will be allowed only over secure networks;
- The Department and DCJIS will store ALPR information in a manner that ensures that it cannot be added to, modified, accessed, or purged except by personnel authorized to take such actions;
- Access to Department ALPR information will be granted only to personnel whose positions and job duties require such access and who have successfully completed a background check and training;
- Usernames and passwords to ALPR information are not transferrable, must not be shared by Department personnel, and must be kept confidential;
- Queries made to the Department's ALPR information will be logged into the system identifying the user initiating the query. All user access, including participating agency access, and queries are subject to review and audit; and
- The Department and DCJIS will maintain an audit trail of accessed, requested, or disseminated Department-held ALPR information. An audit trail will be kept for a

minimum of one-year of requests for access to ALPR information for specific purposes and of what ALPR information is disseminated to each individual in response to the request.

From: England, Kara (POL) <kara.england@pol.state.ma.us>
Sent: Thursday, September 26, 2019 11:01 AM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Range, Scott (POL) <scott.range@pol.state.ma.us>
Cc: Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>; Tapis, Stephen C (POL) <Stephen.C.Tapis@pol.state.ma.us>; Pinkes, William (POL) <william.pinkes@pol.state.ma.us>; Halpin, Michael (POL) <michael.halpin@pol.state.ma.us>; Farrell, Sean (POL) <sean.farrell@pol.state.ma.us>
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Morning,

As you are probably aware, the Department is in the process of ensuring that our policies meet Accreditation standards. Please find attached a pdf of Accreditation standards relative to LPR (along with the attached word doc of the revised TRF-11 DRAFT that has been circulating.)

As part of the Fusion Center's revisions to ensure policy compliance with BJA LPR Policy Template (as reflected in attached revised DRAFT), before finalizing the draft for promulgation, the Department would like you to take this opportunity to incorporate the language the Fusion Center deems appropriate for the MSP to be in compliance with Accreditation standards as well.

Respectfully,
KME

From: England, Kara (POL)
Sent: Wednesday, September 18, 2019 10:05 AM
To: Quinn, Dermot (POL); Halpin, Michael (POL); Farrell, Sean (POL)
Cc: Mason, Christopher (POL); Range, Scott (POL); Tapis, Stephen C (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Morning,

Please see the attached draft. It incorporates some very minor changes (which have been tracked and can be accepted or not.)

There is one change that I did not want to make without consultation –

- On page 6, "Security" section, first bullet: should the first sentence read "The

Department will operate *the ALPR system* in a secure facility protected from external intrusion and will utilize secure internal and external safeguards against network intrusions."?

Also, as you may have discovered, the formatting of these word documents can be very quirky, so when all revisions have been finalized and the document is ready for promulgation, Trooper Tapis and I will do the final formatting.

Respectfully,
KME

From: Quinn, Dermot (POL)
Sent: Tuesday, September 17, 2019 6:50 PM
To: Halpin, Michael (POL); Farrell, Sean (POL); England, Kara (POL); Tapis, Stephen C (POL)
Cc: Mason, Christopher (POL); Range, Scott (POL)
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Evening All,

The Fusion Center needs to be in compliance with three new requirements from DHS to continue to be eligible for HSGF. The first is an MOU between the CFC and DHS. Major Range and his team have already submitted our proposal to DHS for comments. Second, a facial recognition SOP is required and a draft of that document has been submitted to Legal Section for comment. Lastly, an LPR policy that incorporates elements from the BJA LPR Policy Template is required. This email addresses that issue. Attached please find an edited version of the existing MSP ALPR Policy (TRF-11). The edits that have been prepared by Major Range and his team incorporate the required elements from the BJA template required by DHS (See attached BJA LPR Policy Template). We are very open to editing, including grammar and style, and obviously any guidance on legal issues that our edits may present.

Please keep in mind that these are requirements are from DHS, and placed on the CFC in order to continue to receive Homeland Security Grant Funding. HSGF provides the MSP the financial resources to keep the CFC operating. We appreciate your attention to this matter as we need to have this in place by the end of the month.

Respectfully,

Lieutenant Colonel Dermot J. Quinn #1765
Division Commander
Division of Homeland Security & Preparedness
Massachusetts State Police
<image001.png>

From: Range, Scott (POL) <scott.range@pol.state.ma.us>
Sent: Tuesday, September 17, 2019 6:23 PM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
Subject: Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Sent from my iPhone

Begin forwarded message:

> **From:** "Range, Scott (POL)" <scott.range@pol.state.ma.us>
> **Date:** September 9, 2019 at 6:23:30 PM EDT
> **To:** "Dermot Quinn (dermot.quinn@massmail.state.ma.us)" <dermot.quinn@massmail.state.ma.us>
> **Cc:** "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Warren, Rosemary (POL)" <Rosemary.Warren@pol.state.ma.us>
> **Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements**
>
> Lt. Col. Quinn,
>
> As requested, the changes that were discussed last Friday have been made to the attached updated DRAFT.
>
> Respectfully,
> Scott
>
> ---
>
> **From:** Range, Scott (POL)
> **Sent:** Friday, September 06, 2019 12:59 PM
> **To:** Warren, Rosemary (POL)
> **Subject:** Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> > **From:** "Stelmat, Jason (POL)" <Jason.Stelmat@pol.state.ma.us>
> > **Date:** September 5, 2019 at 1:40:17 PM EDT
> > **To:** "Quinn, Dermot (POL)"

<dermot.quinn@pol.state.ma.us>, "Range, Scott (POL)" <scott.range@pol.state.ma.us>, "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Brooks, Brian (POL)" <brian.brooks@pol.state.ma.us>
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good afternoon,
I apologize for the delay in distributing this. I was able to recreate the original TRF-11 in a much more workable format in Word. I've made some additions (highlighted in the attached document) which I believe brings us up to speed with respect to DHS grant requirements. I did not remove anything from the existing TRF-11, but ended up adding approximately 3 pages to the current policy. I did my best to exclude irrelevant or unnecessary portions of the BJA guidelines. Any additional thoughts or suggestions are welcome.

Thanks,
Jason

From: Brooks, Brian (POL)
Sent: Wednesday, September 04, 2019 5:58 PM
To: Range, Scott (POL); Stelmat, Jason (POL)
Cc: Quinn, Dermot (POL); Gawron, Stephen (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Please see attached

From: Range, Scott (POL) <scott.range@pol.state.ma.us>
Sent: Wednesday, September 4, 2019 5:57 PM
To: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>; Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>
Subject: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Jason,

As discussed, the existing TRF-11 is attached in a PDF format. Lt. Brooks will have someone try to un-PDF it now and then email it back to this group.

On Thursday, please mark up a new TRF-11 DRAFT with the suggested changes that are needed to comply with the template pursuant to the new DHS HSGP Grant Requirements. Then send that document back to this group on Thursday so Lt. Col. Quinn can work with GHQ to try and get TRF-11 fully updated prior to the end of this month to comply.

Thank again for your work on this. We appreciate it.

<TRF-11 Automatic License Plate Recognition DRAFT UPDATE 09262019.docx>

From: Linda Tartaglia
To: Quinn, Dermot (POL)
Subject: Regional Trafficking Summit - Registration Confirmation
Date: Monday, January 14, 2019 2:30:16 PM

Subject: Regional Trafficking Summit - Registration Confirmation

Regional Trafficking Summit Attendee:

This email is to confirm you are registered to attend the Regional Trafficking Summit on January 28 & 29th, 2019.

A block of guest rooms has been reserved for summit attendees at the **Hyatt Regency on the Hudson, 2 Exchange Place, Jersey City, N.J.** If you haven't done so **Please click here to secure a room as soon as possible.**

The 1st day of the program will be held at the Hyatt and will commence at 1:00 p.m. Registration will begin at 12:30 p.m. The program is scheduled to end at 5:30. p.m. A sponsored dinner will be held at Porto Legerro restaurant on 185 Hudson St, Jersey City (a short 4-minute walk from the hotel) from 6:00 p.m. to 9:00 p.m. that evening.

The 2nd day of the program will be held at New York Police Department. Attendees will depart the hotel at 7:30 a.m. and embark on NYPD marine vessels to transport across the Hudson River. Transportation will be provided to the meeting location. We anticipate the program ending at noon and transportation will be provided back to the hotel.

All questions should be posed to Rick Fuentes, who currently works with the Rutgers University Center on Policing and the NJUASI to advance statewide and regional information-sharing programs. He can be reached by email at rrixmail@comcast.net and by phone at (201)554-5514.

Thank you in advance for attending this important summit, and for your participation in this groundbreaking effort to collect, assess, and share ALPR data across the northeastern United States.

Regards,
Linda

Linda Tartaglia
Director
Center on Policing
Rutgers University
106 Somerset St. 7th floor

Room 754
New Brunswick, NJ 08901
848 932-9898 office
[redacted] cell
Linda.tartaglia@pi.rutgers.edu

From: Linda Tartaglia
To: Linda Tartaglia
Cc: rick fuentes; Thomas O"Reilly; James Sheehan
Subject: Regional Trafficking Summit Invite
Date: Friday, January 4, 2019 2:49:25 PM

Good Afternoon,

Recently, New York City Police Department (NYPD) Commissioner James P. O'Neill and New Jersey State Police (NJSP) Colonel Patrick Callahan invited you to attend a Regional Trafficking Summit in New Jersey and New York on January 28-29,2019. Former NJSP superintendent and colonel Rick Fuentes followed up with an email which may have gone to your spam file. Please check your spam file for previous information.

This conference – hosted jointly by the NJSP, NYPD and the Northern New Jersey Urban Area Security Initiative (NJUASI) – will be facilitated by the Rutgers University Center on Policing. It will gather 12 state police superintendents, 12 major city chiefs and representatives of numerous federal agencies with responsibilities along the Interstate 95 corridor between Richmond, Virginia and Boston, Massachusetts, to discuss the feasibility and productivity of linking and sharing automated license plate reader data.
Establishing a linkage across the northeast region of the United States will immeasurably increase our effectiveness in addressing issues of counterterrorism, drug trafficking, human and weapons trafficking, Amber and Silver Alerts and other threats to our public safety.

Please register by Monday, January 7th . Please click here to register and RSVP to Rutgers Center on Policing by January 7th, 2019.

During the morning of Monday, January 28, 2019, attendees will arrive at the Hyatt Regency on the Hudson, 2 Exchange Place, Jersey City, N.J. A block of rooms has been reserved for the summit Please click here to make your room reservations. This should also be done by January 7th, 2019.

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Director
Center on Policing
Rutgers Unitversity
106 Somerset St
7th floor
New Brunswick, NJ 08901
O 848 932 9898
C 609 203 0770
Linda.tartaglia@cop.rutgers.edu

From: PoliceOne Weekend
To: McCarthy, Steven (POL)
Subject: REWIND: Video shows cops kill gunman, denial of service & other top stories
Date: Sunday, August 11, 2019 8:04:17 AM

August 11, 2019 | View as webpage

FEATURED CONTENT

Video: LEOs take down Ohio mass shooter
Officers stopped the suspect moments before he entered a bar

New videos show confusion after IRS guard holds deputy at gunpoint
The footage has become the center of a lawsuit

Police chief: Officer faked shooting, distress call
The police chief said the officer tried to present a "false image of heroism"

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McDonald's employee refuses to serve paramedic, won't serve 'anyone with a badge'

A Sunstar paramedic was denied service after being told by an employee "we don't serve officers in here"



Rapid Response: Early lessons from the El Paso active shooter attack

By Mike Wood

In his manifesto, the El Paso killer left some valuable information for law enforcement to consider about his preparation for the attack



How to respond to a denial of service at a restaurant or coffee shop

By Greg Friese

Police, fire and EMS personnel need to prepare for being asked to leave a restaurant, coffee shop or grocery store

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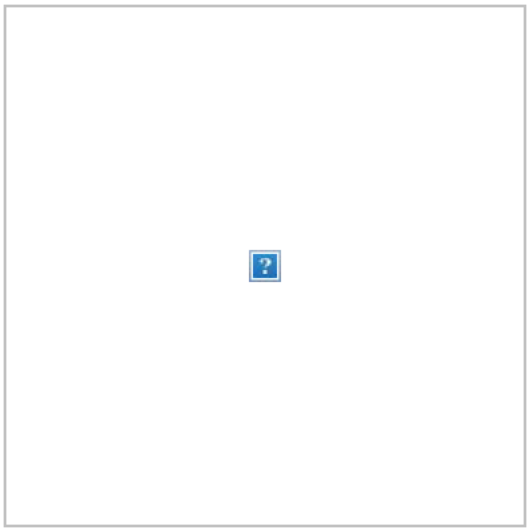


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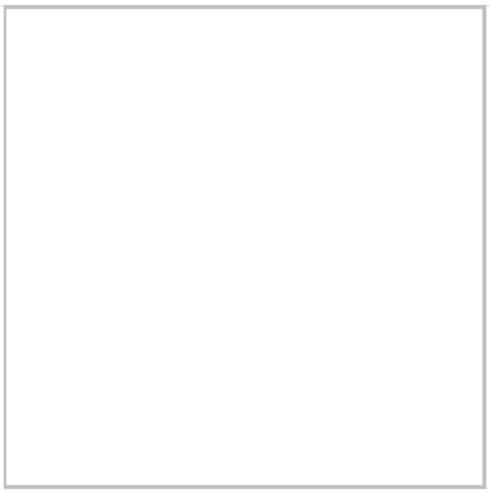


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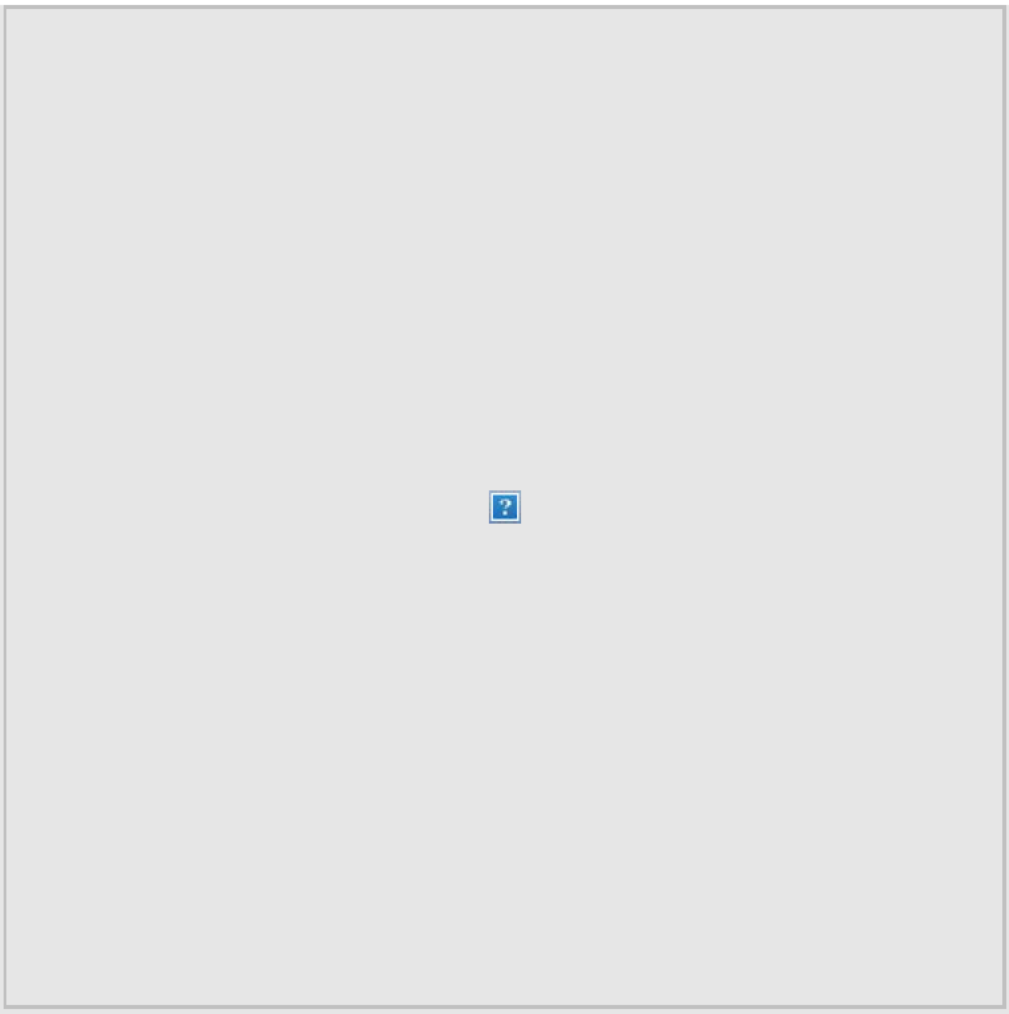
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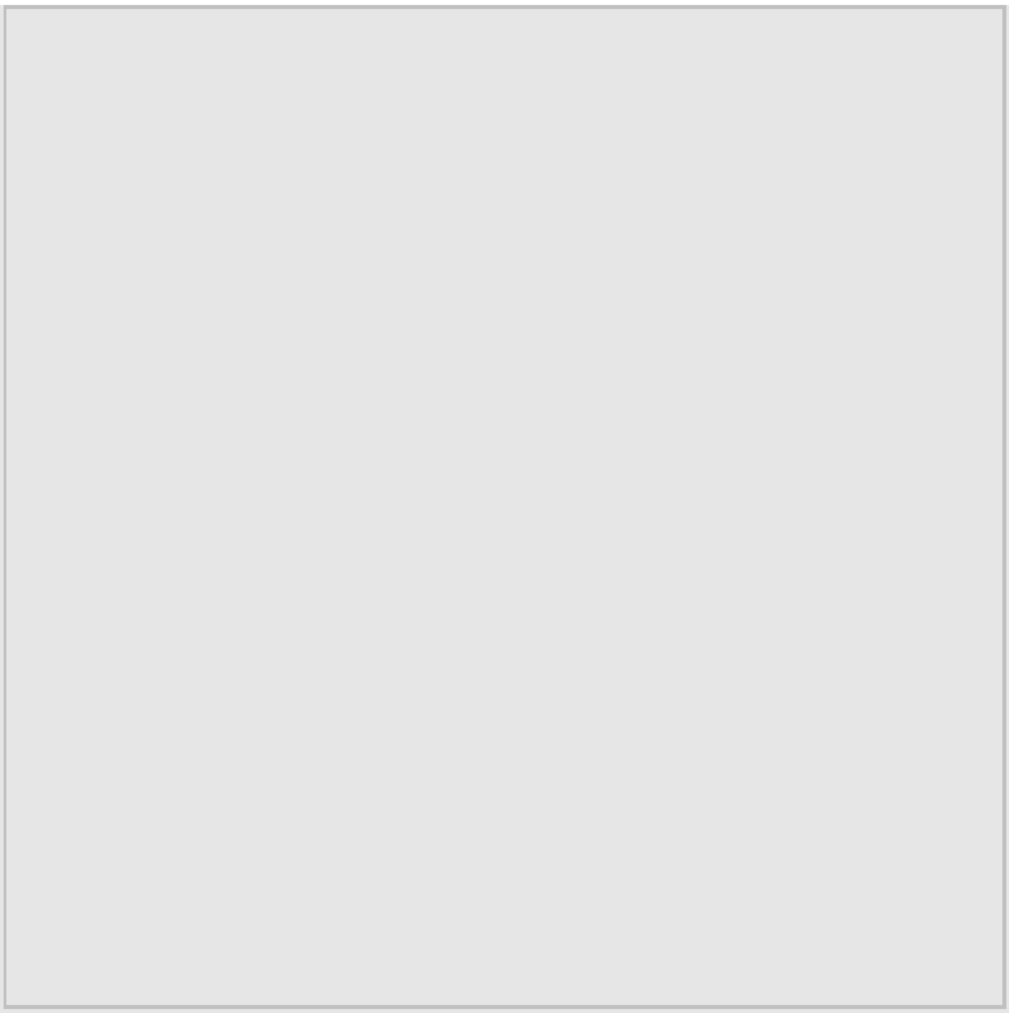
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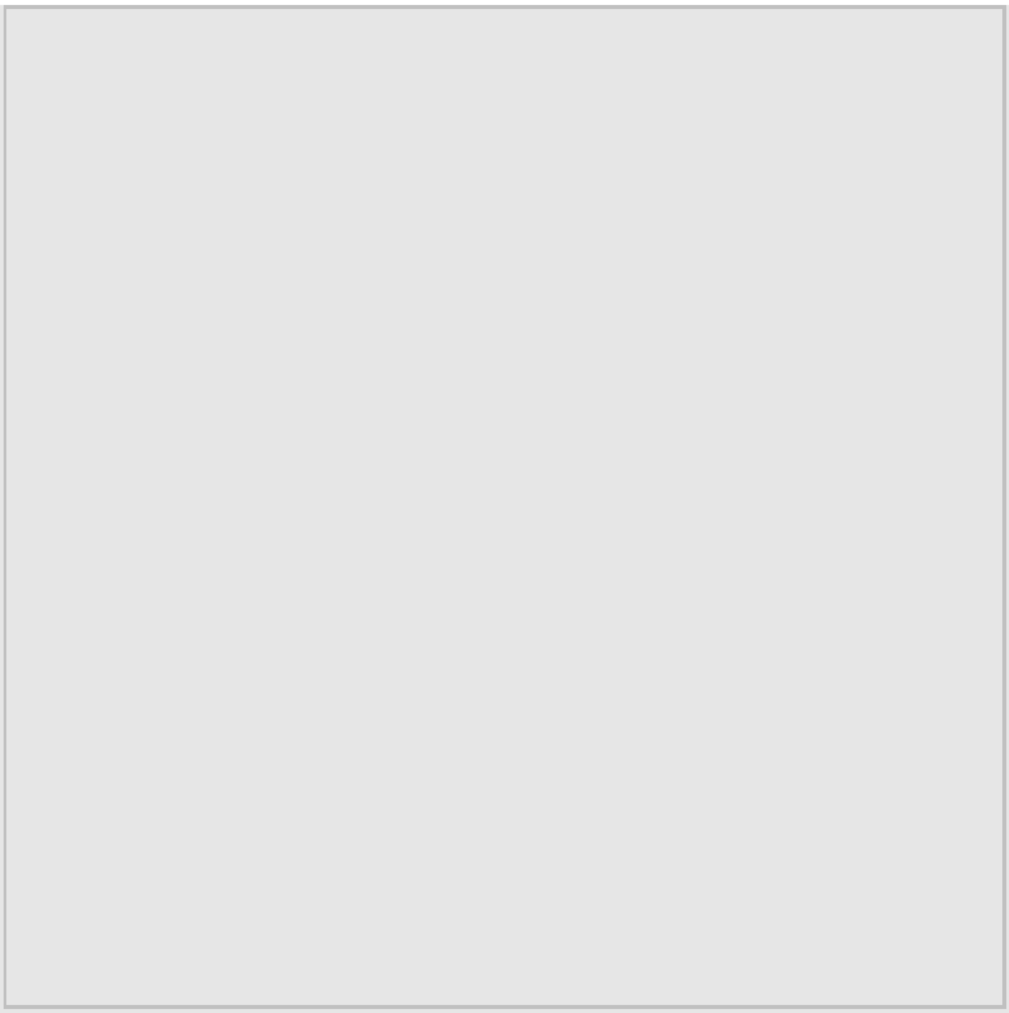
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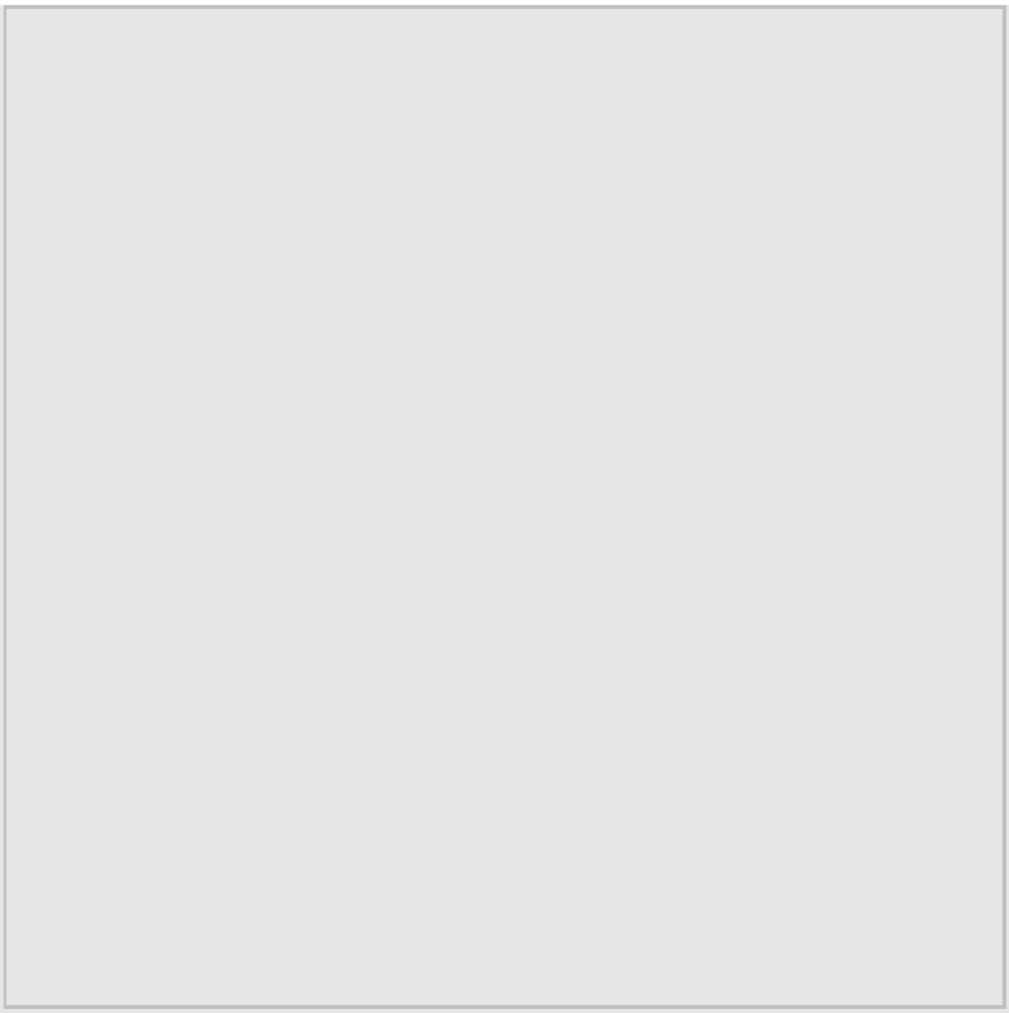
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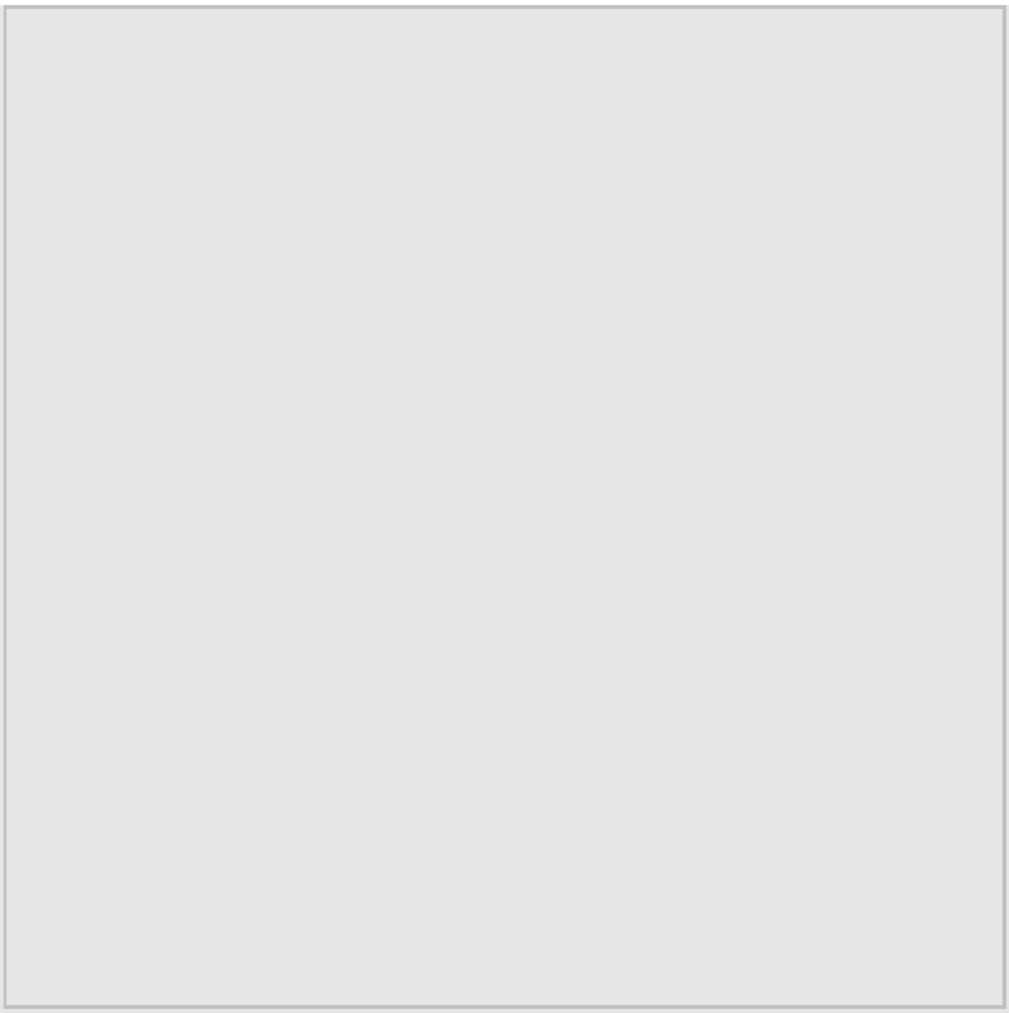
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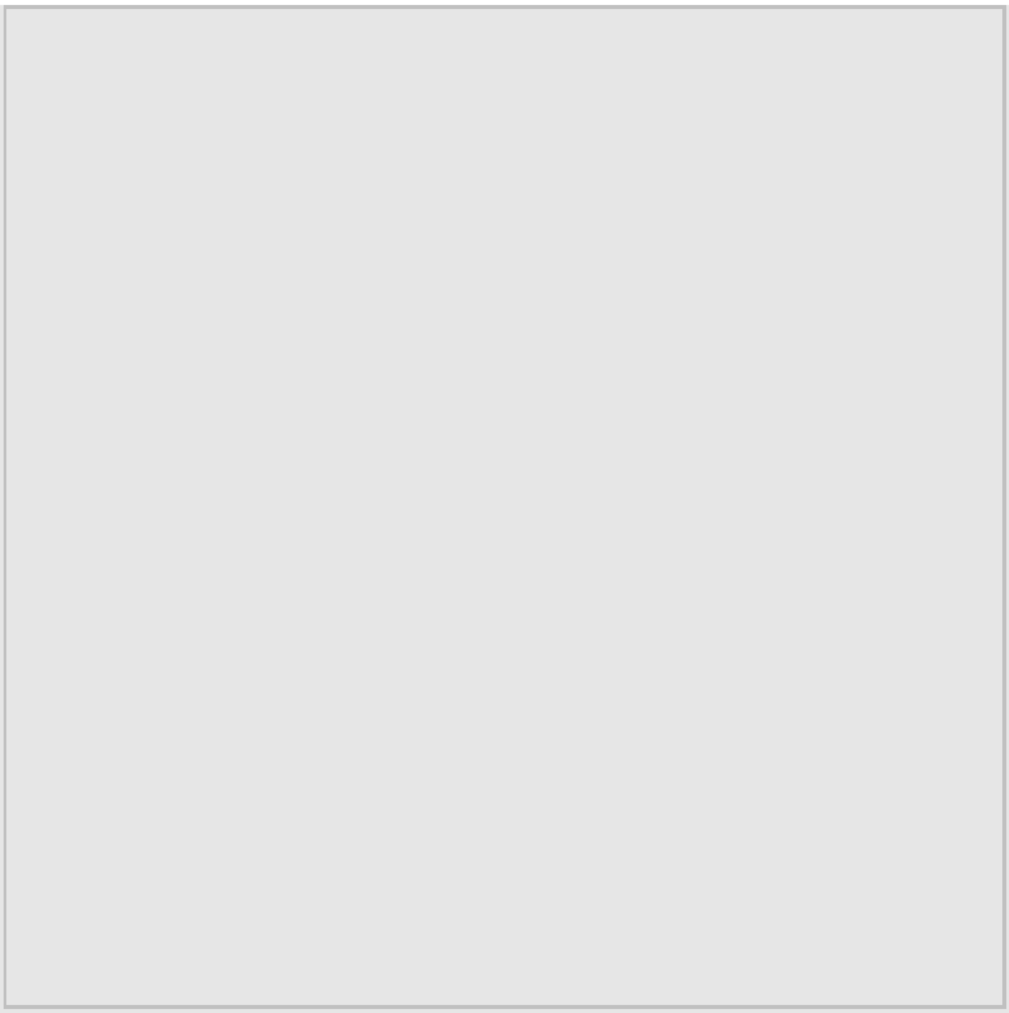












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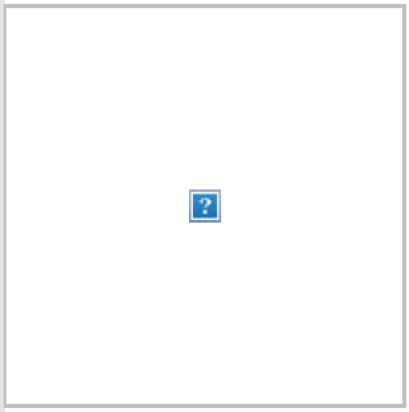
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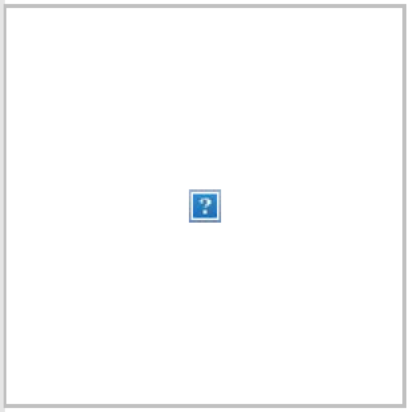




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Date: Friday, May 10, 2019 7:01:31 AM

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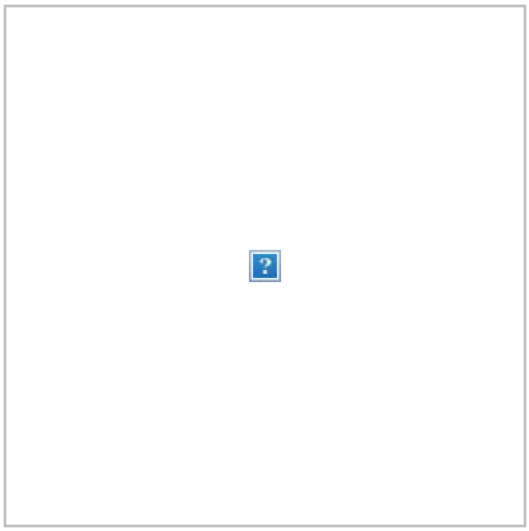


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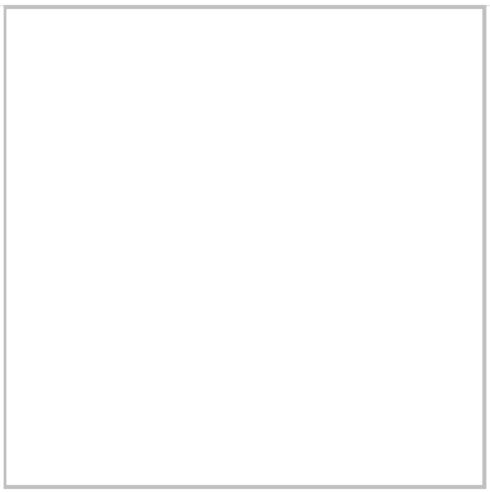


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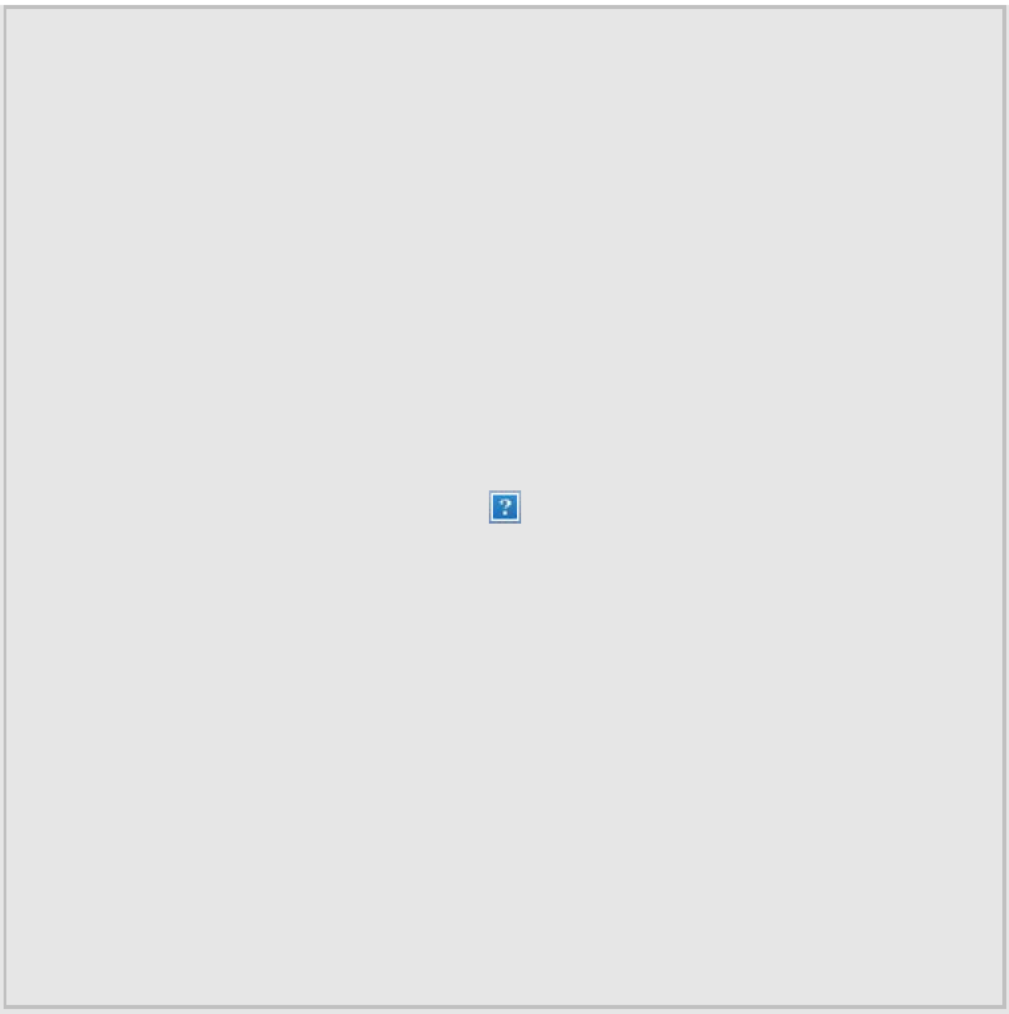
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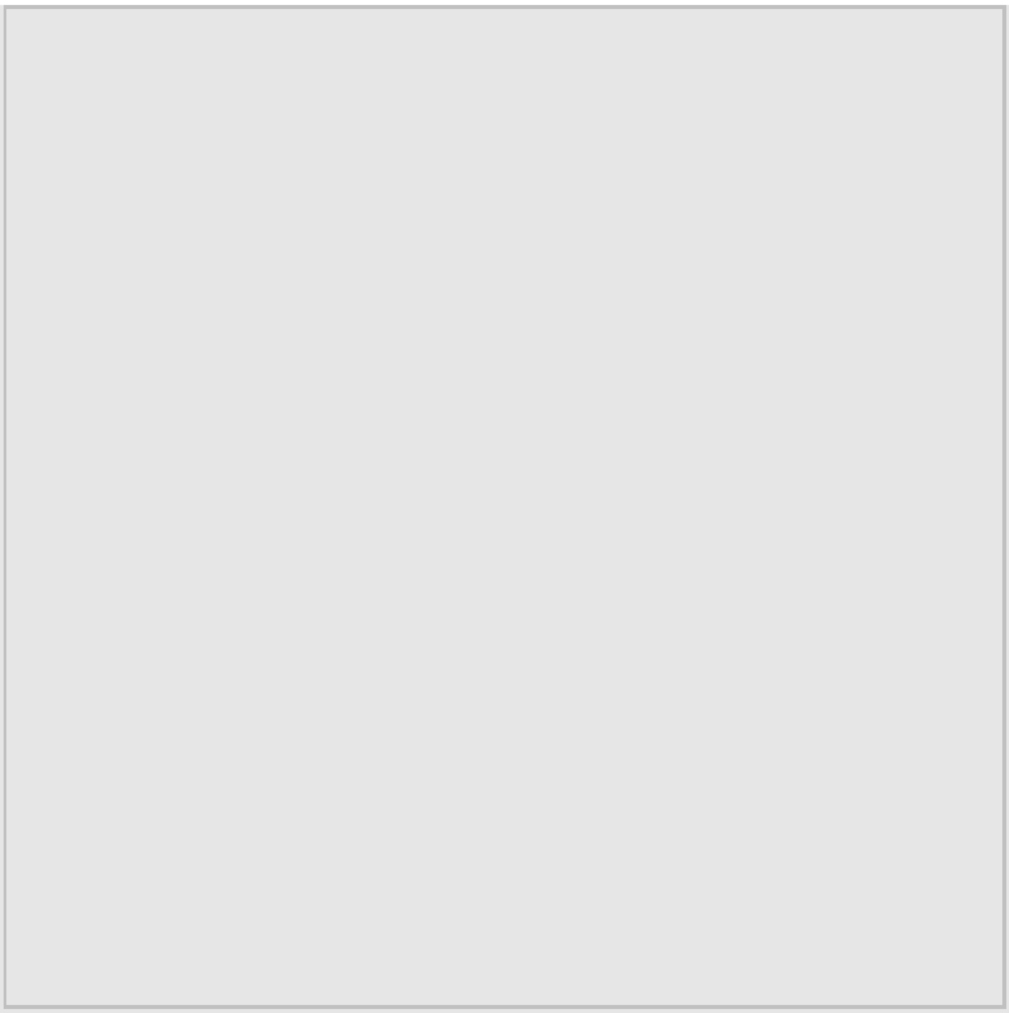
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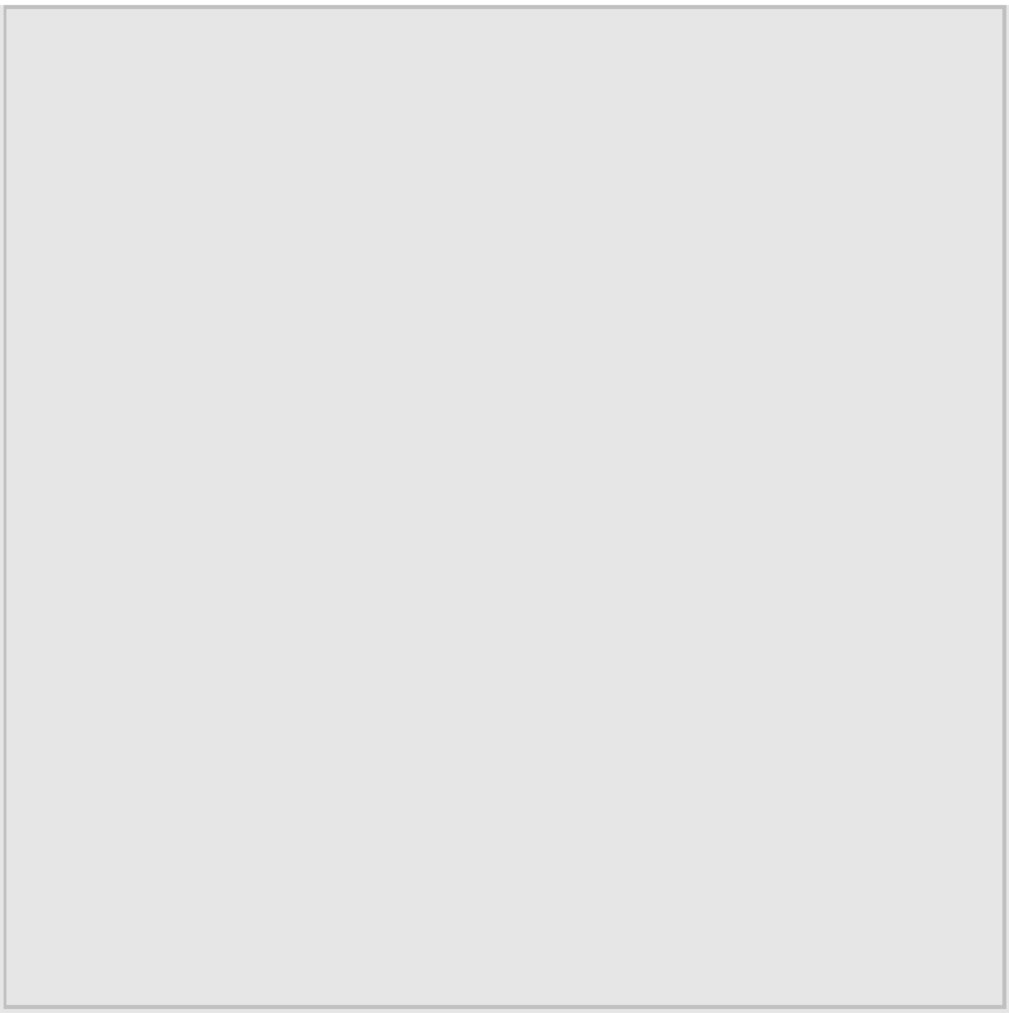
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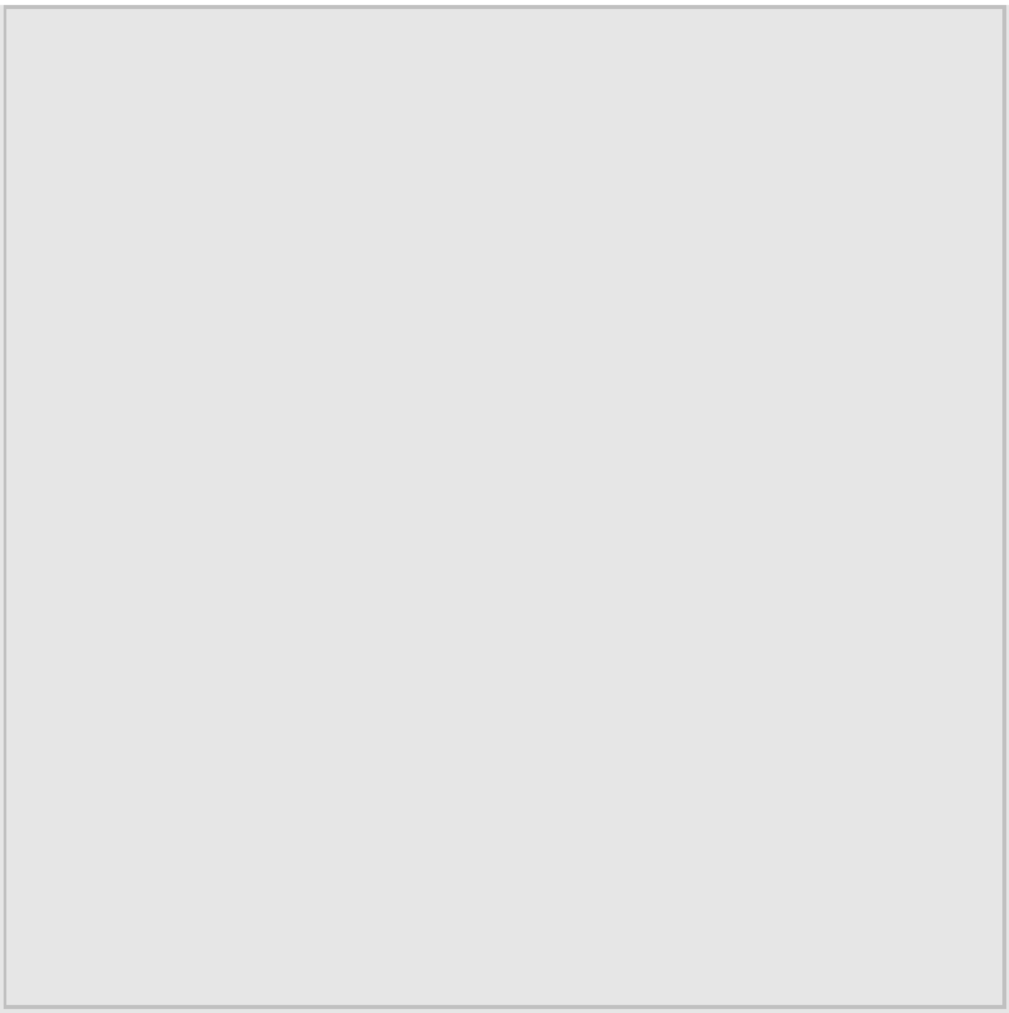
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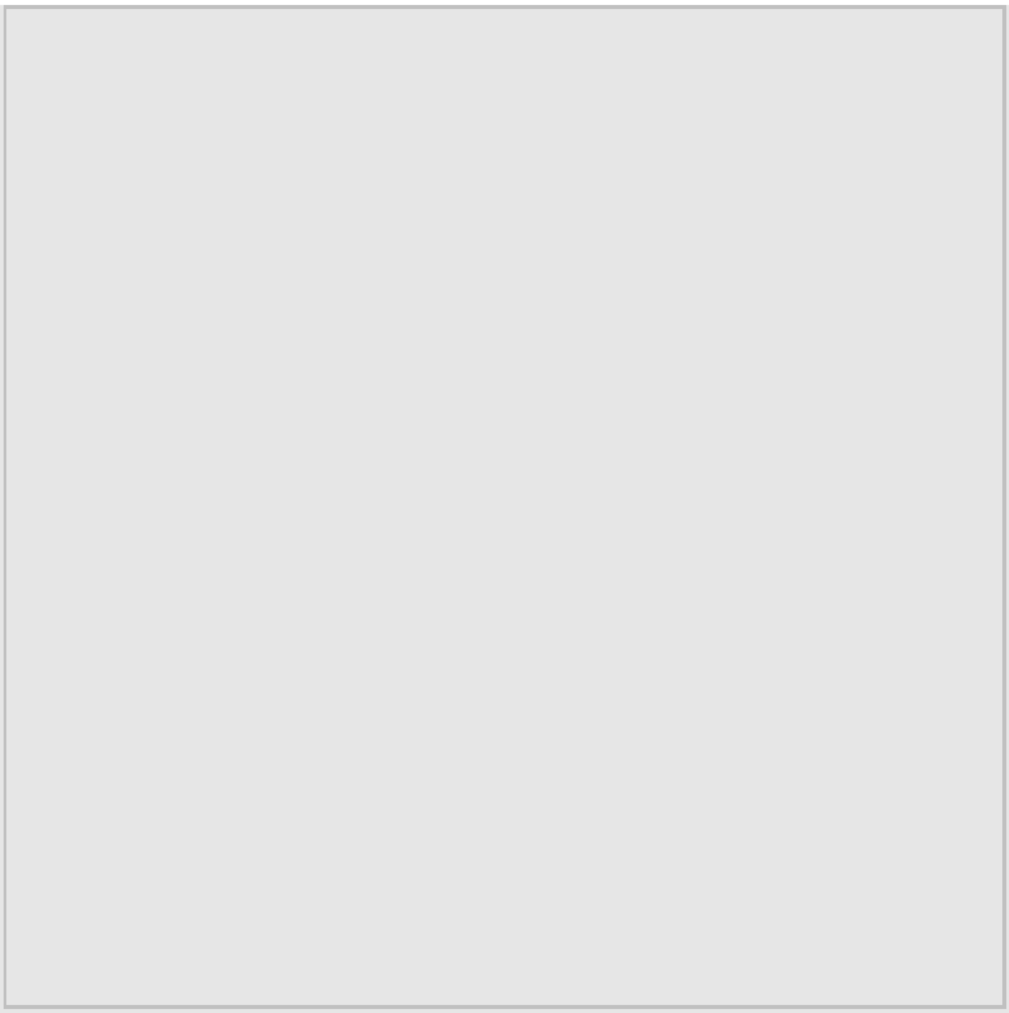
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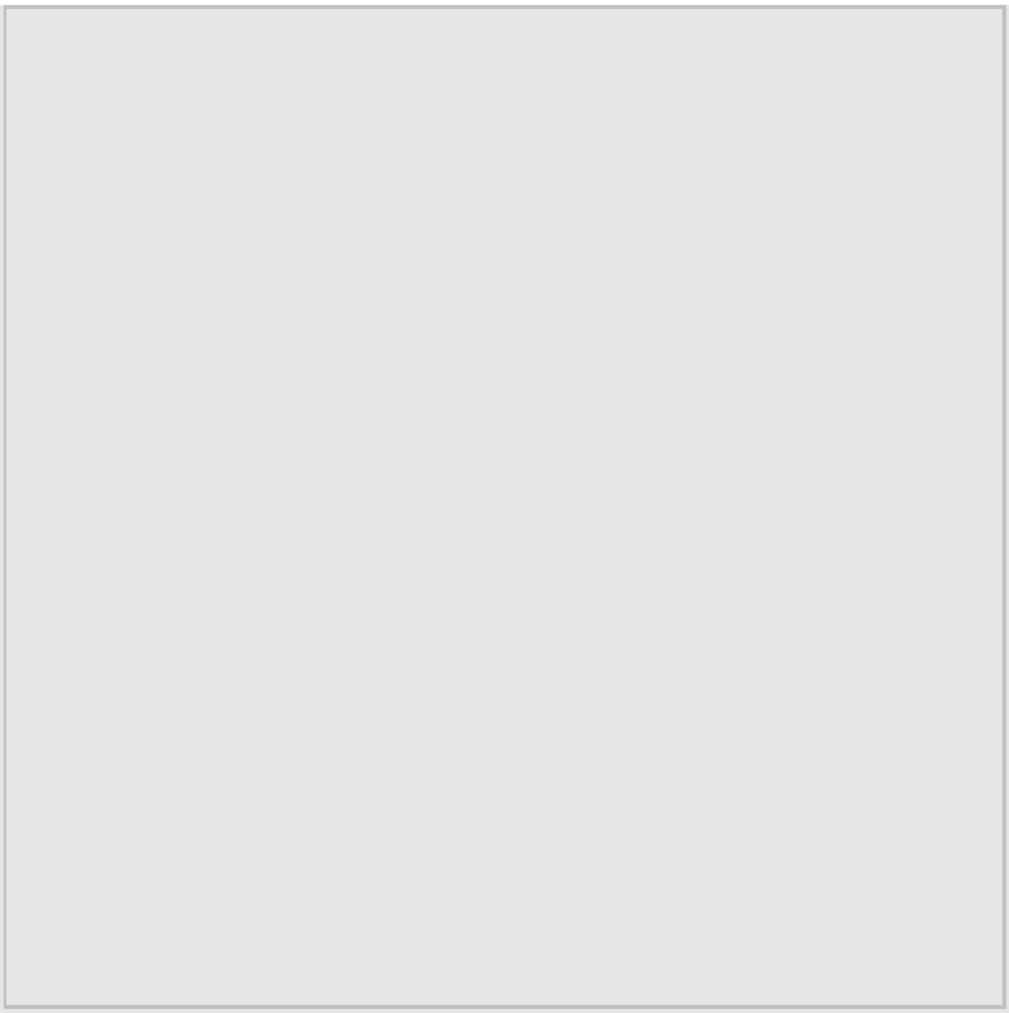




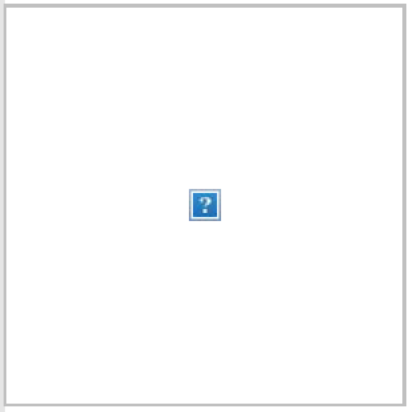








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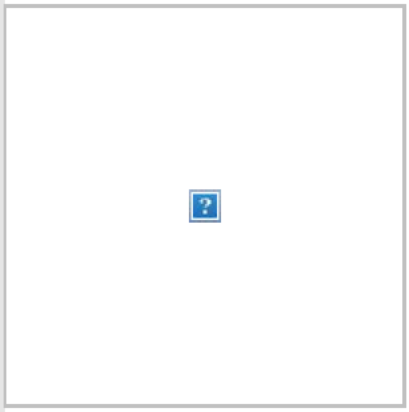
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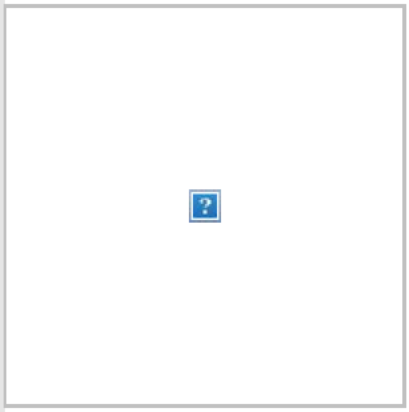




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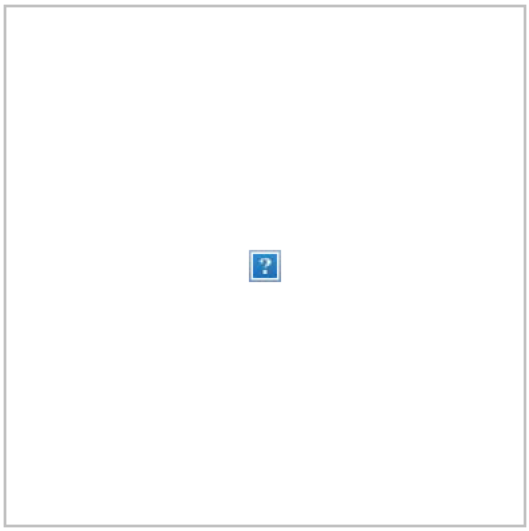


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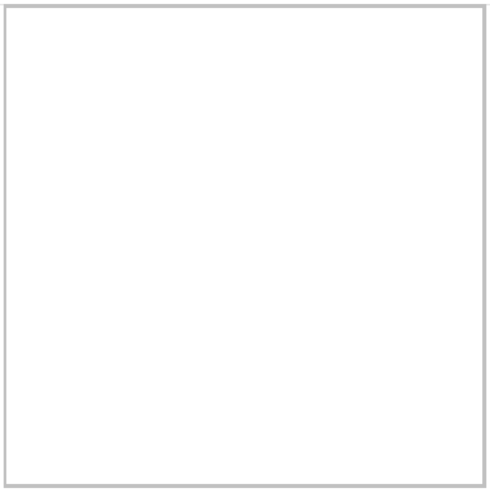


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- New toll transponder payment technology launches in Massachusetts
- German city orders Jenoptik's semi-stationary speed camera trailers
- Montreal smart mobility project wins Quebec innovation award
- Auto industry leaders say consumer acceptance of AVs is main concern

New MaaS travel service launches in Stockholm

TagMaster adds Sensys Networks to its ITS portfolio

Iteris gets expanded role in California's I-405 Improvement Project

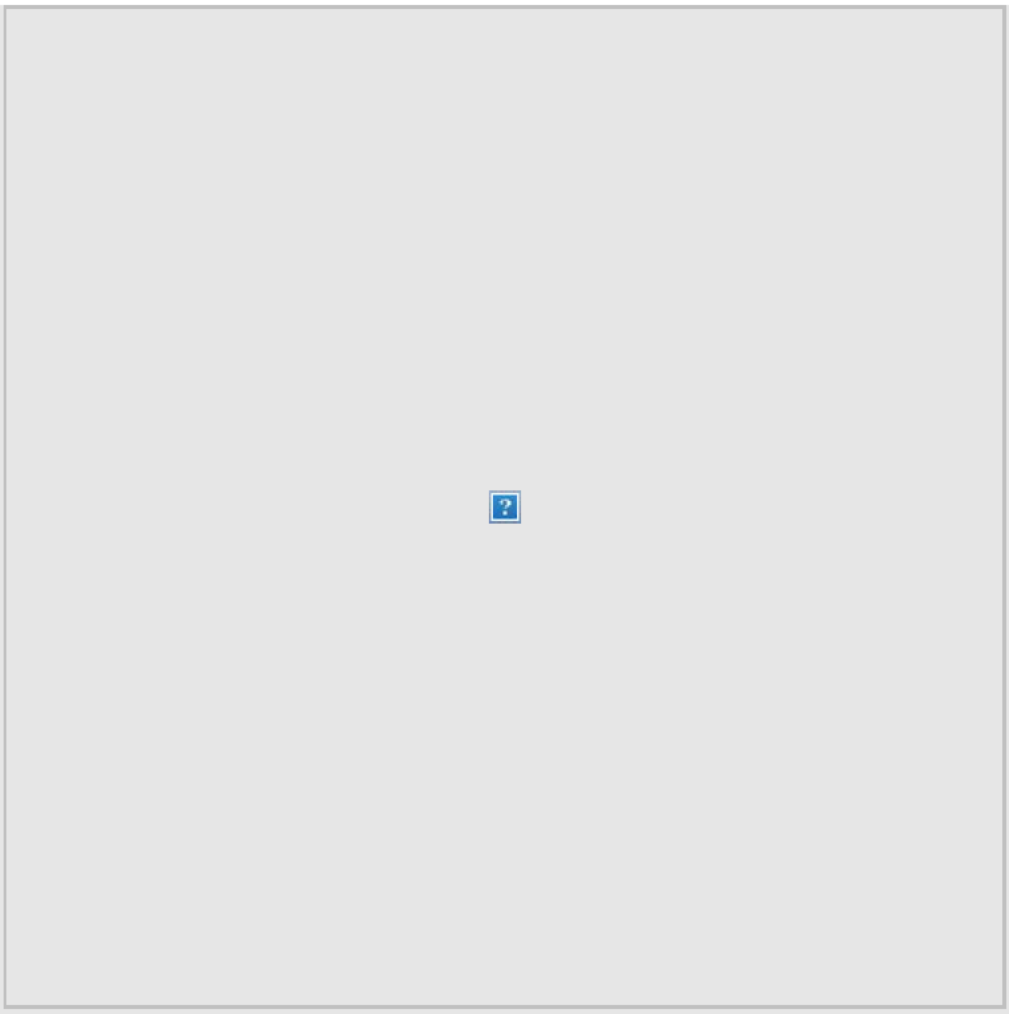
Telensa trials streetlight-based smart city technologies in Pennsylvania

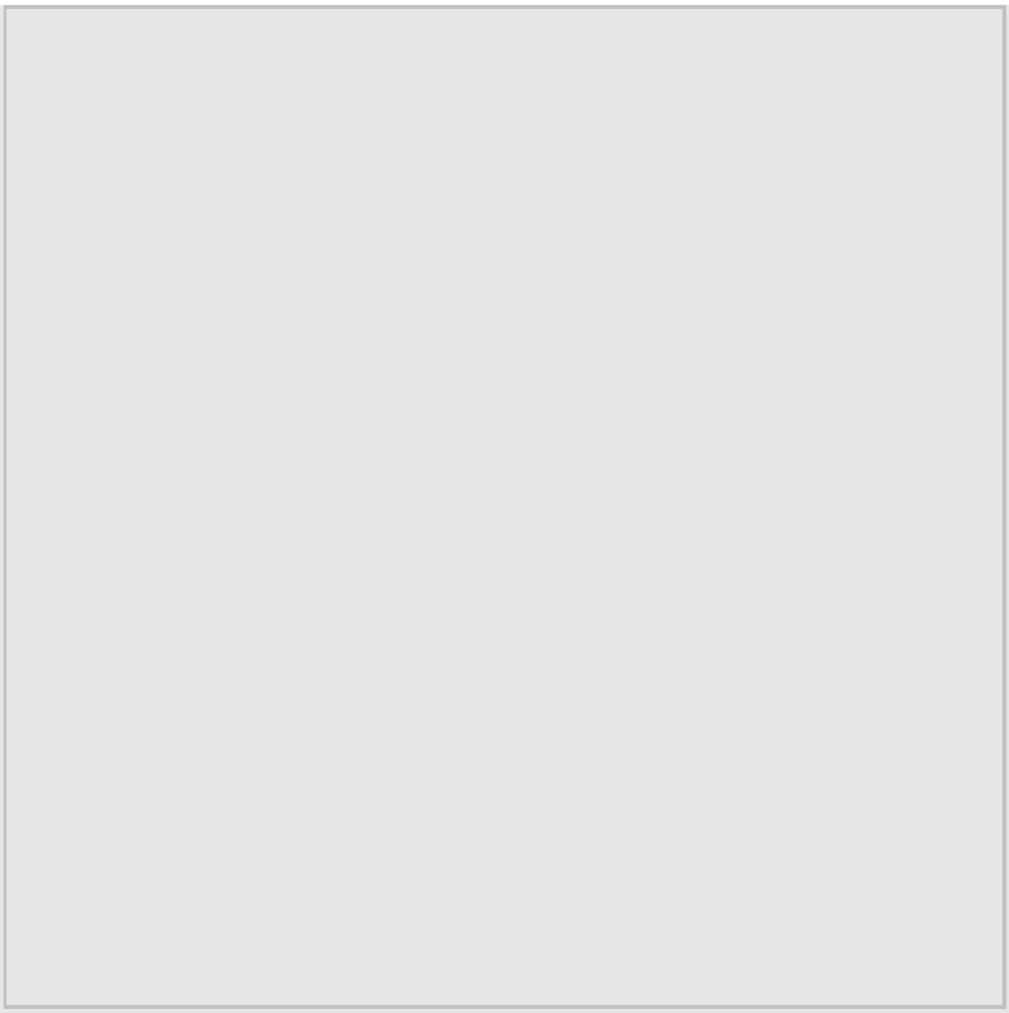
Kapsch wins traffic control contract in Spain and US court decision

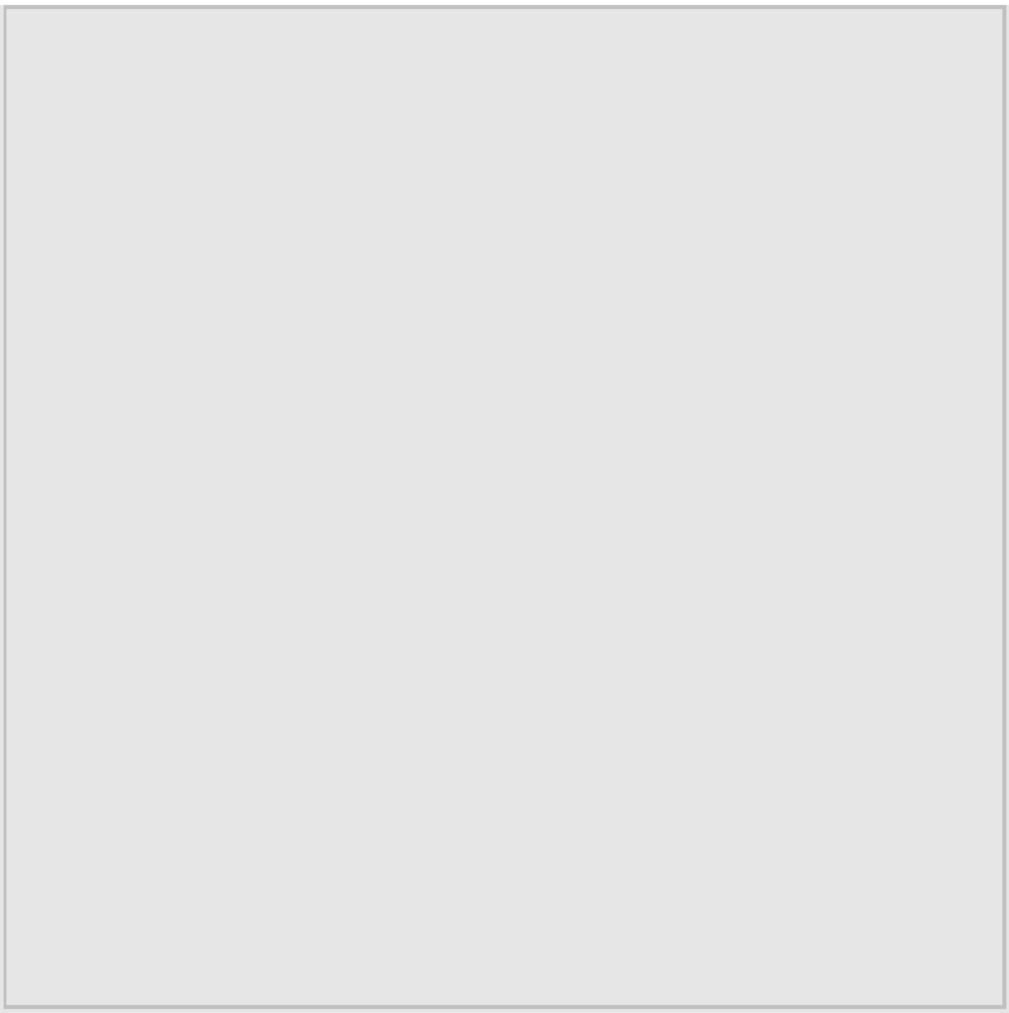
Luxembourg project uses traffic data to change public perception about congestion

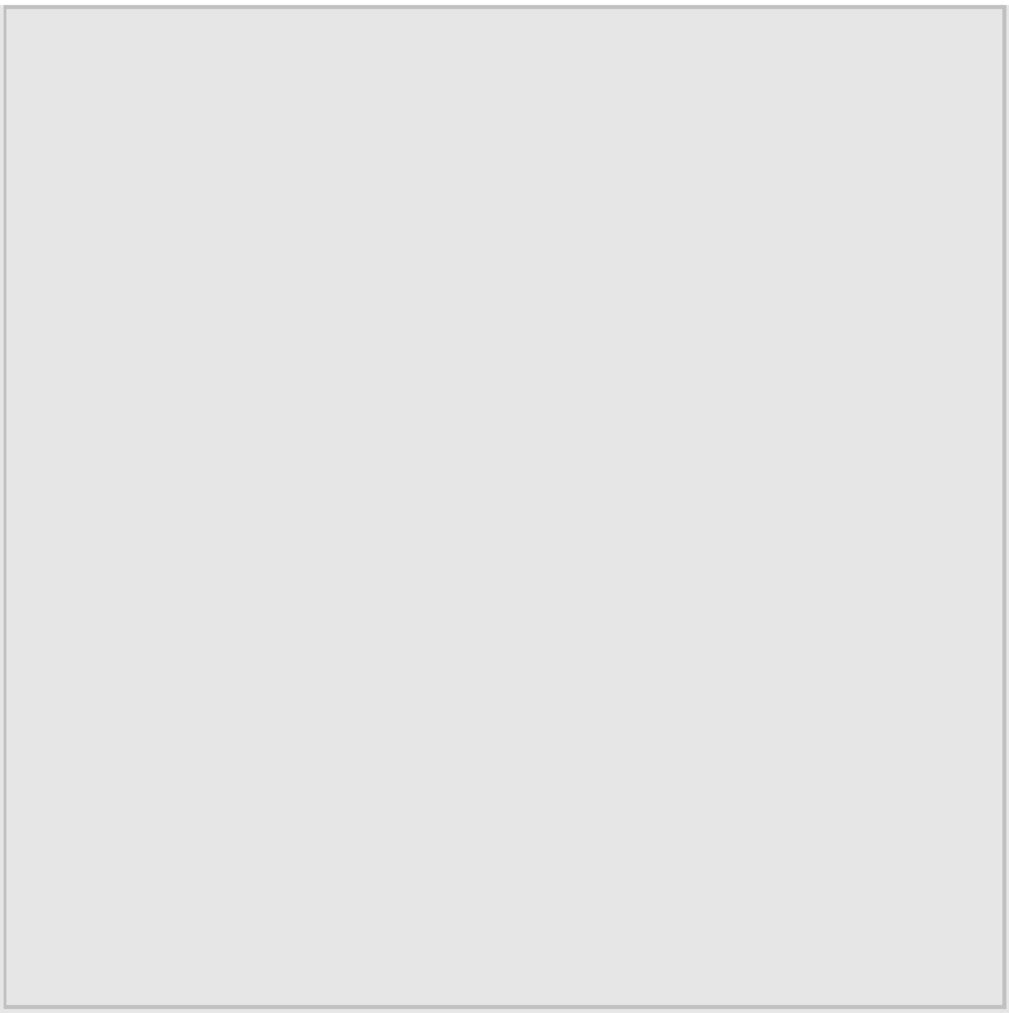
NEW INDUSTRY EVENTS: Plan your year ahead

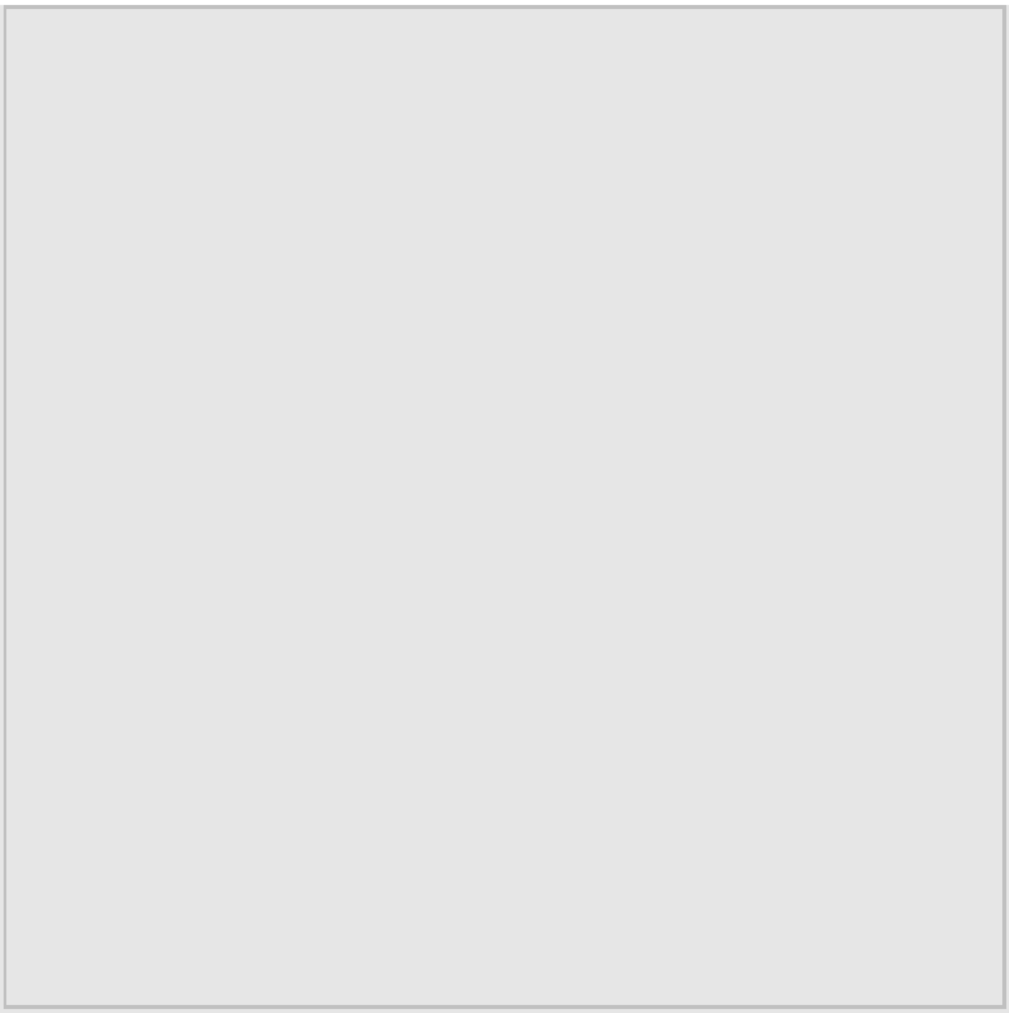
NEW JOB VACANCIES: Your next career move could be here!

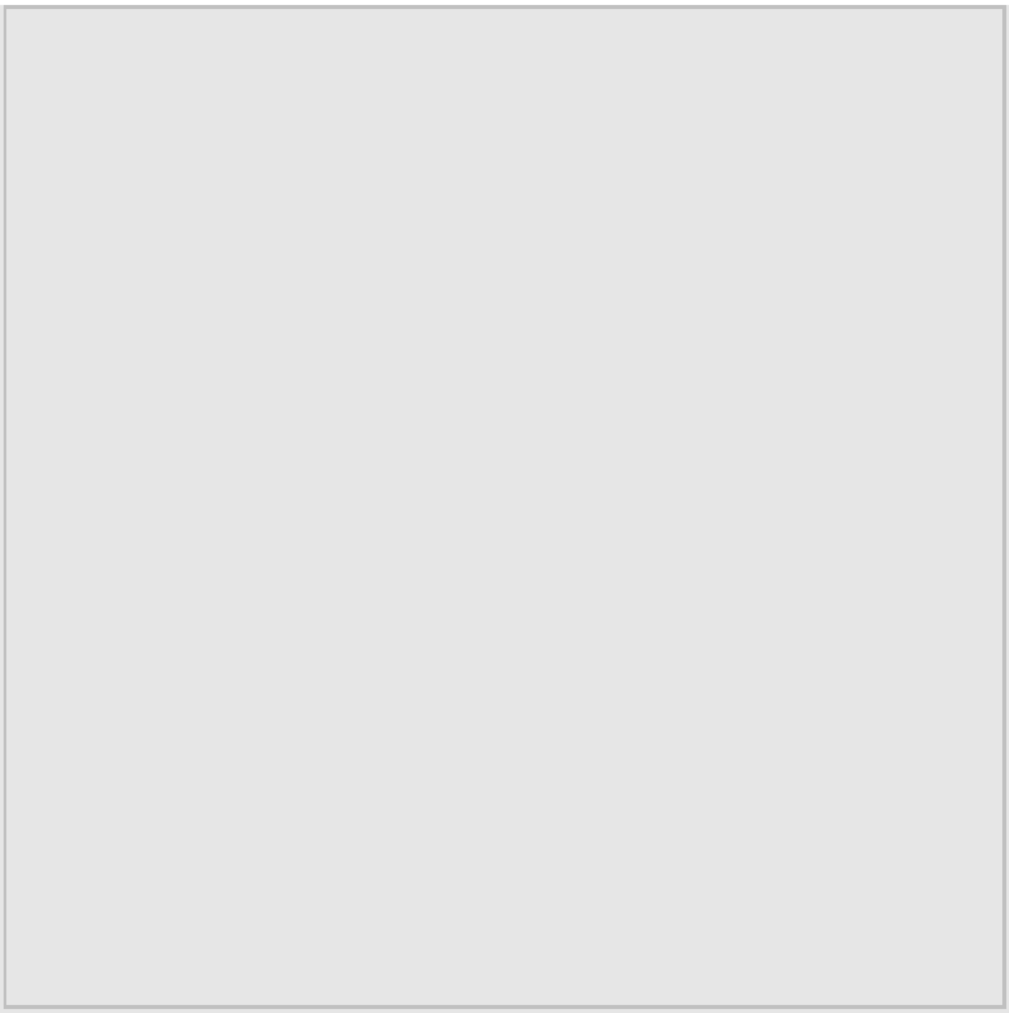












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<< COVER STORY

ALPR OVERLOAD?

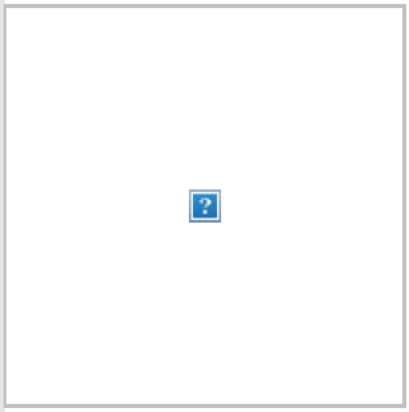
As ALPR becomes cheaper and easier to deploy, private companies are beginning to use it to enable targeted marketing and more. Do such developments represent an overuse of the technology that could erode public trust in traffic enforcement techniques?

<< HOT ENFORCEMENT

ARE HOT FRAUDS LAUGHING AT YOU?

High-occupancy vehicle and toll (HOV and HOT) lanes are designed to reward passenger carrying drivers with faster journey times and discounts. But cheating is rife.

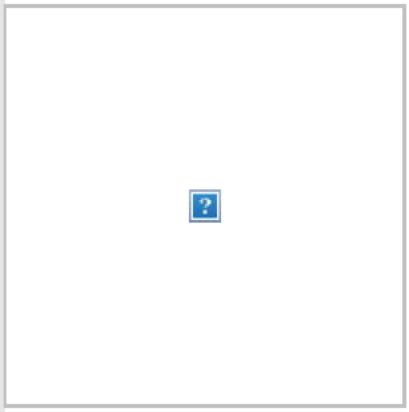




<< BICYCLE MANAGEMENT

PEDALING DATA

London's cycling boom may be slowing, but innovative developers and campaigners in the city are now making rapid progress in incorporating bicycles into an ever-richer traffic data picture.



<< INTERVIEW

SHERIF MARAKBY

Attendees of this year's ITS America Annual Meeting will find Ford's Sherif Marakby in a collaborative mood when it comes to planning AV deployment.

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From: Joel Griffin, Editor, SecurityInfoWatch.com
To: Crouse, David (POL)
Subject: Security Frontline: Why VDI tech is important for SOC deployments, ACLU sues feds for facial recognition info, more
Date: Tuesday, November 5, 2019 4:47:02 PM

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November 05, 2019

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Real words or buzzwords?: VDI – Virtual Desktop Infrastructure

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Lawsuit seeks details from DOJ, DEA and FBI on how the tech is being used

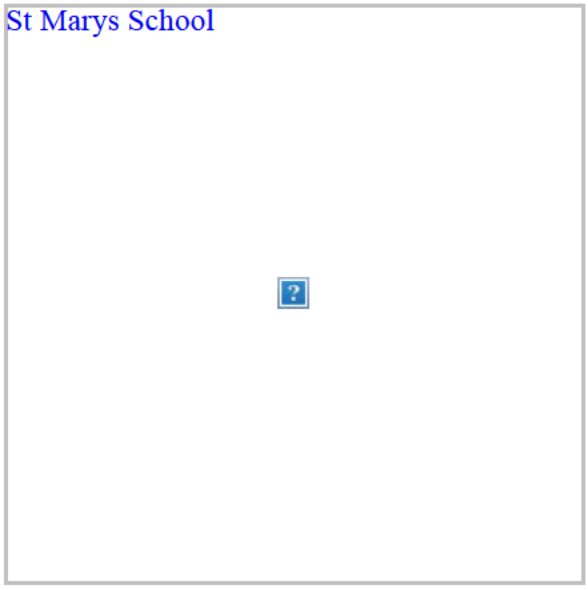
Why PCI compliance has become a critical issue
As human reality gets safer over time, it seems more of the fight moves online

SEC poll identifies challenges for security departments
Study has identified seven issues that have challenged security leaders over the last 12 months

The giveaway that gives your data away
Innocent looking USB devices can be the backdoors hackers need to infiltrate your business

Chad Wolf to be next acting DHS secretary
Wolf to be the fifth person to lead agency since Trump took office

BEST OF SECURITY TECHNOLOGY EXECUTIVE



Prefab Guard Booths Integral in Campus Perimeter Security Strategies
From B.I.G. Enterprises Inc

B.I.G. Enterprises manufactures solutions for the ever-growing security demands of national educational institutions

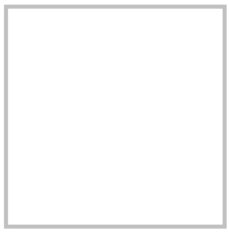
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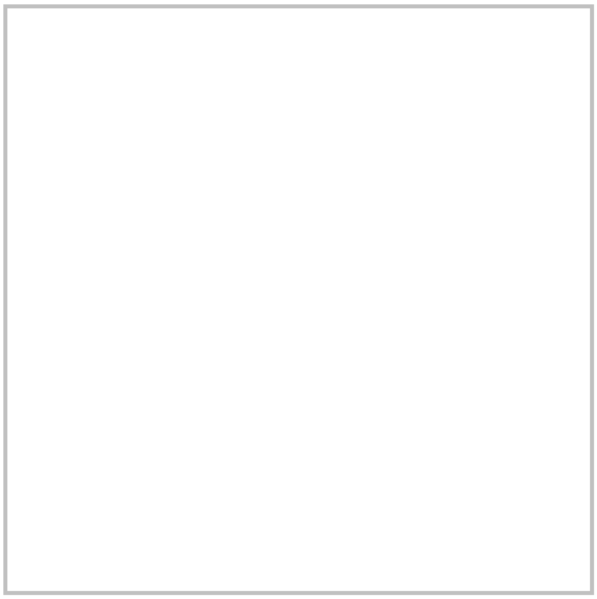
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Panasonic's i-PRO Body Worn Camera



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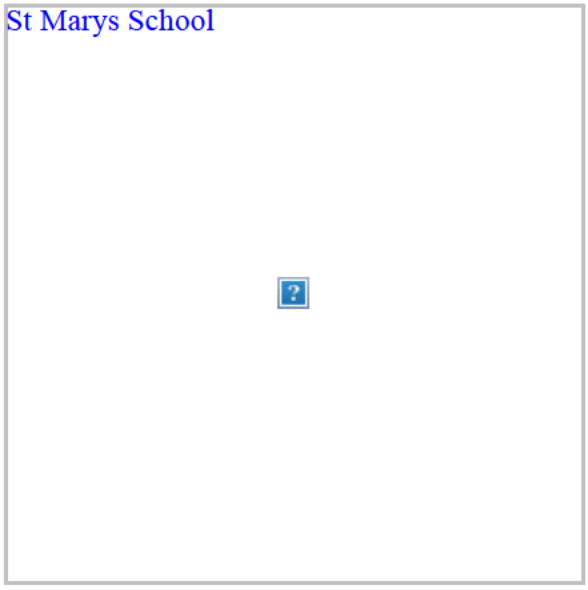
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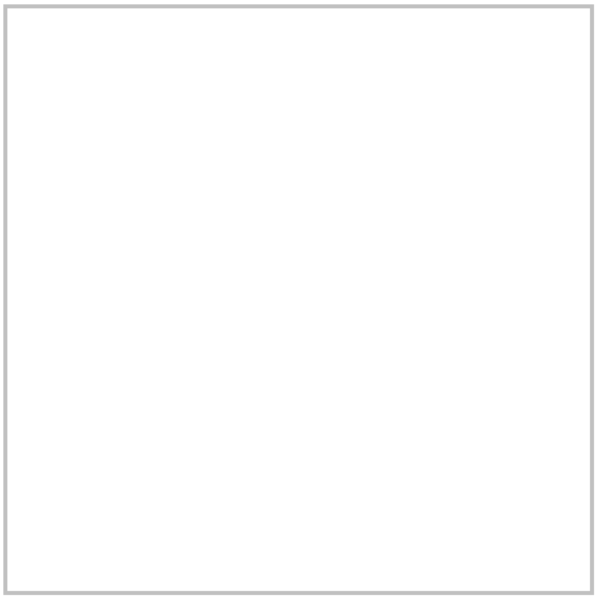
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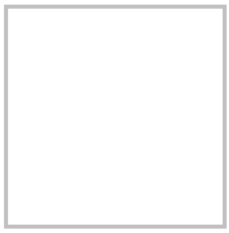


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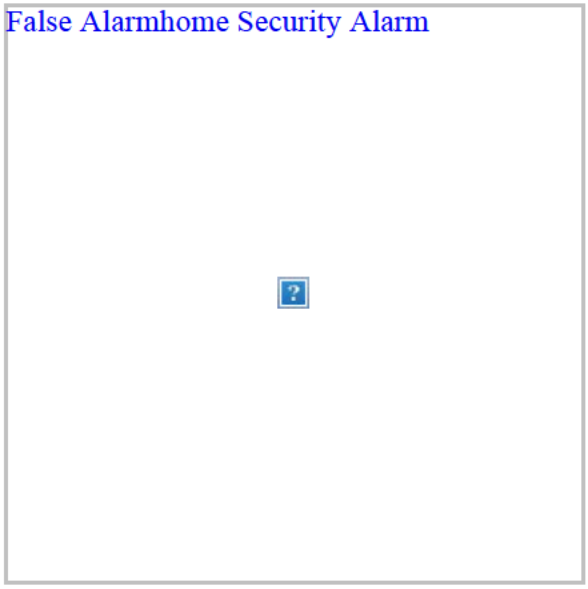
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Data-Driven False Alarm Reduction
By David Budzinski

The advancement of analytics and AI is enabling integrators and customers to proactively reduce false dispatches

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From: Joel Griffin, Editor, SecurityInfoWatch.com
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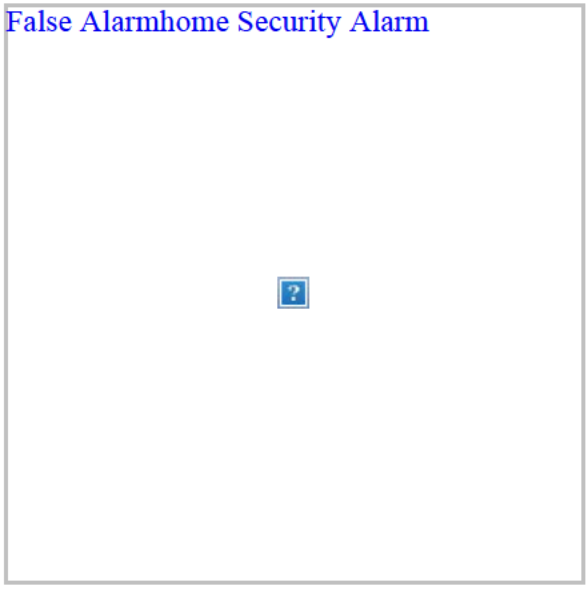
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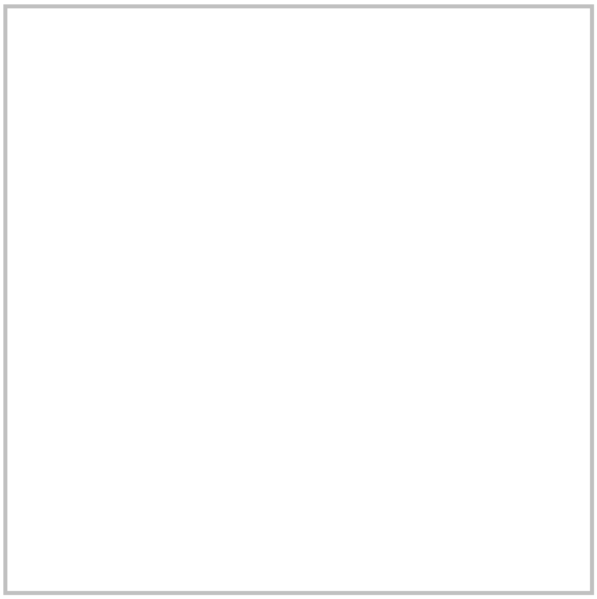
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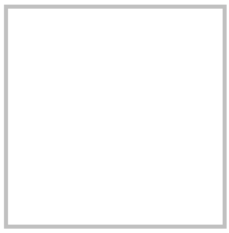


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From: info@lahidtatraining.org
To: belben, kenneth A (POL)
Subject: Some Upcoming Training Classes
Date: Wednesday, May 8, 2019 3:06:47 PM

Here is a very small portion of classes that are listed on the training calendar at LA HIDTA Training. To view all the classes posted on the training calendar, go to www.lahidtatraining.org. **To register for the below classes or any other classes, visit the LA HIDTA Training website and click on the class that you want to register for. To see the next three months of training, click the "next" button on the upper right side. You can also search by counties. At the top of the training page under "Tags", click on the county that you want to look at and it will show only training for that county.Make sure you check the Training Website on a regular basis as classes are added almost daily. Some fill up before an email blast can even go out.**

May 14, 2019 - Tuesday
Electronic Surveillance – *POST Certified- Free Class for Local L.E. POST Agencies*
Commerce, CA
Download Flyer

May 14-15, 2019; Tuesday - Wednesday
Interviews & Interrogations – *STC Certified*
Whittier, CA
Download Flyer

May 14, 2019 - Tuesday
Sovereign Citizen Extremists – *POST Certified – Free Class*
Irwindale, CA
Apply for Training
Download Flyer

May 15, 2019 - Wednesday
Civilian Leadership Course for Police Department Employees
Fresno, Ca
Download Flyer

May 16, 2019 - Thursday
San Bernardino Terrorist Attack: Everything on What Happened to Lessons Learned
Ontario, CA

Download Flyer

May 16, 2019 - Thursday
Narcotics on Patrol
Whittier, CA
Download Flyer

May 16-17, 2019; Thursday - Friday
Advanced Vehicle Contraband and Concealment
Fresno, CA
Download Flyer

May 19-20, 2019; Sunday - Monday
Law Enforcement Response to Active Shooter
Tustin, CA
Download Flyer

May 21, 2019 - Tuesday
Clandestine Laboratory Safety Recertification Course – *POST Certified – Free Class*
Seaside, CA
Download Flyer

May 22, 2019 - Wednesday
Crisis Intervention & Behavioral Health Training – *STC Certified*
Seal Beach, Ca
Download Flyer

May 22, 2019 - Wednesday
Electronic Surveillance (Wiretap) – *POST Certified – Free for Local L.E. POST Agencies*
Seaside, CA
Download Flyer

May 24, 2019 - Friday
Behavioral Threat Assessment & Management- *STC Certified*
Commerce, CA
Download Flyer

May 24, 2019 - Friday

Fighting Pistol
Chino, CA
Download Flyer

May 25, 2019 - Saturday
Bitcoin/Crypto Currency Basics
Commerce, CA
Click to Register
Download Flyer

May 27-31, 2019; Monday - Friday
Undercover Techniques and Survival for Narcotics Officers – *Free Class – Excellent Instructor – Also any supervisor that oversees a U/C Program should take this class*
Commerce, CA
Download Flyer

May 28, 2019 - Tuesday
Sex Offender Registration Compliance & Enforcement PC 290
Chino Hills, CA
Download Flyer

May 29-30, 2019; Wednesday - Thursday
MAGNUS Leadership
Santa Ana, CA
Download Flyer

June 03, 2019 - Monday
Clandestine Laboratory Safety Recertification Course – *POST Certified – Free Class*
Garden Grove, CA
Download Flyer

June 03, 2019 - Monday
Target ID & Scouting for Law Enforcement

Commerce, CA
Download Flyer

June 03-04, 2019; Monday - Tuesday
Officer Involved Domestic Violence – *POST Certified*

Los Angeles, Ca
Download Flyer

June 03-05, 2019; Monday - Wednesday
Tactical Communications Instructor Course – *POST Certified*
La Quinta, CA
Download Flyer

June 04, 2019 - Tuesday
Street Racing Enforcement Training
Dublin, CA
Download Flyer

June 05-07, 2019; Wednesday - Friday
Risk Management by Internal Auditing
La Quinta, CA
Download Flyer

June 05, 2019 - Wednesday
Terrorism Liaison Officer (TLO) Basic *UPDATED COURSE* - *POST Certified – Free Class*
Rancho Cucamonga, CA
Apply for Training
Download Flyer

June 10-11, 2019; Monday - Tuesday
Officer Involved Shootings for Field Supervisors – *POST & STC Certified*
National City, Ca
Download Flyer

June 10-12, 2019; Monday - Wednesday
Internal Affairs Seminar – *POST Certified*
Long Beach, CA
Download Flyer

June 11, 2019 - Tuesday
Electronic Surveillance – *POST Certified – Free for Local L.E. POST Agencies*
Commerce, CA

Download Flyer

June 11, 2019 - Tuesday
Informant Management: Perkins Ops, Wire Intercepts & Record KeepingOntario, CA
Download Flyer

June 13-14, 2019; Thursday - Friday
Mission Planning – *Free Class- Anybody conducting operations should take this class*
Commerce, CA
Download Flyer

June 18, 2019 - Tuesday
Automated License Plate Reader (ALPR) Technology and Procedures – *POST Certified* – *Free Class*
Fresno, CA
Download Flyer

June 24-26, 2019; Monday - Wednesday
UAS Tactical Operator's Course
Costa Mesa, CA
Download Flyer

June 24-28, 2019; Monday - Friday
M.M.B.T.H. Breacher Certification Course
Santa Monica, CA
Download Flyer

June 26, 2019 - Wednesday
Search Warrants: Everything you need to know from Patrol to Narcs – *POST Certified*
San Bernardino, CA
Download Flyer

June 28, 2019 - Friday
Echelon Front: Extreme Ownership Leadership Seminar
Brentwood, CA
Download Flyer

June 28, 2019 - Friday
Electronic Surveillance – ***POST Certified – Free for Local L.E. POST Agencies***
San Diego, CA
Download Flyer

July 01, 2019 - Monday
Gangs and Corrections
Salinas, CA
Download Flyer

July 02, 2019 - Tuesday
Law Enforcement Armorer - 1911 Pistol
Commerce, CA
Download Flyer

July 03, 2019 - Wednesday
Law Enforcement Armorer - Glock Pistol - 4 Hours
Commerce, CA
Download Flyer

July 03, 2019 - Wednesday
Glock Armorer 3.0 Law Enforcement - 4 Hours – ***Learn identification and fixes of mechanical causes attributed to specific Glock pistol/ammo malfunctions***
Commerce, CA
Download Flyer

July 10, 2019 - Wednesday
Chasing Money
Salinas, CA
Download Flyer

July 11, 2019 - Thursday
Criminal Interdiction
Folsom, CA
Download Flyer

July 11, 2019 - Thursday
Human Trafficking Investigations

Ontario, CA
Download Flyer

July 15-16, 2019; Monday - Tuesday
Officer Involved Shootings for Field Supervisors – *POST & STC Certified*
Camarillo, Ca
Download Flyer

July 15-19, 2019; Monday - Friday
Rolling Surveillance
San Luis Obispo, CA
Download Flyer

July 16-18, 2019; Tuesday - Thursday
Drug Abuse Recognition (DAR)/Drugged Driving Investigations (DDI) - *POST & STC Certified*
Monrovia, CA
Download Flyer

July 17, 2019 - Wednesday
Open Source / Social Media – *Free Class*
Commerce, CA
Download Flyer

July 22-26, 2019; Monday - Friday
Undercover Field Operations
San Luis Obispo, CA
Download Flyer

July 24-26, 2019; Wednesday - Friday
Force Encounters Analysis: Understanding Human Performance in Critical Incidents – *POST, STC & Homeland Security Certified*
Santa Barbara, CA
Download Flyer

July 25, 2019 - Thursday
Overdose Death InvestigationsOntario, CA
Download Flyer

July 25, 2019 - Thursday
Marijuana DUI Investigations
Dublin, CA
Download Flyer

July 31-August 01, 2019; Wednesday - Thursday
Policing the Mentally Ill – *STC Certified*
Hanford, CA
Download Flyer

August 02, 2019 - Friday
Enhanced Drug ID – *STC Certified*
Hanford, CA
Download Flyer

August 05, 2019 - Monday
Unmanned Aircraft Systems for Command Staff, Supervisors & Policy Makers
Commerce, CA
Download Flyer

August 06-08, 2019; Tuesday - Thursday
Drug Abuse Recognition (DAR)/Drugged Driving Investigations (DDI) – *POST & STC Certified*
Sacramento, CA
Download Flyer

August 12-13, 2019; Monday - Tuesday
Advanced Report Writing & Courtroom Protocol – *STC Certified*
Whittier, CA
Download Flyer

August 12-14, 2019; Monday - Wednesday
Covert Surveillance Training
Las Vegas, NV
Download Flyer

August 12-16, 2019; Monday - Friday
Tactical Use of the Internet (TUI) - 5-Day Advanced Training
British Columbia
Download Flyer

August 13-15, 2019; Tuesday - Thursday
Introduction to Threat Finance Analysis
Commerce, CA
Download Flyer

August 14, 2019 - Wednesday
Investigative Tactics and Updates for Narco Cases – *POST Certified*
San Bernardino, CA
Download Flyer

August 16, 2019 - Friday
Interdiction Operations
Whittier, CA
Download Flyer

August 19-23, 2019; Monday - Friday
sUAS Program Operator's Course
Costa Mesa, CA
Download Flyer

August 26, 2019 - Monday
Fentanyl Safety; Investigation and DecontaminationDublin, CA
Download Flyer

August 26-27, 2019; Monday - Tuesday
Covert Entry Specialist I Course – *Receive Lock Pick Set with Class*
Santa Monica, Ca
Download Flyer

www.lahidtatraining.org for Training Calendar

info@lahidtatraining.org for info/questions

Kenneth.Cordray@LACLEAR.ca.gov or Eric.Bunde@LACLEAR.ca.gov for trainers and schedule new classes

https://instruq.co for "On-Line Training"

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From: info@lahidtatraining.org
To: belben, kenneth A (POL)
Subject: Some Upcoming Training Classes
Date: Tuesday, April 30, 2019 1:48:59 PM

Here is a very small portion of classes that are listed on the training calendar at LA HIDTA Training. To view all the classes posted on the training calendar, go to www.lahidtatraining.org. **To register for the below classes or any other classes, visit the LA HIDTA Training website and click on the class that you want to register for. To see the next three months of training, click the "next" button on the upper right side. You can also search by counties. At the top of the training page under "Tags", click on the county that you want to look at and it will show only training for that county.Make sure you check the Training Website on a regular basis as classes are added almost daily. Some fill up before an email blast can even go out.**

May 08, 2019 - Wednesday
Basic Evidence Procedures for First Responders – *POST & STC Certified*
Long Beach, CA
Download Flyer

May 08, 2019 - Wednesday
Perkins v. Illinois TrainingAnaheim, CA
Download Flyer

May 08-10, 2019; Wednesday - Friday
Force Encounters Analysis: Understanding Human Performance in Critical Incidents – ***POST, STC & Homeland Security Certified***
Burbank, CA
Download Flyer

May 09, 2019 - Thursday
Overdose Death Investigations
San Diego, CA
Download Flyer

May 09, 2019 - Thursday
Patron Saints of the Mexican Drug Underworld – ***POST Certified***
Santa Barbara, CA
Download Flyer

May 10, 2019 - Friday
Civilian Leadership Course for Police Department Employees
Tustin, Ca
Download Flyer

May 13, 2019 - Monday
Controlled Deliveries
Whittier, CA
Download Flyer

May 13, 2019 - Monday
Career Seminars: Promotion Preparation – *Designed for Any rank of promotion*
Palm Springs, CA
Download Flyer

May 13-15, 2019; Monday - Wednesday
Critical Incident Training for Managers and Supervisors – *POST Certified*
Arroyo Grande, CA
Download Flyer

May 14, 2019 - Tuesday
Electronic Surveillance – *POST Certified – Free for Local POST Agencies*
Commerce, CA
Download Flyer

May 14-16, 2019; Tuesday - Thursday
Assertive Supervision: Practical Approaches to Performance Management – *POST & STC Certified*
Chula Vista, CA
Download Flyer

May 15-17, 2019; Wednesday - Friday
Force Encounters Analysis: Understanding Human Performance in Critical Incidents – *POST, STC & Homeland Security Certified*
Commerce, CA
Download Flyer

May 16, 2019 - Thursday
Crisis Intervention & Behavioral Health Training – *STC Certified*
Fresno, Ca
Download Flyer

May 17, 2019 - Friday
"The Fight After the Fight"Rohnert Park, CA
Download Flyer

May 17-18, 2019; Friday - Saturday
Law Enforcement Response to Active Shooter
Tustin, CA
Download Flyer

May 20, 2019 - Monday
Clandestine Laboratory Safety Recertification Course – *POST Certified – Free Class*
Seaside, CA
Download Flyer

May 24, 2019 - Friday
Police Promotion: Oral Interview Training Workshop
Chino Hills, CA
Download Flyer

May 25, 2019 - Saturday
Bitcoin/Crypto Currency Basics
Commerce, CA
Click to Register
Download Flyer

May 27-31, 2019; Monday - Friday
Undercover Techniques and Survival for Narcotics Officers – *Free Class – Instructor has been involved in long-term U/C ops and is the instructor for the FBI U/C school and Pennsylvania State Police "Top Gun" U/C school to name a few*
Commerce, CA
Download Flyer

May 28, 2019 - Tuesday

Critical Incident Response for Peer Support Teams
Carlsbad, Ca
Download Flyer

May 28-31, 2019; Tuesday - Friday
Southern CA Gang Conference X – *Numerous Training Topics*
San Diego, CA
Download Flyer

May 29, 2019 - Wednesday
Asset Forfeiture
Watsonville, CA
Download Flyer

May 30, 2019 - Thursday
Basic Peer Support Training
Oxnard, Ca
Download Flyer

May 31, 2019 - Friday
Bias-Based Policing: Remaining Fair & Impartial – *Choose AM or PM Class*
Seal Beach, Ca
Download Flyer

June 03, 2019 - Monday
Target ID & Scouting for Law Enforcement
Commerce, CA
Download Flyer

June 03-04, 2019; Monday - Tuesday
Survive & Thrive: Protecting You and Your Fellow Officers – *Free Class*
Solvang, CA
Download Flyer

June 03, 2019 - Monday
Funding Terrorism and Domestic Sex Trafficking – *Free Class*
Chino, CA
Apply for Training

Download Flyer

June 04, 2019 - Tuesday
Clandestine Laboratory Safety Recertification Course – *POST Certified – Free Class*
Garden Grove, CA
Download Flyer

June 05, 2019 - Wednesday
Train-the-Trainer Workshop – *Free Class*
Solvang, CA
Download Flyer

June 05, 2019 - Wednesday
Counter Ambush Handgun Tactics LE/Military
Corona, CA
Download Flyer

June 06, 2019 - Thursday
Combat Handgun Law Enforcement Women
Corona, CA
Download Flyer

June 07, 2019 - Friday
Tactical Emergency Casualty Care for Law Enforcement & First Responders Provider Course – *NAEMT Certified*
Commerce, CA
Download Flyer

June 10, 2019 - Monday
Career Seminars: Promotion Preparation – *Designed for Any rank of promotion*
Carlsbad, CA
Download Flyer

June 10, 2019 - Monday
Unmanned Aircraft Overview Course
Commerce, CA
Download Flyer

June 12, 2019 - Wednesday
LA CLEAR Overview & Watch Center Orientation – *Free – A Must for Any Investigator*
Commerce, CA
Click to Register
Download Flyer

June 12-13, 2019; Wednesday - Thursday
Advanced Roadside Impaired Driving Enforcement (ARIDE) – *POST Certified – Free Class*
Irvine, CA
Download Flyer

June 13-14, 2019; Thursday - Friday
Mission Planning – *Free Class*
Commerce, CA
Download Flyer

June 13, 2019 - Thursday
Human Trafficking Awareness – *Free Class*
Irwindale, CA
Apply for Training
Download Flyer

June 14, 2019 - Friday
Tactical Emergency Casualty Care for Law Enforcement & First Responders Provider Course – *NAEMT Certified*
Ventura, CA
Download Flyer

June 18, 2019 - Tuesday
Automated License Plate Reader (ALPR) Technology and Procedures – *POST Certified – Free Class*
Fresno, CA
Download Flyer

June 18-20, 2019; Tuesday - Thursday
Drug Abuse Recognition (DAR)/Drugged Driving Investigations (DDI) – *POST & STC Certified*
Commerce, CA

Download Flyer

June 19, 2019 - Wednesday
Mexican Cartels and U.S. Gangs – *STC Certified*
Whittier, CA
Download Flyer

June 24-28, 2019; Monday - Friday
Crime Prevention Through Environmental Design - Basic Course – *POST Certified*
Pico Rivera, Ca
Download Flyer

June 24-28, 2019; Monday - Friday
Crime and Intelligence Analysis - Level I – *POST Certified*
San Diego, Ca
Download Flyer

June 27-28, 2019; Thursday - Friday
UAS Nighttime Operator's Course
Costa Mesa, CA
Download Flyer

July 08-09, 2019; Monday - Tuesday
Penlink - PLX 101 – *Free Class*
Commerce, CA
Download Flyer

July 16, 2019 - Tuesday
Open Source / Social Media – *Free Class*
Commerce, CA
Download Flyer

July 16-18, 2019; Tuesday - Thursday
Critical Incident Response Training for Managers and Supervisors – *POST Certified*
Novato, Ca
Download Flyer

July 24-26, 2019; Wednesday - Friday
3-Day Sex Offender Supervision Officer (SOSO) Boot Camp – *POST & STC Certified*
Anaheim, CA
Download Flyer

July 30-August 01, 2019; Tuesday - Thursday
Analytical Tradecraft for Law Enforcement – *Free Class*
Commerce, CA
Download Flyer

August 13-16, 2019; Tuesday - Friday
28th Annual Gang Violence Conference
Garden Grove, Ca
Download Flyer

August 28, 2019 - Wednesday
Sport Bike Investigations: Theft Methods & Trends
San Bernardino, CA
Download Flyer

September 09-13, 2019; Monday - Friday
2019 Skeletal Recovery Workshop
Burbank, CA
Download Flyer

September 09-20, 2019; Monday - Friday
Basic Intelligence Analyst
Chandler, AZ
Download Flyer

www.lahidtatraining.org for Training Calendar

info@lahidtatraining.org for info/questions

Kenneth.Cordray@LACLEAR.ca.gov or Eric.Bunde@LACLEAR.ca.gov

for trainers and schedule new classes

https://instruq.co for “On-Line Training”

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From: info@lahidtatraining.org
To: belben, kenneth A (POL)
Subject: Some Upcoming Training Classes
Date: Thursday, May 30, 2019 6:52:20 PM

Here is a very small portion of classes that are listed on the training calendar at LA HIDTA Training. To view all the classes posted on the training calendar, go to www.lahidtatraining.org. **To register for the below classes or any other classes, visit the LA HIDTA Training website and click on the class that you want to register for. To see the next three months of training, click the "next" button on the upper right side. You can also search by counties. At the top of the training page under "Tags", click on the county that you want to look at and it will show only training for that county.Make sure you check the Training Website on a regular basis as classes are added almost daily. Some fill up before an email blast can even go out.**

June 06, 2019 - Thursday
Combat Handgun Law Enforcement Women
Corona, CA
Download Flyer

June 12-13, 2019; Wednesday - Thursday
Advanced Roadside Impaired Driving Enforcement (ARIDE) – *POST Certified – Free Class*
Irvine, CA
Download Flyer

June 13, 2019 - Thursday
Cyber Crime/Fraud, Identity Theft Training
Santa Fe Springs, CA
Download Flyer

June 13-14, 2019; Thursday - Friday
Mission Planning – *Free Class*
Commerce, CA
Download Flyer

June 18, 2019 - Tuesday

Automated License Plate Reader (ALPR) Technology and Procedures – *Free Class*
Fresno, CA
Download Flyer

June 20, 2019 - Thursday
Narco Life – *STC Certified*
Whittier, CA
Download Flyer

June 20, 2019 - Thursday
Active Shooter Drill
Corona, Ca
Download Flyer

June 21, 2019 - Friday
Covert Methods of Entry - Operators Course – *Receive Lock Pick Set & Bypass Tools with Class*
Whittier, CA
Download Flyer

June 21-22, 2019; Friday - Saturday
Law Enforcement Response to Active Shooter
Tustin, CA
Download Flyer

June 23-24, 2019; Sunday - Monday
Law Enforcement Response to Active Shooter
Tustin, CA
Download Flyer

June 24-28, 2019; Monday - Friday
Crime and Intelligence Analysis - Level I – *POST Certified*
San Diego, Ca
Download Flyer

June 26, 2019 - Wednesday
Cold Stop Criminal Interdiction
Dublin, CA

Download Flyer

June 27, 2019 - Thursday
Use of Force
Chico, CA
Download Flyer

June 27-28, 2019; Thursday - Friday
UAS Nighttime Operator's CourseCosta Mesa, CA
Download Flyer

July 02, 2019 - Tuesday
Law Enforcement Armorer - 1911 Pistol
Commerce, CA
Download Flyer

July 02, 2019 - Tuesday
Plain Clothes Combat for Law Enforcement
Corona, CA
Download Flyer

July 03, 2019 - Wednesday
Law Enforcement Armorer - Glock Pistol - 4 Hours
Commerce, CA
Download Flyer

July 08-09, 2019; Monday - Tuesday
Penlink - PLX 101 – *Free Class*
Commerce, CA
Download Flyer

July 08-09, 2019; Monday - Tuesday
Policing the Mentally Ill – *STC Certified*
Whittier, CA
Download Flyer

July 10, 2019 - Wednesday

LA CLEAR Overview & Watch Center Orientation – *Free Class – A must for any Investigator*
Commerce, CA
Click to Register
Download Flyer

July 10, 2019 - Wednesday
Highway Interdiction-Criminal Apprehension
Redding, CA
Download Flyer

July 11, 2019 - Thursday
Informant Development/Management – *POST Certified*
Long Beach, CA
Download Flyer

July 12, 2019 - Friday
DUI Checkpoints - Planning and Management – *POST Certified*
Riverside, Ca
Download Flyer

July 15, 2019 - Monday
Preliminary Alcohol Screening (PAS) Instruments – *POST Certified*
Riverside, Ca
Download Flyer

July 16-18, 2019; Tuesday - Thursday
Drug Abuse Recognition (DAR)/Drugged Driving Investigations (DDI) – *POST & STC Certified*
Monrovia, CA
Download Flyer

July 16-18, 2019; Tuesday - Thursday
Critical Incident Response Training for Managers and Supervisors – *POST Certified*
Novato, Ca
Download Flyer

July 18-19, 2019; Thursday - Friday

Part 107 Remote Pilot Certificate Test Prep for L.E. & Public Safety
Buena Park, CA
Download Flyer

July 18, 2019 - Thursday
Terrorism Liaison Officer (TLO) Basic *UPDATED COURSE* - *POST Certified – Free Class*
Lancaster, CA
Apply for Training
Download Flyer

July 22-26, 2019; Monday - Friday
Undercover Field Operations
San Luis Obispo, CA
Download Flyer

July 24-26, 2019; Wednesday - Friday
3-Day Sex Offender Supervision Officer (SOSO) Boot Camp – *POST & STC Certified*
Anaheim, CA
Download Flyer

July 25, 2019 - Thursday
Marijuana DUI Investigations
Dublin, CA
Download Flyer

July 29, 2019 - Monday
Covert Methods of Entry - Operators Course – *Receive Lock Pick Set & Bypass Tools with Class*
Whittier, CA
Download Flyer

July 30-August 01, 2019; Tuesday - Thursday
Analytical Tradecraft for Law Enforcement – *Free Class*
Commerce, CA
Download Flyer

July 31, 2019 - Wednesday

Terrorism Liaison Officer (TLO) Basic *UPDATED COURSE* - ***POST Certified – Free Class***
Corona, CA
Apply for Training
Download Flyer

August 05, 2019 - Monday
Unmanned Aircraft Systems for Command Staff, Supervisors & Policy Makers
Commerce, CA
Download Flyer

August 05-07, 2019; Monday - Wednesday
Human Trafficking: Investigations & Prosecutions
Dublin, CA
Download Flyer

August 06, 2019 - Tuesday
Electronic Surveillance (Wiretap) – ***POST Certified – Free Class for Local POST Agencies***
Commerce, CA
Download Flyer

August 12-15, 2019; Monday - Thursday
ILGIA 17th Annual Gang Conference
Las Vegas, NV
Download Flyer

August 13, 2019 - Tuesday
Crisis Intervention & Behavioral Health Training – ***POST & STC Certified***
Mountain View, Ca
Download Flyer

August 13-15, 2019; Tuesday - Thursday
Introduction to Threat Finance Analysis – ***Free Class***
Commerce, CA
Download Flyer

August 13-16, 2019; Tuesday - Friday
28th Annual Gang Violence Conference

Garden Grove, Ca
Download Flyer

August 14, 2019 - Wednesday
Making Meth – *STC Certified*
Whittier, CA
Download Flyer

August 14, 2019 - Wednesday
Emotional Intelligence for Law Enforcement
Mountain View, Ca
Download Flyer

August 15, 2019 - Thursday
Civilian Leadership Course for Public Safety Personnel – *STC Certified*
Mountain View, Ca
Download Flyer

August 19-21, 2019; Monday - Wednesday
Force Encounters Analysis: Understanding Human Performance in Critical Incidents – *POST & STC Certified*
Irvine, CA
Download Flyer

August 19-23, 2019; Monday - Friday
sUAS Program Operator's Course – *POST Certified*
Costa Mesa, CA
Download Flyer

August 26, 2019 - Monday
Critical Incident Management for Executives
Camarillo, Ca
Download Flyer

September 09, 2019 - Monday
Fighting Pistol
Chino, CA
Download Flyer

September 09-11, 2019; Monday - Wednesday
Force Encounters Analysis: Understanding Human Performance in Critical Incidents – *POST & STC Certified*
San Leandro, CA
Download Flyer

September 09-13, 2019; Monday - Friday
2019 Skeletal Recovery Workshop
Burbank, CA
Download Flyer

September 09-20, 2019; Monday - Friday
Basic Intelligence Analyst
Chandler, AZ
Download Flyer

September 10, 2019 - Tuesday
The First Fifteen: Critical Incident Response for Field Officers – *POST Certified*
Carmel, Ca
Download Flyer

September 10-12, 2019; Tuesday - Thursday
Assertive Supervision: Practical Approaches to Performance Management – *POST & STC Certified*
Fresno, CA
Download Flyer

September 12, 2019 - Thursday
Search & Seizure – *POST Certified*
Imperial, CA
Download Flyer

September 16-18, 2019; Monday - Wednesday
Assertive Supervision: Practical Approaches to Performance Management – *POST & STC Certified*
Huntington Beach, CA
Download Flyer

September 17, 2019 - Tuesday
Las Vegas Route 91 Mass Shooting
Fontana, ca
Download Flyer

September 17-19, 2019; Tuesday - Thursday
Drug Abuse Recognition (DAR)/Drugged Driving Investigations (DDI) – *POST & STC Certified*
Paso Robles, CA
Download Flyer

September 30-October 04, 2019; Monday - Friday
2019 Rural Crime School
Visalia, CA
Download Flyer

www.lahidtatraining.org for Training Calendar

info@lahidtatraining.org for info/questions

Kenneth.Cordray@LACLEAR.ca.gov or Eric.Bunde@LACLEAR.ca.gov for trainers and schedule new classes

https://instruq.co for "On-Line Training"

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From: Police Technology eXchange
To: O"Riordan, Brian (POL)
Subject: Sourcing Technology? Do it on OUR dime.
Date: Wednesday, October 30, 2019 6:18:07 PM

Will you be joining us at PTX?

POLICE Technology eXchange brings together senior-level IT, Communications and Technology decision-makers face-to-face with law enforcement technology suppliers. This networking opportunity is at **no cost*** to qualified police agency buyers of IT and other technology.

Hurry and apply today because the application deadline is this **Friday, November 1st!**

Event Dates:
December 9-11, 2019

Apply Now to Participate

At the exchange, you'll have one-on-one meetings with leading industry suppliers to talk about ideas, share challenges, and learn best practices. You'll also explore:

Drones | Hybrid Patrol Vehicles | Facial Recognition

- AI & Virtual/Augmented Reality
- e-Citation
- Mobile Data Terminals/Rugged Laptops & Tablets
- ALPR/LPR
- Gunshot Detection Systems
- Intelligence-Led Policing
- Mobile/Rugged Technology
- Investigative Software
- Data/Information Sharing
- Cloud-Based Technology
- Crime Analysis
- Interoperability
- Vehicle Armoring
- Video Storage/Analysis
- Smartphones
- Broadband

To participate, complete the application.

For more information please visit www.PoliceTechnologyeXchange.com or call (800) 576-8788, 9:00am-5:00pm PST

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From: Police Technology eXchange
To: Michno, Michael (POL)
Subject: Sourcing Technology? Do it on OUR dime.
Date: Wednesday, October 30, 2019 6:17:29 PM

Will you be joining us at PTX?

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Drones | Hybrid Patrol Vehicles | Facial Recognition

- AI & Virtual/Augmented Reality
- e-Citation
- Mobile Data Terminals/Rugged Laptops & Tablets
- ALPR/LPR
- Gunshot Detection Systems
- Intelligence-Led Policing
- Mobile/Rugged Technology
- Investigative Software
- Data/Information Sharing
- Cloud-Based Technology
- Crime Analysis
- Interoperability
- Vehicle Armoring
- Video Storage/Analysis
- Smartphones
- Broadband

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From: Police Technology eXchange
To: Kiley, Mark (POL)
Subject: Sourcing Technology? Do it on OUR dime.
Date: Wednesday, October 30, 2019 6:17:28 PM

Will you be joining us at PTX?

POLICE Technology eXchange brings together senior-level IT, Communications and Technology decision-makers face-to-face with law enforcement technology suppliers. This networking opportunity is at **no cost*** to qualified police agency buyers of IT and other technology.

Hurry and apply today because the application deadline is this **Friday, November 1st!**

Event Dates:
December 9-11, 2019

Apply Now to Participate

At the exchange, you'll have one-on-one meetings with leading industry suppliers to talk about ideas, share challenges, and learn best practices. You'll also explore:

Drones | Hybrid Patrol Vehicles | Facial Recognition

- AI & Virtual/Augmented Reality
- e-Citation
- Mobile Data Terminals/Rugged Laptops & Tablets
- ALPR/LPR
- Gunshot Detection Systems
- Intelligence-Led Policing
- Mobile/Rugged Technology
- Investigative Software
- Data/Information Sharing
- Cloud-Based Technology
- Crime Analysis
- Interoperability
- Vehicle Armoring
- Video Storage/Analysis
- Smartphones
- Broadband

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From: Police Technology eXchange
To: Favuzza, Robert (POL)
Subject: Sourcing Technology? Do it on OUR dime.
Date: Wednesday, October 30, 2019 6:16:55 PM

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Hurry and apply today because the application deadline is this **Friday, November 1st!**

Event Dates:
December 9-11, 2019

Apply Now to Participate

At the exchange, you'll have one-on-one meetings with leading industry suppliers to talk about ideas, share challenges, and learn best practices. You'll also explore:

Drones | Hybrid Patrol Vehicles | Facial Recognition

- AI & Virtual/Augmented Reality
- e-Citation
- Mobile Data Terminals/Rugged Laptops & Tablets
- ALPR/LPR
- Gunshot Detection Systems
- Intelligence-Led Policing
- Mobile/Rugged Technology
- Investigative Software
- Data/Information Sharing
- Cloud-Based Technology
- Crime Analysis
- Interoperability
- Vehicle Armoring
- Video Storage/Analysis
- Smartphones
- Broadband

To participate, complete the application.

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From: Police Technology eXchange
To: Rizos, Byron (POL)
Subject: Sourcing Technology? Do it on OUR dime.
Date: Wednesday, October 30, 2019 6:16:54 PM

Will you be joining us at PTX?

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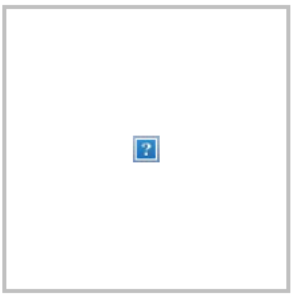


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Axle Shaft

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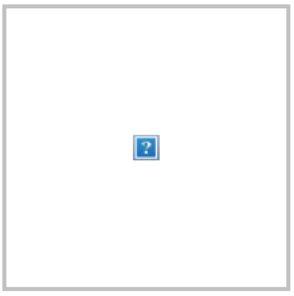
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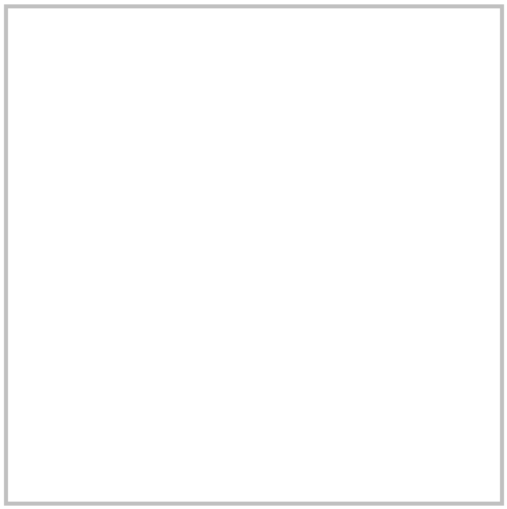
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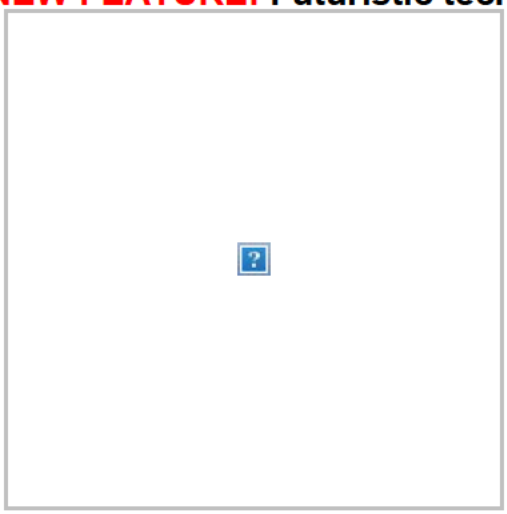
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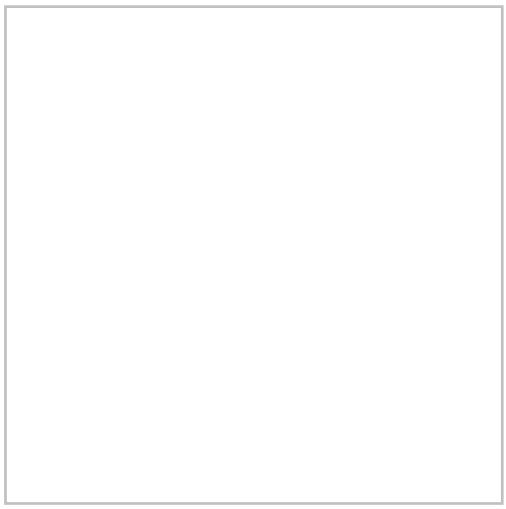


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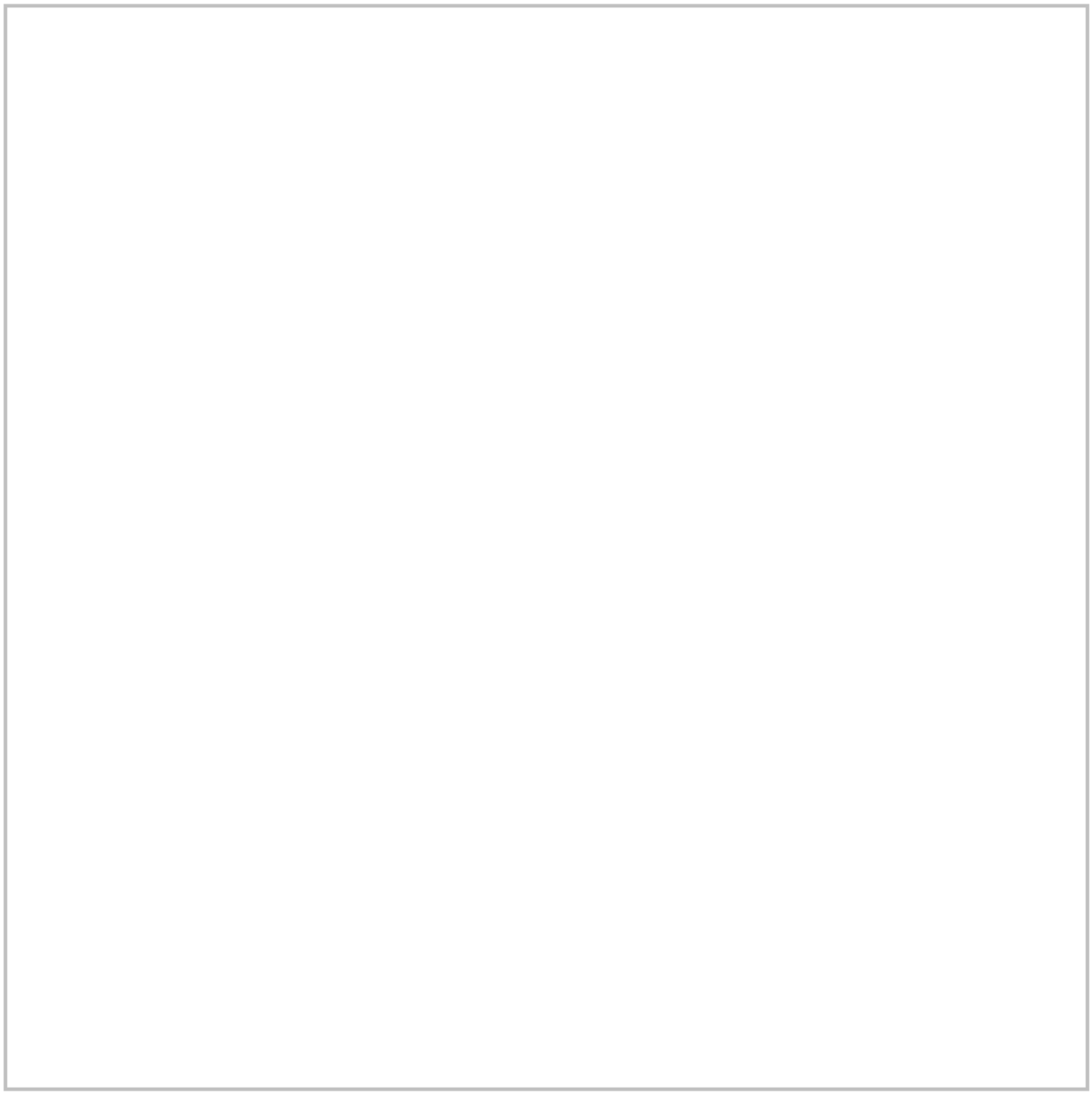
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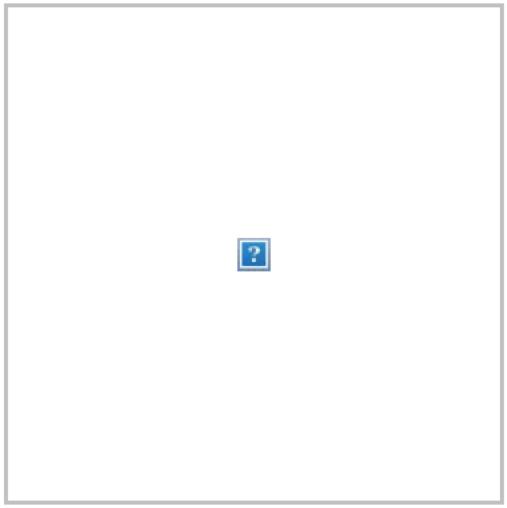
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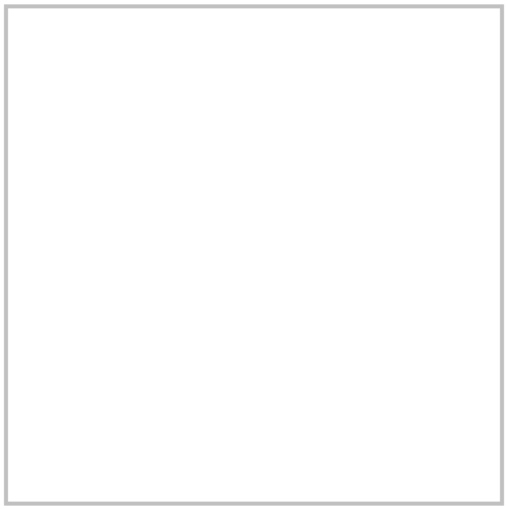


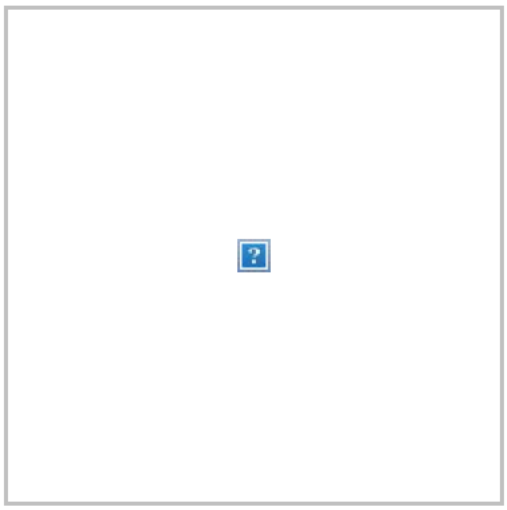
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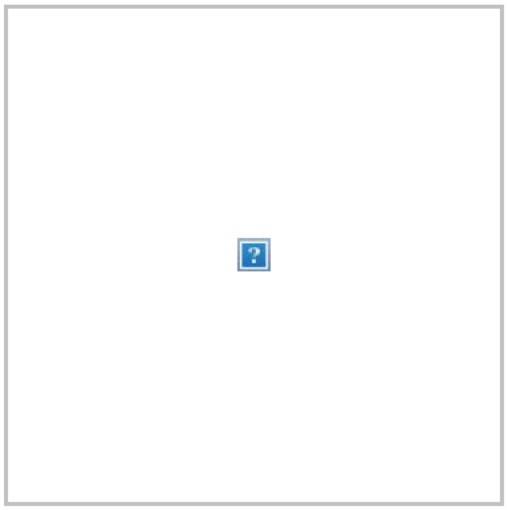




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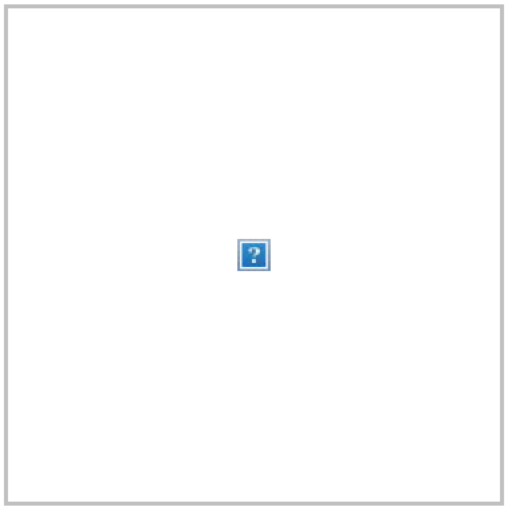
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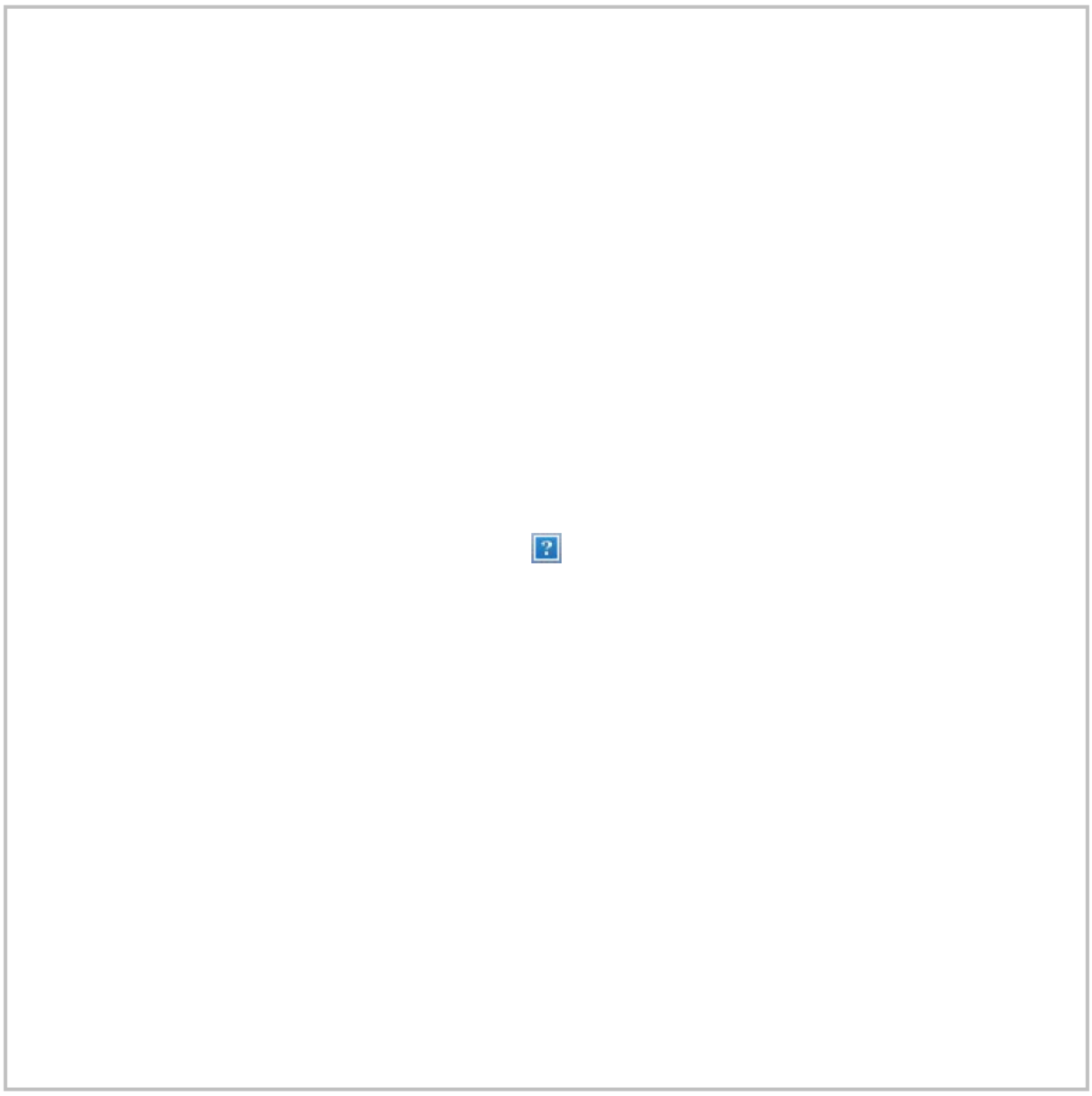
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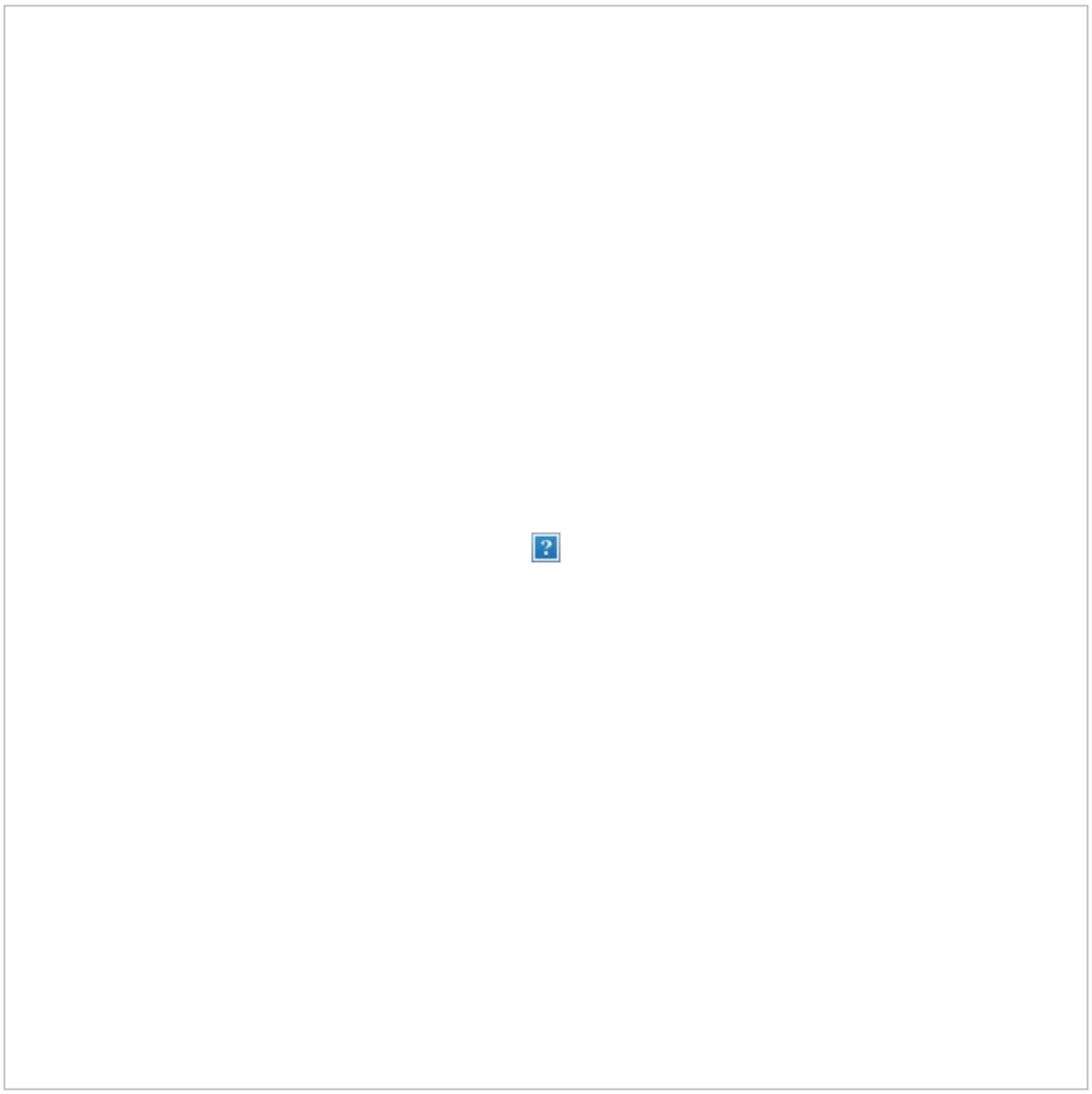
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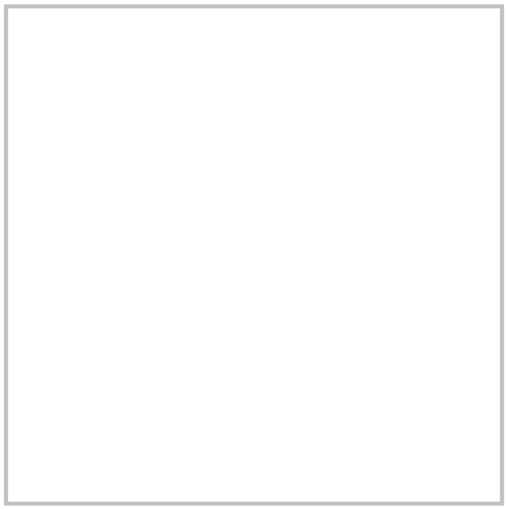
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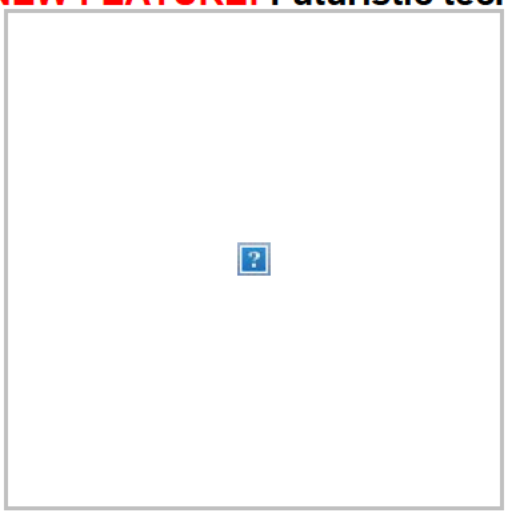


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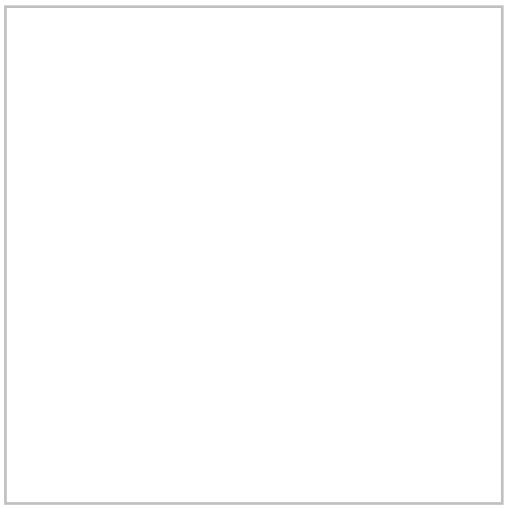


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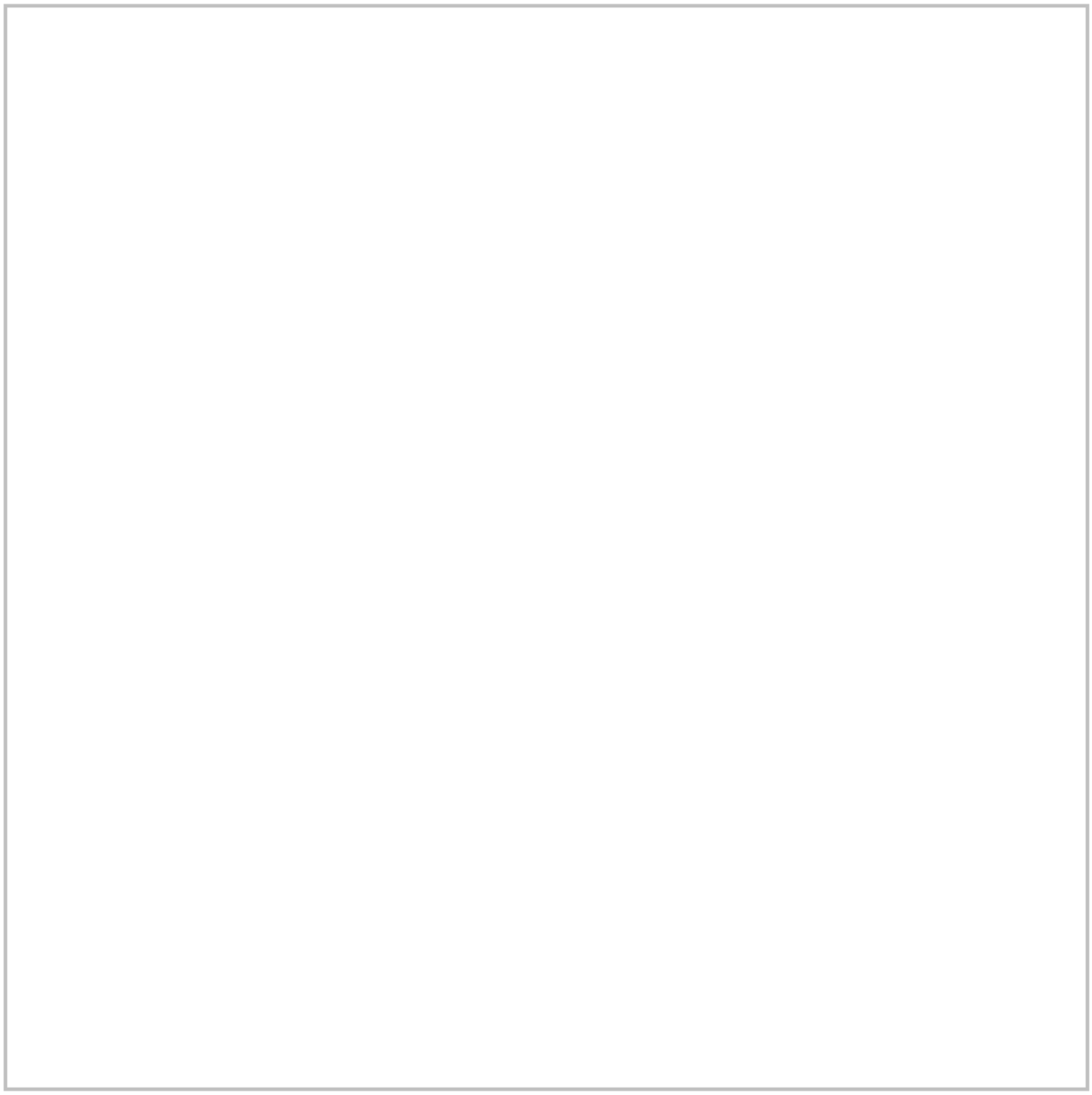
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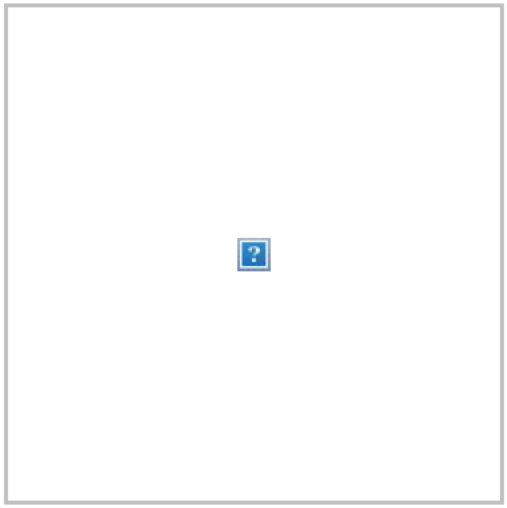
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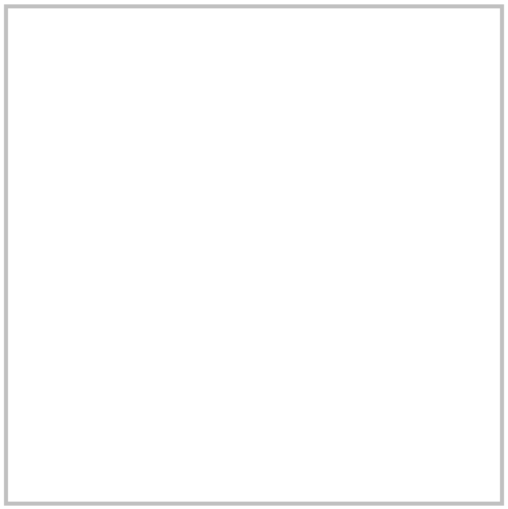


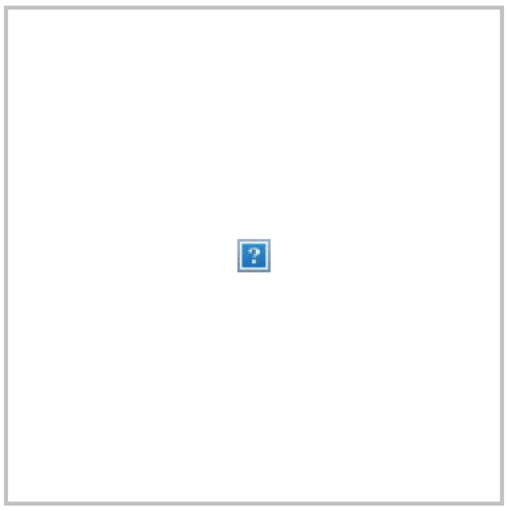
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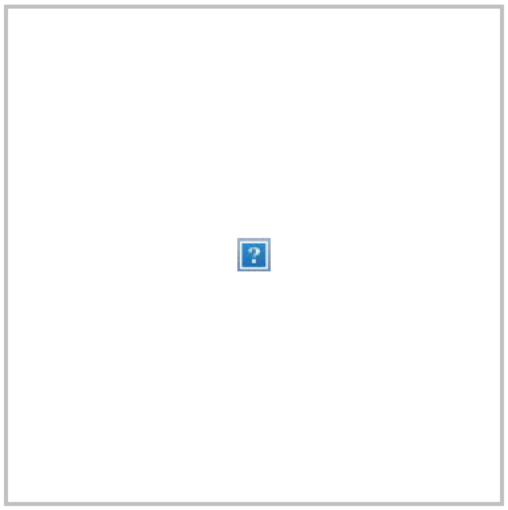




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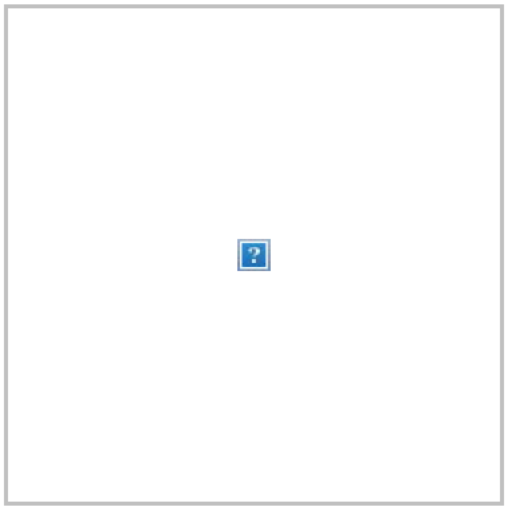
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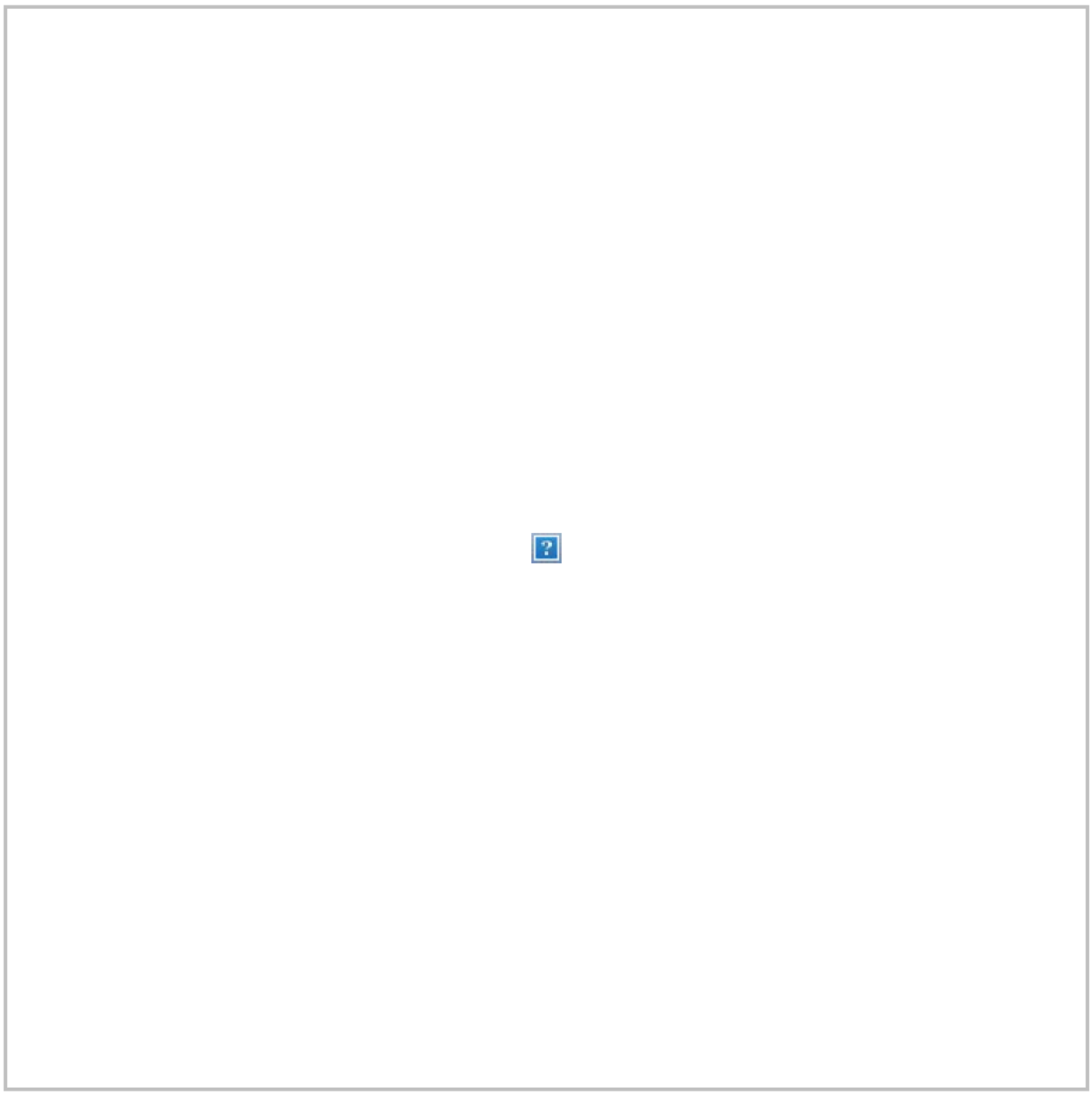
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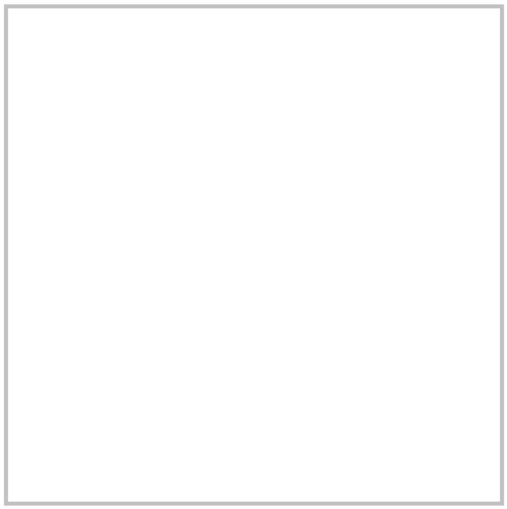


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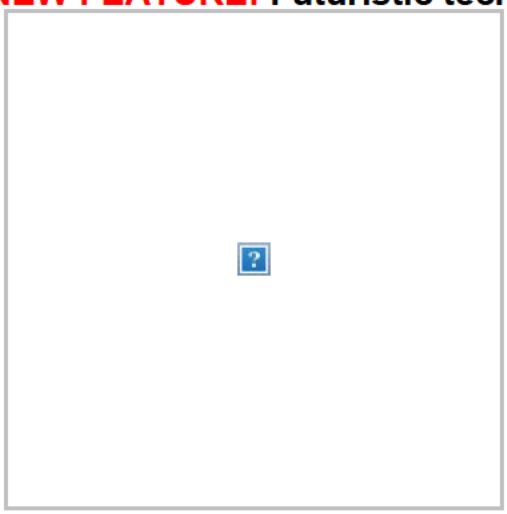
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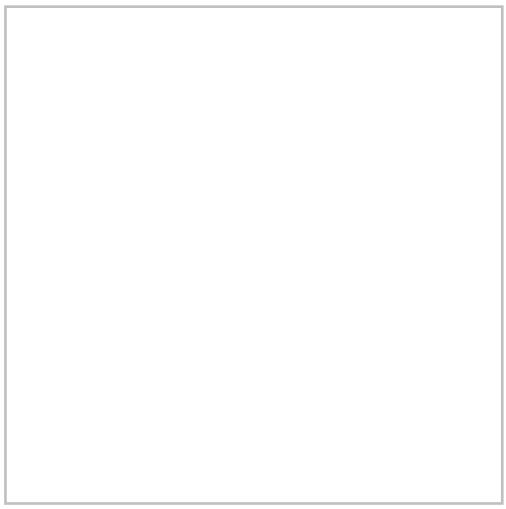


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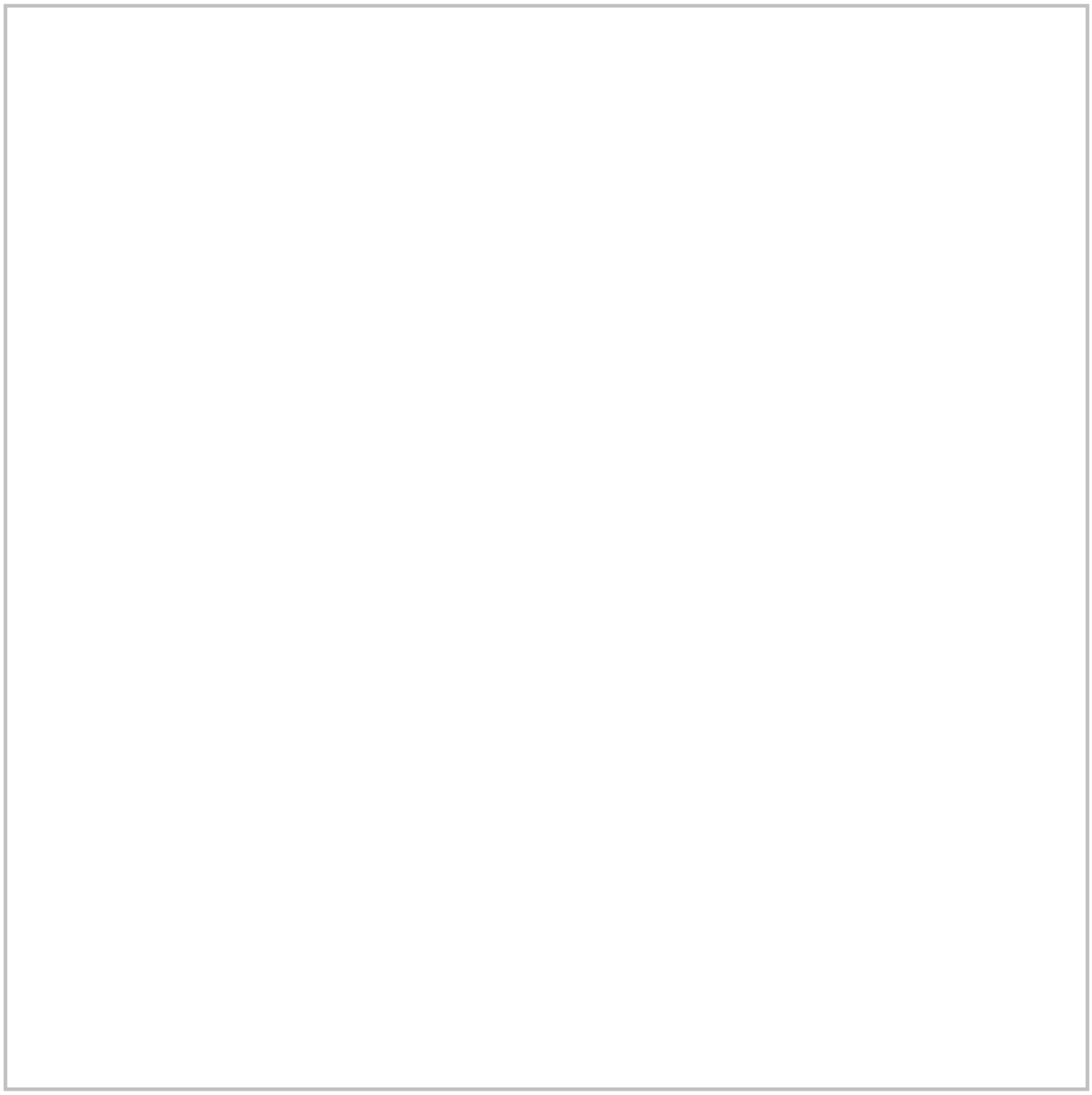
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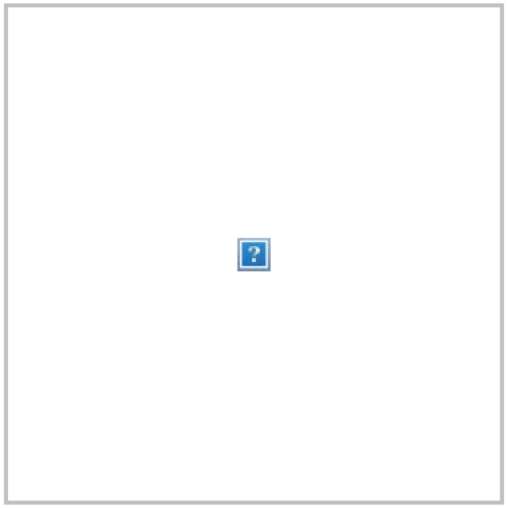
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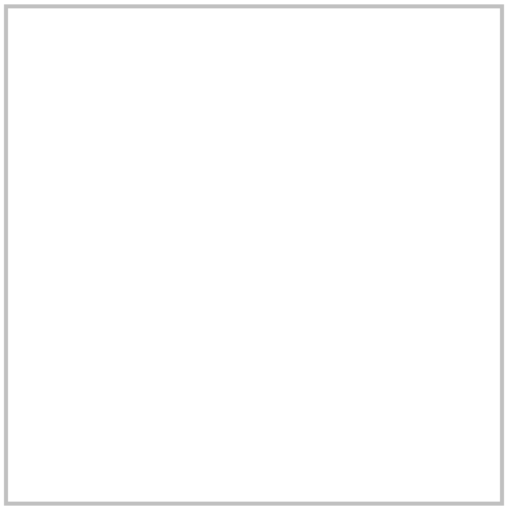


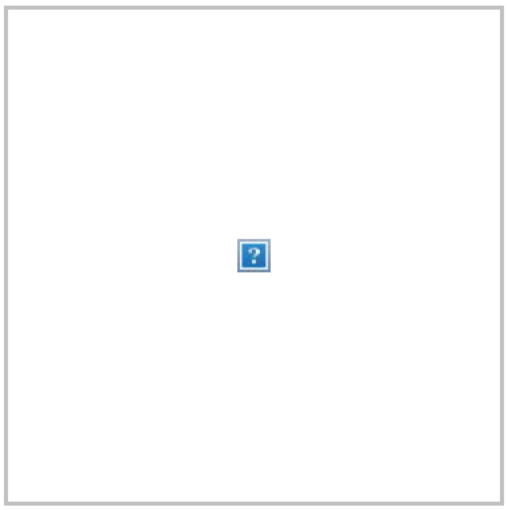
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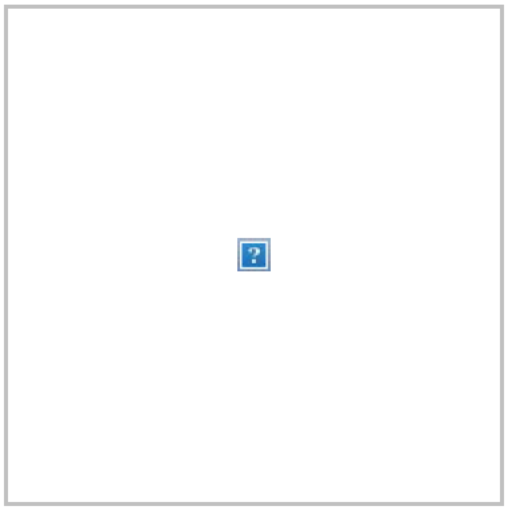




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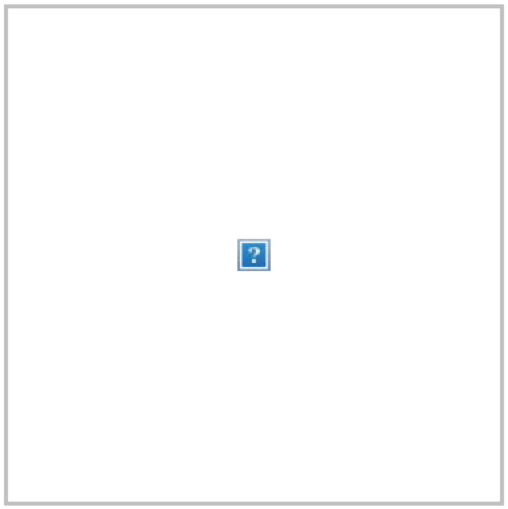
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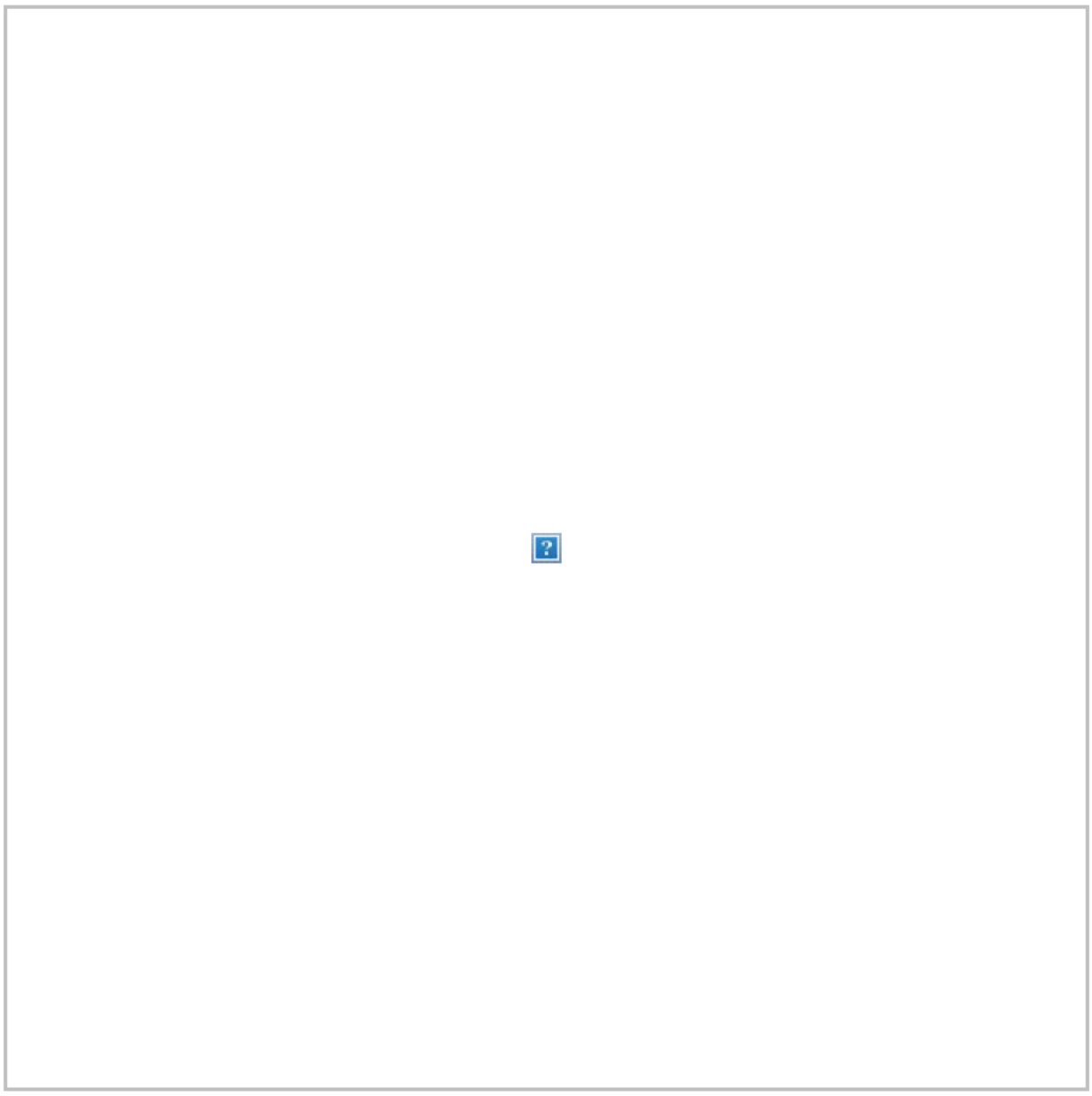
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— *The PoliceOne Team*

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By Chip DeBlock, LEO Round Table

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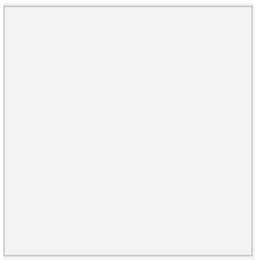
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From: Police Technology eXchange
To: Rizos, Byron (POL)
Subject: Your Agency Needs This Technology
Date: Thursday, September 12, 2019 3:01:31 PM

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ALPR/LPR
Gunshot Detection Systems
Intelligence-Led Policing
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From: Motorola Solutions
To: McCarthy, Steven (POL)
Subject: $84.5M Available For Law Enforcement & Tech Programs
Date: Thursday, August 1, 2019 9:29:56 AM

FY19 $84.5 Million in Funds Available
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For decades, the Byrne Justice Assistance Grant (JAG) program has funded key law enforcement initiatives allowing agencies to reduce crime and enhance citizen safety. The Bureau of Justice Assistance recently released its 2019 Byrne JAG solicitation. These funds can be used to invest in technologies that promote officer and community safety including mission-critical communications equipment, digital evidence solutions, public safety software, video security and analytics solutions, ALPR, and more.

FREE GRANT ASSISTANCE

Many Motorola Solutions products and solutions qualify for grant funding, but the grant application can be challenging to navigate. To help you, we've partnered with the grant experts at PoliceGrantsHelp. Their team can help answer your questions and offer insights on how to write an effective application.

Even if this grant is not a fit for your agency, the grant experts at PoliceGrantsHelp can help identify upcoming funding opportunities for which you may qualify.

DON'T DELAY: APPLICATIONS ARE DUE

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From: SLTT Partner Engagement
To: SLTT Partner Engagement
Cc: HSIN.Intel.PMO; OSLLE; DHS.IGA; SLTTGCC
Subject: (U//LES) HSIN-Intel Priority Products - March 2019
Date: Wednesday, April 10, 2019 7:23:54 AM
Attachments: HSIN Intel Slide_March 2019.pdf

Partners,

For your reference, please find attached a snapshot of products made available by our partners on HSIN-Intel during **March 2019**. This includes a sample of the most commonly accessed products, as well as other notable and/or priority threat topic products.

To request access to HSIN-Intel, please email your name, affiliated organization, email address, phone number, and a short justification to HSIN.Intel.PMO@hq.dhs.gov.

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Subject: [Brief] How to Improve Case Management
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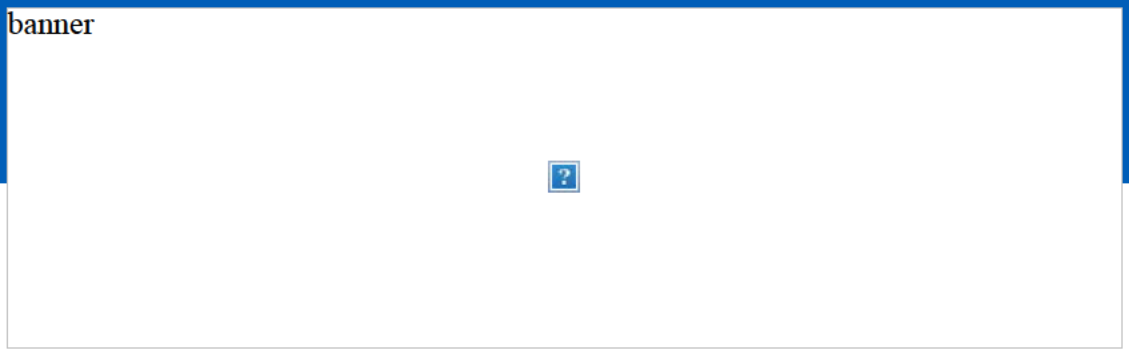
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From: Motorola Solutions
To: Hastings, Erin (POL)
Subject: [Brief] How to Improve Case Management
Date: Tuesday, June 11, 2019 2:50:24 PM

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From: Motorola Solutions
To: Barstow, Matthew (POL)
Subject: [Brief] How to Improve Case Management
Date: Tuesday, June 11, 2019 2:50:23 PM

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From: Motorola Solutions
To: Wilczynski, Kristin (POL)
Subject: [Brief] How to Improve Case Management
Date: Tuesday, June 11, 2019 2:50:22 PM

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From: Motorola Solutions
To: Mason, Christopher (POL)
Subject: [Brief] How to Improve Case Management
Date: Tuesday, June 11, 2019 2:50:21 PM

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From: Motorola Solutions
To: ruggieroj@apcointl.org
Subject: [Brief] How to Improve Case Management
Date: Tuesday, June 11, 2019 2:50:13 PM

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From: Motorola Solutions
To: Roy, Matthew (POL)
Subject: [Brief] How to Improve Case Management
Date: Wednesday, June 12, 2019 2:50:37 PM

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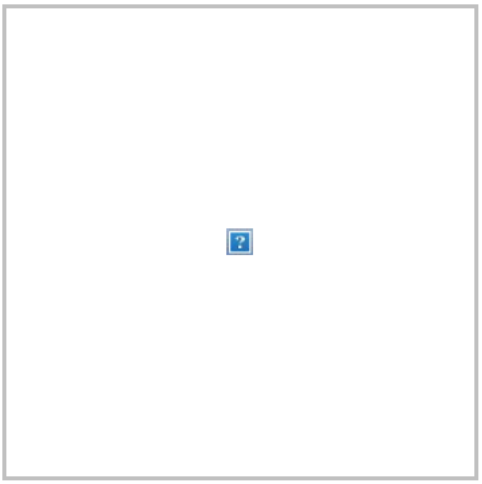
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From: PoliceOne Roll Call
To: McCarthy, Steven (POL)
Subject: 4 dead, 6 wounded in Calif. MCI; 3 killed outside Okla. Walmart
Date: Monday, November 18, 2019 3:05:59 PM

November 18, 2019 | View as webpage

TOP STORIES



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Police say the shooter is among the dead, are searching for witnesses

4 dead, 6 injured in shooting at Calif. home

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Subject: 19-SO-12 Sign Off Sheet
Date: Friday, October 18, 2019 1:41:43 PM
Attachments: 19-SO-12 Distribution of General Order.pdf
TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

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Good afternoon,

Please see the attached Special Order 19-SO-12, corresponding sign off sheets and the related policy. Per Major Rebeiro and Director Sullivan, these sign off sheets MUST be signed by all employees (sworn and civilian) and returned to me **no later than Monday, October 28th.**

Maynard employees – sign off sheets for all sections are posted on the bulletin board inside the main cafeteria on the first floor.
Satellite locations – supervisors – please print off a copy of the attached list for your respective sections and send it back to me with signatures by **October 28th.**

Supervisors, please follow up to ensure all employees in your respective sections have read the referenced policy and signed these sheets.

Thank you,
Brittany

Brittany Kadra
Program Coordinator
Office of the Chief Science Officer
Massachusetts State Police Crime Laboratory
124 Acton Street, Maynard, MA 01754
Phone: 978-451-3453 / Fax: 978-451-3320

Your feedback is important to us. We value your input to continuously improve and provide you with the best possible service. Please let us know how we are doing by taking our short survey at the following link: Massachusetts State Police Crime Laboratory Employee Satisfaction Survey 2019

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From: Kadra, Brittany (POL)
To: Morris, Samantha (POL)
Subject: 19-SO-12 Sign Off Sheet
Date: Wednesday, October 16, 2019 8:13:00 AM
Attachments: 19-SO-12 Distribution of General Order.pdf
TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

---

Good morning Samantha,

The two attached PDFs were all that were sent for the Special Order 19-SO-12 sign off. Could you please send along the sign off sheet so that I can have the Crime Lab employees sign and get this back to you in a timely manner?

Thank you,
Brittany

Brittany Kadra
Program Coordinator
Office of the Chief Science Officer
Massachusetts State Police Crime Laboratory
124 Acton Street, Maynard, MA 01754
Phone: 978-451-3453 / Fax: 978-451-3320

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-------- Original message --------
From: "Morris, Samantha (POL)" <Samantha.Morris@pol.state.ma.us>
Date: 10/9/19 12:40 PM (GMT-05:00)
To: "Ahern, Mike (AGO)" <mike.ahern@mass.gov>, "Aumais, Matthew (POL)" <matthew.aumais@pol.state.ma.us>, "Baker, Paul (POL)" <Paul.Baker@pol.state.ma.us>, "Banks, Carolyn (DDS)" <Carolyn.Banks@MassMail.State.MA.US>, "Banks, Michael R. (MGC)" <Michael.R.Banks@MassMail.State.MA.US>, "Baran, Christopher (POL)" <christopher.baran@pol.state.ma.us>, "Bates, Michael (BRI)" <Michael.B.Bates@MassMail.State.MA.US>, "Benson, Eric (POL)" <Eric.J.Benson@pol.state.ma.us>, "Boutwell, Jeffrey (SUF)" <Jeffrey.P.Boutwell@MassMail.State.MA.US>, "Buckley, Lisa (POL)" <Lisa.Buckley@pol.state.ma.us>, "Bulman, Paul (NOR)" <Paul.Bulman@MassMail.State.MA.US>, "Cahill, David (POL)" <david.cahill@pol.state.ma.us>, "Cahill, Jeffrey (POL)" <Jeffrey.Cahill@pol.state.ma.us>, "Conley, Martin (POL)" <martin.conley@pol.state.ma.us>, "Connors, Brian (MGC)" <Brian.Connors@MassMail.State.MA.US>, "Cooper, Brian (POL)" <brian.cooper@pol.state.ma.us>, "Cosgrove, Richard (CPI)" <RCosgrove@MassMail.State.MA.US>, "Costa, John (POL)" <john.costa@pol.state.ma.us>, "Culver, Ed (BER)" <Ed.Culver@MassMail.State.MA.US>, "Devlin, James P (POL)" <James.Devlin@pol.state.ma.us>, "Dolan, Christopher (BRI)" <cdolan@MassMail.State.MA.US>, "Donoghue, William (NOR)" <William.J.Donoghue@MassMail.State.MA.US>, "Downsbrough, Pi (POL)"

<Pi.Downsbrough@pol.state.ma.us>, "Dwyer, Kevin (POL)"
<Kevin.Dwyer@pol.state.ma.us>, "Egan, Keith (MID)"
<Keith.Egan@MassMail.State.MA.US>, "Farley, Michael (POL)"
<michael.farley@pol.state.ma.us>, "Flaherty, Stephen (GOV)"
<Stephen.Flaherty@MassMail.State.MA.US>, "Foglietta, Christopher (POL)"
<christopher.foglietta@pol.state.ma.us>, "Frenzo, Mark (POL)"
<mark.frenzo@pol.State.MA.US>, "Grant, Timothy (DAC)"
<Timothy.Grant@MassMail.State.MA.US>, "Grassia, Michael (POL)"
<michael.grassia@pol.state.ma.us>, "Grasso, Jimi (POL)" <jimi.grasso@pol.state.ma.us>,
"Halle, Kevin (POL)" <kevin.halle@pol.state.ma.us>, "Holland, Scott (SUF)"
<Scott.Holland@MassMail.State.MA.US>, "Hunte, Alan (MID)"
<Alan.Hunte@MassMail.State.MA.US>, "Jennings, Jessica (POL)"
<jessica.jennings@pol.state.ma.us>, "Jones, Stephen (BER)"
<Stephen.Jones@MassMail.state.ma.us>, "Joyce, Gina (POL)"
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<Peter.Konstantakos@pol.state.ma.us>, "Maher, Sean (POL)" <sean.maher@pol.state.ma.us>,
"Mattaliano, Gerard (NFK)" <Gerard.Mattaliano@MassMail.State.MA.US>, "Mawn, Jack
(CPI)" <Jack.Mawn@MassMail.State.MA.US>, "McCauley, DLt Mary (AGO)"
<DLt.Mary.McCauley@mass.gov>, "McDonald, Steven (EAS)"
<SMcDonald@MassMail.State.MA.US>, "Millett, Mario (POL)"
<mario.millett@pol.state.ma.us>, "Murphy, Robert (SUF)"
<Robert.Murphy@MassMail.State.MA.US>, "Plante, Robert (POL)"
<robert.plante@pol.state.ma.us>, "Regan, Daniel (POL)" <daniel.regan@pol.state.ma.us>,
"Robertson, Ann Marie (BRI)" <AnnMarie.Robertson@MassMail.State.MA.US>, "Scaplen,
Kevin (GOV)" <Kevin.Scaplen@MassMail.State.MA.US>, "Sennott, Mary (POL)"
<mary.sennott@pol.state.ma.us>, "Shea, Kevin (NFK)"
<Kevin.P.Shea@MassMail.State.MA.US>, "Short, Donald (POL)"
<Donald.Short@pol.state.ma.us>, "Telford, Erik (POL)" <erik.telford@pol.state.ma.us>,
"Tucker, Daniel T (POL)" <Daniel.T.Tucker@pol.state.ma.us>, "Wildgrube, Danial (MID)"
<Danial.Wildgrube2@MassMail.State.MA.US>, "Zani, Alan C (POL)"
<Alan.C.Zani@pol.state.ma.us>, "Zipper, Paul (DFS)" <paul.zipper@mass.gov>, "zzBakey,
Thomas (NWD)" <Thomas.F.Bakey@MassMail.State.MA.US>
Cc: "Dowd, Philip (POL)" <philip.dowd@pol.state.ma.us>, "Lannon, John (POL)"
<John.Lannon@pol.state.ma.us>, "Fennessy, Steven (POL)"
<Steven.Fennessy@pol.state.ma.us>, "Rebeiro, Deborah (POL)"
<deborah.rebeiro@pol.state.ma.us>, "Lyver, Michael (POL)"
<michael.lyver@pol.state.ma.us>, "Wilcox, Christopher (POL)"
<christopher.wilcox@pol.state.ma.us>, "Ritchie, Mary (POL)"
<mary.ritchie@pol.state.ma.us>
Subject: 19-SO-12 Sign Off Sheet

To All DIS Unit/Section Commanders:

Each Unit/Section Commander is to ensure that each employee (sworn and civilian) under his/her command reviews **Special Order 19-SO-12** and signs the signature sheet.

Please be advised that the Unit/Section *signature sheet can be printed from the*

attached PDF.

All completed signature sheets **must** be returned **no later than November 1, 2019**, to Samantha Morris.

If you should have any questions, please don't hesitate to contact me.

Respectfully,
Samantha

Samantha Morris
Division of Investigative Services
Massachusetts State Police
470 Worcester Road
Framingham, MA 01702
508-820-2642

From: Strategic Planning (POL) <strategic.planning@massgov.onmicrosoft.com>
Sent: Tuesday, October 1, 2019 5:20 PM
To: POL-DL-All Users <POL-DL-AllUsers@MassMail.State.MA.US>
Subject: Promulgation of 19-SO-12

Please be advised that the following Special Order has been promulgated:

- **19-SO-12 Distribution of General Order**
  TRF-11 Automatic License Plate Recognition

Please also be advised that the official General Order listed in the above Special Order has been promulgated.

Strategic Planning Section
470 Worcester Road
Framingham, Massachusetts 01702

From: Kadra, Brittany (POL)
To: Morris, Samantha (POL)
Subject: 19-SO-12 Sign Off Sheet
Date: Thursday, October 10, 2019 12:52:00 PM
Attachments: 19-SO-12 Distribution of General Order.pdf
TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

---

Hi Samantha,

This was forwarded along a couple of times and finally got to me, so I'm not sure if things got lost, but I believe I am missing the actual sign off sheet. Would you mind sending that along to me?

Thanks!
Brittany

Brittany Kadra
Program Coordinator
Office of the Chief Science Officer
Massachusetts State Police Crime Laboratory
124 Acton Street, Maynard, MA 01754
Phone: 978-451-3453 / Fax: 978-451-3320

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From: West, Katherine (POL)
Sent: Thursday, October 10, 2019 12:41 PM
To: Kadra, Brittany (POL)
Subject: FW: 19-SO-12 Sign Off Sheet

Hi Brittany,

I believe that you are handling this now, correct?

Thanks,

-- katherine

Katherine West
Administrative Officer
Massachusetts State Police Crime Laboratory
124 Acton Street
Maynard MA 01754
t: 978-451-3310 / f: 978-451-3320 / c: 978-460-8516
katherine.west@massmail.state.ma.us

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From: Rebeiro, Deborah (POL)
Sent: Thursday, October 10, 2019 12:05 PM
To: West, Katherine (POL)
Subject: Fwd: 19-SO-12 Sign Off Sheet

Sent from my Verizon, Samsung Galaxy smartphone

-------- Original message --------
From: "Morris, Samantha (POL)" <Samantha.Morris@pol.state.ma.us>
Date: 10/9/19 12:40 PM (GMT-05:00)
To: "Ahern, Mike (AGO)" <mike.ahern@mass.gov>, "Aumais, Matthew (POL)" <matthew.aumais@pol.state.ma.us>, "Baker, Paul (POL)" <Paul.Baker@pol.state.ma.us>, "Banks, Carolyn (DDS)" <Carolyn.Banks@MassMail.State.MA.US>, "Banks, Michael R. (MGC)" <Michael.R.Banks@MassMail.State.MA.US>, "Baran, Christopher (POL)" <christopher.baran@pol.state.ma.us>, "Bates, Michael (BRI)" <Michael.B.Bates@MassMail.State.MA.US>, "Benson, Eric (POL)" <Eric.J.Benson@pol.state.ma.us>, "Boutwell, Jeffrey (SUF)" <Jeffrey.P.Boutwell@MassMail.State.MA.US>, "Buckley, Lisa (POL)" <Lisa.Buckley@pol.state.ma.us>, "Bulman, Paul (NOR)" <Paul.Bulman@MassMail.State.MA.US>, "Cahill, David (POL)" <david.cahill@pol.state.ma.us>, "Cahill, Jeffrey (POL)" <Jeffrey.Cahill@pol.state.ma.us>, "Conley, Martin (POL)" <martin.conley@pol.state.ma.us>, "Connors, Brian (MGC)" <Brian.Connors@MassMail.State.MA.US>, "Cooper, Brian (POL)" <brian.cooper@pol.state.ma.us>, "Cosgrove, Richard (CPI)" <RCosgrove@MassMail.State.MA.US>, "Costa, John (POL)" <john.costa@pol.state.ma.us>, "Culver, Ed (BER)" <Ed.Culver@MassMail.State.MA.US>, "Devlin, James P (POL)" <James.Devlin@pol.state.ma.us>, "Dolan, Christopher (BRI)" <cdolan@MassMail.State.MA.US>, "Donoghue, William (NOR)" <William.J.Donoghue@MassMail.State.MA.US>, "Downsbrough, Pi (POL)" <Pi.Downsbrough@pol.state.ma.us>, "Dwyer, Kevin (POL)" <Kevin.Dwyer@pol.state.ma.us>, "Egan, Keith (MID)" <Keith.Egan@MassMail.State.MA.US>, "Farley, Michael (POL)" <michael.farley@pol.state.ma.us>, "Flaherty, Stephen (GOV)" <Stephen.Flaherty@MassMail.State.MA.US>, "Foglietta, Christopher (POL)" <christopher.foglietta@pol.state.ma.us>, "Frenzo, Mark (POL)" <mark.frenzo@pol.State.MA.US>, "Grant, Timothy (DAC)" <Timothy.Grant@MassMail.State.MA.US>, "Grassia, Michael (POL)" <michael.grassia@pol.state.ma.us>, "Grasso, Jimi (POL)" <jimi.grasso@pol.state.ma.us>, "Halle, Kevin (POL)" <kevin.halle@pol.state.ma.us>, "Holland, Scott (SUF)" <Scott.Holland@MassMail.State.MA.US>, "Hunte, Alan (MID)"

<Alan.Hunte@MassMail.State.MA.US>, "Jennings, Jessica (POL)"
<jessica.jennings@pol.state.ma.us>, "Jones, Stephen (BER)"
<Stephen.Jones@MassMail.state.ma.us>, "Joyce, Gina (POL)"
<Gina.Joyce@pol.state.ma.us>, "Konstantakos, Peter (POL)"
<Peter.Konstantakos@pol.state.ma.us>, "Maher, Sean (POL)" <sean.maher@pol.state.ma.us>, "Mattaliano, Gerard (NFK)" <Gerard.Mattaliano@MassMail.State.MA.US>, "Mawn, Jack (CPI)" <Jack.Mawn@MassMail.State.MA.US>, "McCauley, DLt Mary (AGO)"
<DLt.Mary.McCauley@mass.gov>, "McDonald, Steven (EAS)"
<SMcDonald@MassMail.State.MA.US>, "Millett, Mario (POL)"
<mario.millett@pol.state.ma.us>, "Murphy, Robert (SUF)"
<Robert.Murphy@MassMail.State.MA.US>, "Plante, Robert (POL)"
<robert.plante@pol.state.ma.us>, "Regan, Daniel (POL)" <daniel.regan@pol.state.ma.us>, "Robertson, Ann Marie (BRI)" <AnnMarie.Robertson@MassMail.State.MA.US>, "Scaplen, Kevin (GOV)" <Kevin.Scaplen@MassMail.State.MA.US>, "Sennott, Mary (POL)"
<mary.sennott@pol.state.ma.us>, "Shea, Kevin (NFK)"
<Kevin.P.Shea@MassMail.State.MA.US>, "Short, Donald (POL)"
<Donald.Short@pol.state.ma.us>, "Telford, Erik (POL)" <erik.telford@pol.state.ma.us>, "Tucker, Daniel T (POL)" <Daniel.T.Tucker@pol.state.ma.us>, "Wildgrube, Danial (MID)"
<Danial.Wildgrube2@MassMail.State.MA.US>, "Zani, Alan C (POL)"
<Alan.C.Zani@pol.state.ma.us>, "Zipper, Paul (DFS)" <paul.zipper@mass.gov>, "zzBakey, Thomas (NWD)" <Thomas.F.Bakey@MassMail.State.MA.US>
Cc: "Dowd, Philip (POL)" <philip.dowd@pol.state.ma.us>, "Lannon, John (POL)"
<John.Lannon@pol.state.ma.us>, "Fennessy, Steven (POL)"
<Steven.Fennessy@pol.state.ma.us>, "Rebeiro, Deborah (POL)"
<deborah.rebeiro@pol.state.ma.us>, "Lyver, Michael (POL)"
<michael.lyver@pol.state.ma.us>, "Wilcox, Christopher (POL)"
<christopher.wilcox@pol.state.ma.us>, "Ritchie, Mary (POL)"
<mary.ritchie@pol.state.ma.us>
Subject: 19-SO-12 Sign Off Sheet

To All DIS Unit/Section Commanders:

Each Unit/Section Commander is to ensure that each employee (sworn and civilian) under his/her command reviews **Special Order 19-SO-12** and signs the signature sheet.

Please be advised that the Unit/Section *signature sheet can be printed from the attached PDF*.

All completed signature sheets **must** be returned **no later than November 1, 2019**, to Samantha Morris.

If you should have any questions, please don't hesitate to contact me.

Respectfully,
Samantha

Samantha Morris
Division of Investigative Services
Massachusetts State Police
470 Worcester Road
Framingham, MA 01702
508-820-2642

From: Strategic Planning (POL) <strategic.planning@massgov.onmicrosoft.com>
Sent: Tuesday, October 1, 2019 5:20 PM
To: POL-DL-All Users <POL-DL-AllUsers@MassMail.State.MA.US>
Subject: Promulgation of 19-SO-12

Please be advised that the following Special Order has been promulgated:

- **19-SO-12 Distribution of General Order**
  TRF-11 Automatic License Plate Recognition

Please also be advised that the official General Order listed in the above Special Order has been promulgated.

Strategic Planning Section
470 Worcester Road
Framingham, Massachusetts 01702

From:	Morris, Samantha (POL)
To:	Ahern, Mike (AGO); Aumais, Matthew (POL); Baker, Paul (POL); Banks, Carolyn (DDS); Banks, Michael R. (MGC); Baran, Christopher (POL); Bates, Michael (BRI); Benson, Eric (POL); Boutwell, Jeffrey (SUF); Buckley, Lisa (POL); Bulman, Paul (NOR); Cahill, David (POL); Cahill, Jeffrey (POL); Conley, Martin (POL); Connors, Brian (MGC); Cooper, Brian (POL); Cosgrove, Richard (CPI); Costa, John (POL); Culver, Ed (BER); Devlin, James P (POL); Dolan, Christopher (BRI); Donoghue, William (NOR); Downsbrough, Pi (POL); Dwyer, Kevin (POL); Egan, Keith (MID); Farley, Michael (POL); Flaherty, Stephen (GOV); Foglietta, Christopher (POL); Frenzo, Mark (POL); Grant, Timothy (DAC); Grassia, Michael (POL); Grasso, Jimi (POL); Halle, Kevin (POL); Holland, Scott (SUF); Hunte, Alan (MID); Jennings, Jessica (POL); Jones, Stephen (BER); Joyce, Gina (POL); Konstantakos, Peter (POL); Maher, Sean (POL); Mattaliano, Gerard (NFK); Mawn, Jack (CPI); McCauley, DLt Mary (AGO); McDonald, Steven (EAS); Millett, Mario (POL); Murphy, Robert (SUF); Plante, Robert (POL); Regan, Daniel (POL); Robertson, Ann Marie (BRI); Scaplen, Kevin (GOV); Sennott, Mary (POL); Shea, Kevin (NFK); Short, Donald (POL); Telford, Erik (POL); Tucker, Daniel T (POL); Wildgrube, Danial (MID); Zani, Alan C (POL); Zipper, Paul (DFS); zzBakey, Thomas (NWD)
Cc:	Dowd, Philip (POL); Lannon, John (POL); Fennessy, Steven (POL); Rebeiro, Deborah (POL); Lyver, Michael (POL); Wilcox, Christopher (POL); Ritchie, Mary (POL)
Subject:	19-SO-12 Sign Off Sheet
Date:	Wednesday, October 9, 2019 12:40:18 PM
Attachments:	19-SO-12 Distribution of General Order.pdf TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

---

To All DIS Unit/Section Commanders:

Each Unit/Section Commander is to ensure that each employee (sworn and civilian) under his/her command reviews **Special Order 19-SO-12** and signs the signature sheet.

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Respectfully,
Samantha

Samantha Morris
Division of Investigative Services
Massachusetts State Police
470 Worcester Road
Framingham, MA 01702
508-820-2642

From: Strategic Planning (POL) <strategic.planning@massgov.onmicrosoft.com>
Sent: Tuesday, October 1, 2019 5:20 PM

To: POL-DL-All Users <POL-DL-AllUsers@MassMail.State.MA.US>
Subject: Promulgation of 19-SO-12

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- **19-SO-12 Distribution of General Order**
  TRF-11 Automatic License Plate Recognition

Please also be advised that the official General Order listed in the above Special Order has been promulgated.

Strategic Planning Section
470 Worcester Road
Framingham, Massachusetts 01702

Subject: 19-SO-12 Sign Off Sheet
Date: Wednesday, October 9, 2019 12:38:17 PM
Attachments: 19-SO-12 Distribution of General Order.pdf
TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

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If you should have any questions, please don't hesitate to contact me.

Respectfully,
Samantha

Samantha Morris
Division of Investigative Services
Massachusetts State Police
470 Worcester Road
Framingham, MA 01702
508-820-2642

From: Strategic Planning (POL) <strategic.planning@massgov.onmicrosoft.com>
Sent: Tuesday, October 1, 2019 5:20 PM
To: POL-DL-All Users <POL-DL-AllUsers@MassMail.State.MA.US>
Subject: Promulgation of 19-SO-12

Please be advised that the following Special Order has been promulgated:

- **19-SO-12 Distribution of General Order**
  TRF-11 Automatic License Plate Recognition

Please also be advised that the official General Order listed in the above Special Order has been

promulgated.

Strategic Planning Section
470 Worcester Road
Framingham, Massachusetts 01702

From: Wildgrube, Danial (MID)
To: MID-DL-ALL SP WORCESTER
Subject: 19-SO-12 Sign Off Sheet
Date: Friday, October 25, 2019 1:58:32 PM
Attachments: TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

Please see attached and sign off at the front desk.

To All DIS Unit/Section Commanders:

Each Unit/Section Commander is to ensure that each employee (sworn and civilian) under his/her command reviews **Special Order 19-SO-12** and signs the signature sheet.

Please be advised that the Unit/Section *signature sheet can be printed from the attached PDF*.

All completed signature sheets **must** be returned **no later than November 1, 2019**, to Samantha Morris.

If you should have any questions, please don't hesitate to contact me.

Respectfully,
Samantha

Samantha Morris
Division of Investigative Services
Massachusetts State Police
470 Worcester Road
Framingham, MA 01702
508-820-2642

From: Strategic Planning (POL) <strategic.planning@massgov.onmicrosoft.com>
Sent: Tuesday, October 1, 2019 5:20 PM
To: POL-DL-All Users <POL-DL-AllUsers@MassMail.State.MA.US>
Subject: Promulgation of 19-SO-12

Please be advised that the following Special Order has been promulgated:

- **19-SO-12 Distribution of General Order**
  TRF-11 Automatic License Plate Recognition

Please also be advised that the official General Order listed in the above Special Order has been promulgated.

Strategic Planning Section
470 Worcester Road
Framingham, Massachusetts 01702

From: Range, Scott (POL)
To: Gawron, Stephen (POL); Brooks, Brian (POL); Huber, Richard (POL); Ferrazzani, Kurt (POL)
Cc: Quinn, Dermot (POL); Egnitz, Brian (POL)
Subject: 700CMR7 re MA Turnpike Hot List Requests
Date: Friday, August 2, 2019 12:25:31 PM
Attachments: 700cmr7.pdf

Please see attached re 700CMR7 and MA Turnpike Hot Lists.

7.05 (8) and 7.02 (the definitions section) are directly related to these types of requests under exigent circumstances.

Respectfully,
RSR

From: Bender, Sean (POL)
To: Thibault, Amy (POL); Smith, Eleanor (POL)
Cc: Chandler, Brittany (POL); Salvatore, Justin (POL)
Subject: 2019 NoFIRES Conference - Outside Training Review Form + Conference Notes
Date: Wednesday, November 6, 2019 6:00:14 PM
Attachments: image001.png
Bender, Sean - Outside Training Review Form - NoFIRES Conference 2019 - Completed.pdf
2019 NoFIRES Conference - 6 November 2019 - Bender, Sean.pdf

Good Evening,

Please find the attached, RE: 2019 NoFIRES Conference - 5 November 2019 - 6 November 2019

1. Outside Training Review Form - Completed
2. Bender, Sean - Conference Notes

A copy of the attached notes from the conference have been saved to M:\Commonwealth Fusion Center Training\Analyst Training Notes

Please advise if there is anything else required pursuant to training attended at or sponsored by an outside agency.

Respectfully,

Sean Bender
Intelligence Analyst
Massachusetts State Police | Commonwealth Fusion Center
470 Worcester Road | Framingham | MA 01702
508-820-2233

From: Chandler, Brittany (POL) <Brittany.Chandler@pol.state.ma.us>
Sent: Friday, October 18, 2019 12:25 PM
To: POL-DL-SPEAR <POL-DL-SPEAR@MassMail.State.MA.US>
Subject: FW: Notes from Trainings/Meetings

Good Afternoon,

Please see the below emails from Amy & Elly regarding new requirements associated with attending trainings. Bottom line:

1. Place notes from any trainings/meetings you attend within 7 days of the event in M:\Commonwealth Fusion Center Training\Analyst Training Notes, named in the following manner: title of the training, date of training (if multiple, put last day), and your name;

2. Complete and send to Amy a required form located on Docushare in the travel folder called "Outside Training Review" within 10 calendar days

Respectfully,

Brittany Chandler
Intelligence Analyst II
Massachusetts State Police | Commonwealth Fusion Center
470 Worcester Road, Framingham, MA 01702
Phone: (508) 820-2233
brittany.chandler@pol.state.ma.us

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From: Thibault, Amy (POL) <amy.thibault@pol.state.ma.us>
Sent: Friday, October 18, 2019 12:03 PM
To: Chandler, Brittany (POL) <Brittany.Chandler@pol.state.ma.us>; Salvatore, Justin (POL) <Justin.Salvatore@pol.state.ma.us>
Cc: Smith, Eleanor (POL) <Eleanor.Smith@pol.state.ma.us>
Subject: FW: Notes from Trainings/Meetings

Brittany and Justin,

Please see below. Major Range has asked that we all provide notes from any trainings/meetings that we attend within 7 days of the event. The notes should be emailed to me and then saved in the folder Elly created (see below). Also, there is a new required form on docushare in the travel folder called outside training review form which is also required to be filled out within 10 calendar days and should be sent to me. It would be great if they could both be sent to me as one email and include the training certificate if one is provided.

Thank you,
Amy

From: Smith, Eleanor (POL) <Eleanor.Smith@pol.state.ma.us>
Sent: Friday, October 18, 2019 11:40 AM
To: Coleman, Daniel (POL) <Daniel.Coleman@pol.state.ma.us>; Wilczynski, Kristin (POL) <kristin.wilczynski@pol.state.ma.us>; Foley, Kristine (POL) <kristine.foley@pol.state.ma.us>; Huchowski, kerra (POL) <kerra.huchowski@pol.state.ma.us>; O'Leary, Sarah (POL) <Sarah.OLeary@pol.state.ma.us>; Nystrom, Lindsey (POL) <lindsey.nystrom@pol.state.ma.us>; Pirrotta, Melissa S. (POL) <melissa.pirrotta@pol.state.ma.us>
Cc: Thibault, Amy (POL) <amy.thibault@pol.state.ma.us>
Subject: Notes from Trainings/Meetings

Hi everyone,

I've created a folder for us to save our notes from trainings: M:\Commonwealth Fusion Center Training\Analyst Training Notes. As a reminder, we have to save our notes from any trainings / meetings within 7 days of the event. As far as naming conventions for the notes, I'd suggest the title of the training, date of training (if multiple, put last day), and your name (I have one saved in there now for reference). I'm open to other suggestions if someone feels strongly about it. If your handwriting is legible, feel free to scan in your notes and save them there. If you're like me and never took the time to master penmanship, you'll probably have to type them up in a word doc and save them.

Let me know if you have any questions.

Thanks!

Respectfully,

Elly Smith
Assistant Intelligence Services Manager
Massachusetts State Police
Division of Homeland Security and Preparedness
Commonwealth Fusion Center
124 Acton Street, Maynard, MA 01754
Phone: (978) 451-3726

From: Association Of Law Enforcement Intelligence Units (LEIU)
To: Thibault, Amy (POL)
Subject: A Publication of the LEIU Executive Board - The Source
Date: Wednesday, October 30, 2019 8:39:03 AM

Image

The LEIU Source is a weekly news publication brought to you by the LEIU Executive Board.

Each Wednesday, we share with you a few of the articles or intelligence-based publications that have come across our desk. We are exicted to see, each week, Law Enforcement Officers, Analysts and Administrators from around the world reading this.

If you have a publication or an article that you feel needs to be shared, please send these to IntelligenceAnalysis@mac.com for review.

If you feel others at your department would benefit from receiving this publication, please forward this email. At the

bottom of this publication is a link where they can add their email to the distribution list.

Wednesday 10/30/19

Click Here To Add Your Email To This Weekly Publication

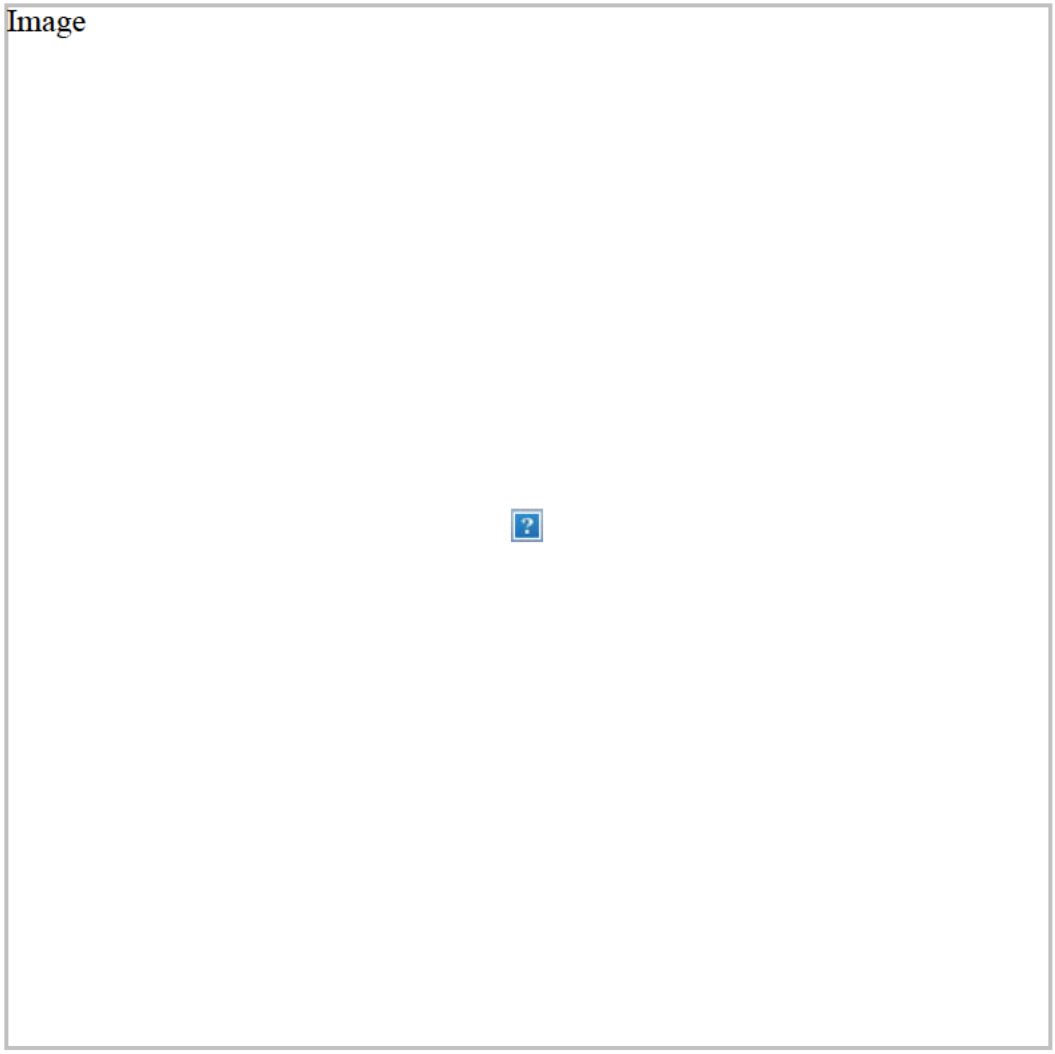
Image



[Click Here For LEIU 20/20 Flyer]

BAE wins open source intelligence

contract from the Army



The Army has awarded BAE Systems a $437 million task order for open source intelligence support, the company announced Oct. 15 during the 2019 Association of the United States Army conference.

As part of the task order, BAE Systems will provide the Army and Army Intelligence & Security Command (INSCOM) approved partners with open source solutions to publicly available data.

“We’re proud to continue to partner with the U.S. Army and support their critical national security missions with this new capability,” Peder Jungck, vice president and general manager of BAE Systems’ intelligence solutions business.

The company won the initial award of the five-year task order

and began ramping up in August, Jungck said. The task order is an extension of projects the company has been doing for the Army, but this is the first time the work been consolidated and awarded as a larger contract, he explained.

“If you look at contracts in general around OSINT there’s been kind of small ones, there’s been lots of pilots out of agencies and even within the Army and throughout INSCOM there were different kind of brigades and battalions that had their own set of tools," he said. "This is one of the first of the really large OSINT and AI consolidation contracts. I don’t think anybody’s really had a large one like this.”

Calif. police stand by cop after video released in 2017 OIS of murder suspect

Image



FRESNO, Calif. — Community activists are expressing outrage

after seeing video footage that shows a Fresno police sergeant fatally shooting an unarmed 16-year-old boy as he fled during a foot pursuit.

Meanwhile, the local police union and supporters of law enforcement have stepped up in support of the sergeant, saying he acted within guidelines while pursuing a murder suspect.

The footage shows Sgt. Ray Villalvazo firing a single shot into the back of Isiah Murrietta-Golding's head, according to a lawsuit filed on behalf of the teen's family.

The video was captured on a surveillance camera at a daycare facility on April 14, 2017, and was released by attorney Stuart Chandler, who's representing the family of Murrietta-Golding. The boy's family alleges the sergeant used excessive and unlawful deadly force, and committed assault and battery with negligence.

Additionally, in footage released from a police officer's body camera, one officer is heard shouting "good shot" as officers handcuff and search the already prone Murrietta-Golding.

Asia has an organized-crime problem. Canada is well placed to help

Image

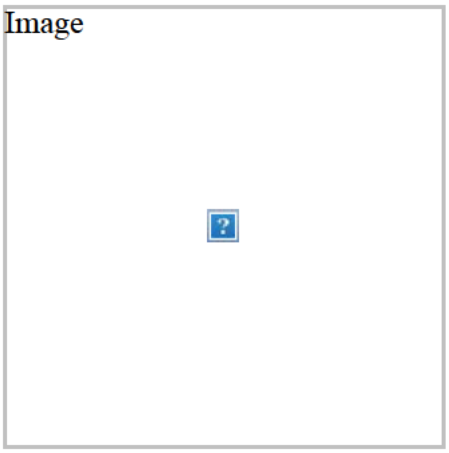
Jeremy Douglas is the regional representative for the United Nations Office on Drugs and Crime (UNODC) for Southeast Asia and the Pacific and a former UNODC representative for Pakistan. The opinions expressed in this commentary are his.

More than a few eyebrows went up last week when Tse Chi Lop – a 55-year-old Canadian man – was accused of being arguably the biggest drug trafficker in the history of Asia.

Mr. Tse is suspected – by police in Myanmar, Australia and Taiwan, and by the United Nations Office on Drugs and Crime (UNODC) – of being the leader of Sam Gor, or Brother Number Three, a supersyndicate largely responsible for the dramatic shift in recent years in organized crime away from drugs such as heroin and toward synthetics, such as methamphetamine, ketamine and fentanyl. It's a shift that has been driven by control and profit, since synthetics offer many advantages to criminal organizations: Labs can be quickly set up or moved;

they are not subject to external conditions such as climate, nor do they require large work forces; and production can be rapidly scaled up to drive the market. Put these things together and it means the disruption of the traditional drug business and the heavily concentrated profits that come with it.

Florida Senator Rick Scott Announces Legislation To Address 'FBI Failures' Regarding Parkland Shooting



MIAMI (CBSMiami) – Florida Senator Rick Scott announced legislation Thursday to hold the Federal Bureau of Investigations accountable for its 'failures to address critical deficiencies in its handling of actionable intelligence' in regards to the mass shooting at Marjory Stoneman Douglas High School in 2018.

The 'Threat Information Protocol for Sharing (TIPS) Act' is supported by Stand with Parkland, an organization founded by the family members of the victims of the Parkland shooting.

"Not a day goes by that I don't think about the 17 souls that were taken from us in a brutal act of violence at Marjory Stoneman Douglas High School. Following the tragedy, we all worked together to pass the Marjory Stoneman Douglas High School Public Safety Act to make our schools safer and prevent future tragedies, but we aren't finished. We cannot accept the repeated failures of the FBI to properly investigate and act on specific tips received about the Parkland shooter, as well as other perpetrators of mass violence in Florida. I'm

proud to stand with the family members of the victims to announce the TIPS Act, which bridges the gap between federal and state law enforcement agencies by mandating information sharing of all state-specific criminal intelligence tips. This is about getting information on threats into the hands of the right people, who can ultimately prevent violence and protect our families," Scott said.

Majority of Mexicans Say Organized Crime Stronger than Government after El Chapo's Son Released

Image



A majority of Mexicans see organized crime as more powerful than the Mexican government after government forces capitulated to drug-cartel strongmen and released the son of

the former cartel leader Joaquín Guzmán, known as “El Chapo.”

About 56 percent of Mexicans say they believe organized crime is stronger, while only 33 percent say the government is stronger, according to a poll by the Mexican newspaper Reforma.

Mexican authorities were forced on Thursday to release Ovidio Guzmán López, El Chapo’s son, shortly after capturing him, when the Sinaloa cartel laid siege to the city of Culiacán and surrounded Mexican troops, taking eight soldiers hostage. Officials said at least 14 people died during the clashes between cartel members and Mexican soldiers.

49 percent of respondents in the Reforma poll disagreed with the decision to release López, while 45 percent said they supported it. Residents of Culiacán expressed relief that the government had surrendered, saying the decision prevented further violence.

Mexican lawmen get FBI training to combat organized crime, terrorism

Image

JUAREZ, Mexico — Three Chihuahua state lawmen recently completed intelligence and intervention training courses sponsored by the FBI, according to the State Security Commission.

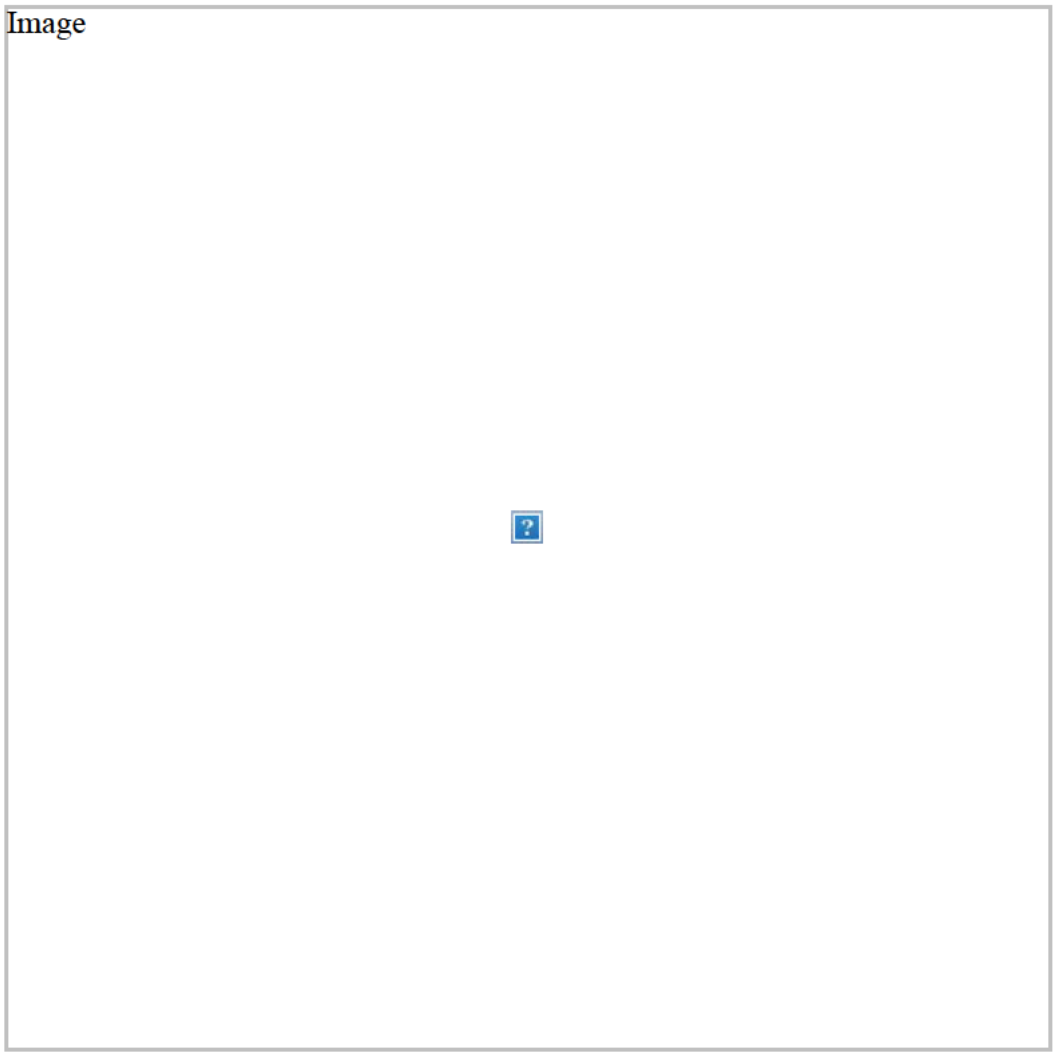
Alvaro Serrano Escobedo, the commission's operations director, received training on anti-terrorism, intelligence gathering, leadership and the combat of organized crime at FBI headquarters in Quantico, Virginia. The training is part of the FBI's Mexican Law Enforcement Executive Development (MEXLEED) program, the commission said in a news release.

Ginés Jaime Ruiz García, first officer of the Chihuahua State Police, and Jesús Alejandro Cruz Rangel, who heads rural operations for the agency, attended the FBI's Mexican American Liaison and Law Enforcement Training (MALLET) program in South Padre Island, Texas, the commission said.

The three lawmen were among 30 duly vetted Mexican officials chosen by the FBI for training this year, the commission said.

63 accused drug dealers plead guilty in heroin, fentanyl and cocaine trafficking rings

Image



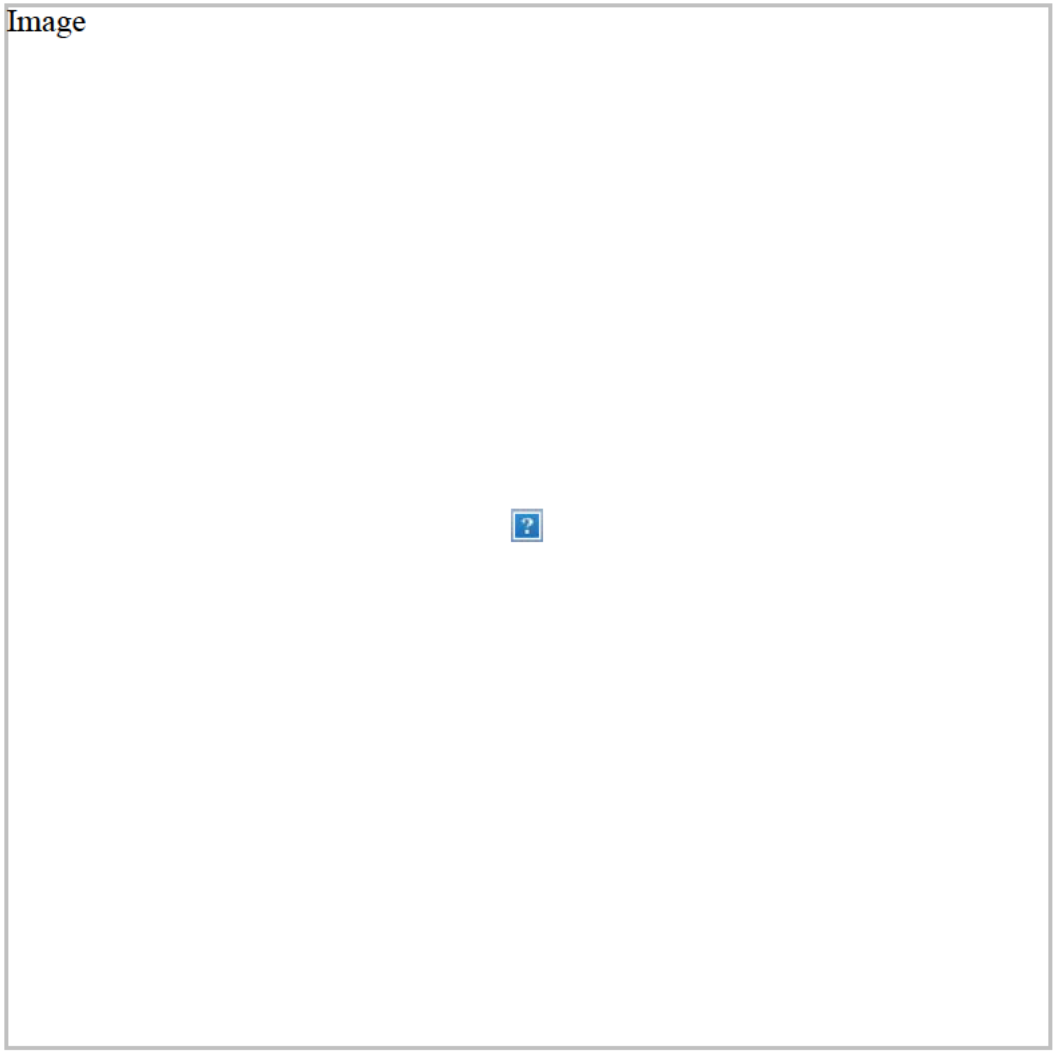
SYRACUSE — New York State Attorney General Letitia James has announced the guilty pleas of 63 people for their roles in two major narcotics trafficking operations that transported heroin, fentanyl, and cocaine to Onondaga, St. Lawrence, Oswego, Oneida, and Jefferson counties.

The investigation resulted in the recovery of approximately 4,700 bags of heroin and fentanyl, worth approximately $140,000, and approximately 2 kilograms of cocaine, worth more than $200,000, according to a news release from the Attorney General's office.

“These individuals flooded our communities with dangerous drugs that are putting New Yorkers at great risk,” said Attorney General Letitia James in the news release.

House bill would give border agents tool to detect synthetic opioids

Image



A bill that would give U.S. Customs and Border Protection (CBP) agents the equipment to detect synthetic opioids has been introduced in the U.S. House.

The DHS Opioid Detection Resilience Act of 2019 requires the Commissioner of CBP to procure chemical screening devices that allow border patrol agents to identify narcotics, including synthetic opioids, with purity levels of less than 10 percent. A

2018 study by the Drug Enforcement Administration (DEA) found that most fentanyl seized at the southwest border tends to be less than 10 percent pure. These changes would fill the gap that currently exists in identifying these synthetic opioids.

“Stopping the flow of illegal drugs across our southern border and at ports of entry is a top priority for our CBP law enforcement officers. This includes fentanyl and other synthetic opioids that can be difficult to detect. Our legislation ensures that DHS has the necessary equipment to detect synthetic opioids and the ability to adapt as smuggling methods evolve. We want to prevent this poison from ever reaching American communities, and our bill helps law enforcement carry out that mission,” Rep. Clay Higgins (R-LA), the bill’s sponsor, said.

Teens brawl with police in Brooklyn subway station

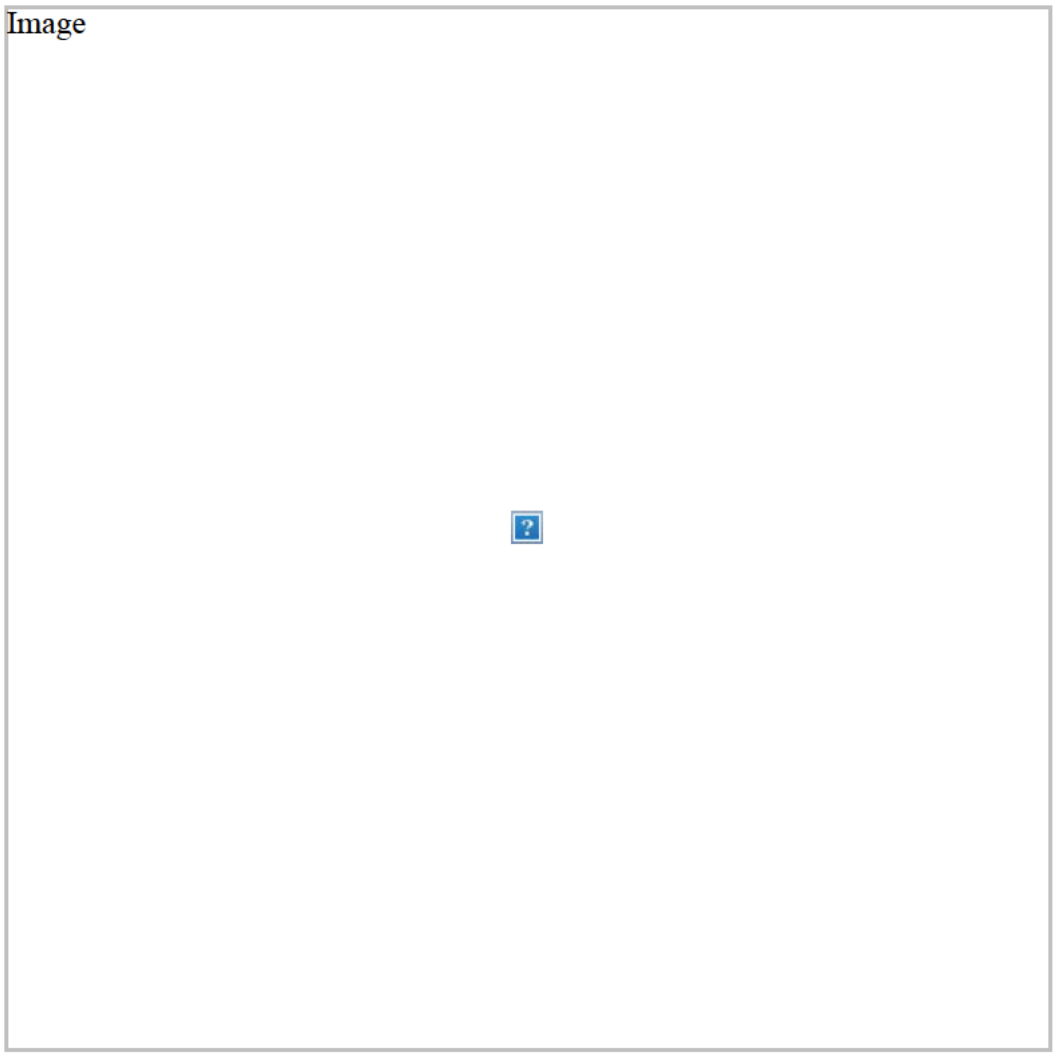
Image

BROOKLYN, N.Y. – A video showing members of the NYPD trying to break up a fight and instead ending up in an all-out brawl with a mob of New Yorkers has gone viral… and media outlets were quick to condemn the cops who were involved.

The Post said that the incident unfolded on Saturday morning around 2:30 a.m. as officers responded to the scene of a fight on the platform of a subway station. The fights had originally began up on Jay Street between two groups of people before the violence spilled down into the station.

Cell phone video captured at the scene shows officers rush into the area and try to pull the brawling teens apart, attempting to put one of the suspects in handcuffs. Other individuals on the outside of the skirmish appear to be pulling the officers away.

The heartbreaking final text this human trafficking victim sent before dying in UK truck



A 26-year-old Vietnamese woman texted her mom frantically that she was suffocating in the truck in which the bodies of 39 people were found in England — and apologized that her journey to a better life ended tragically, according to a report.

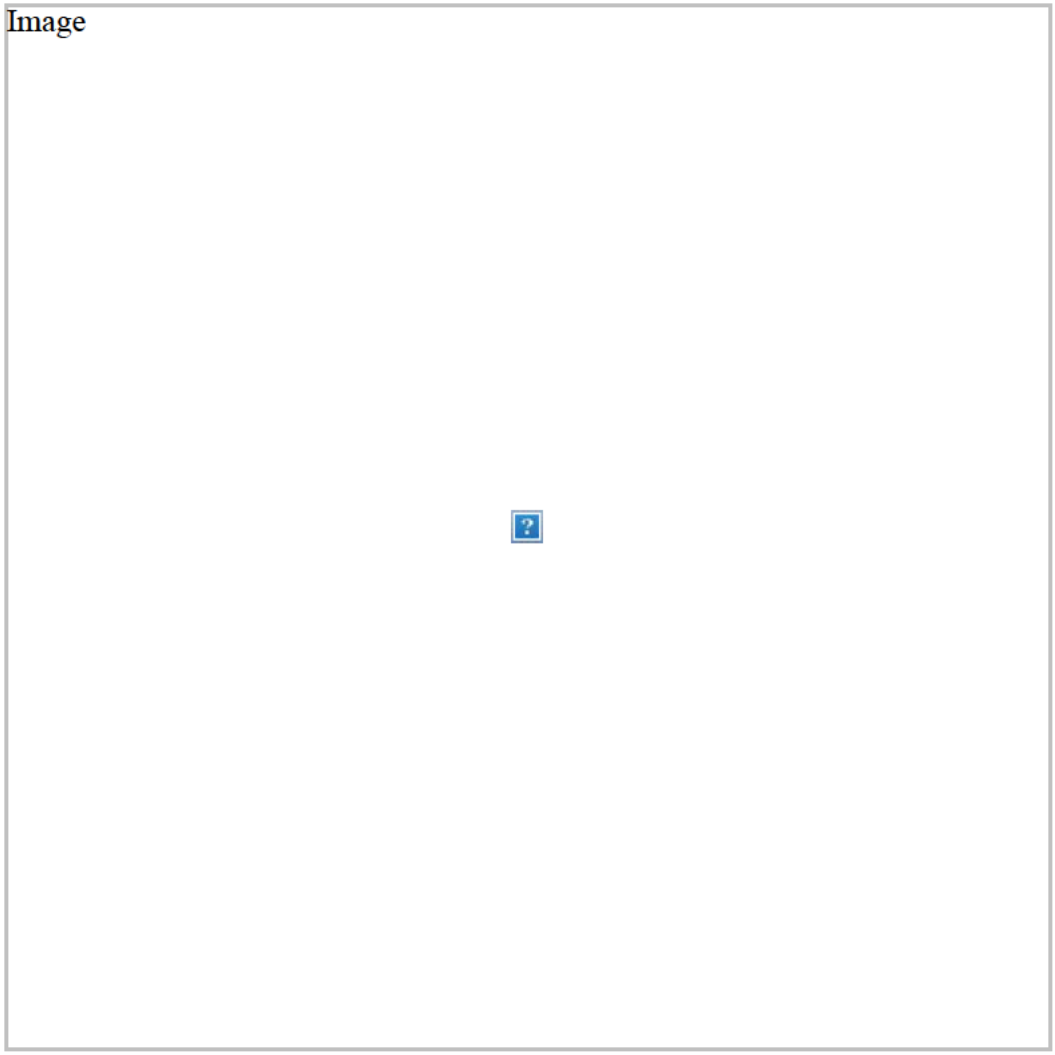
“I’m sorry Mom, my path to abroad didn’t succeed,” Pham Thi Tra My wrote in a series of messages about 10:30 p.m. Tuesday, according to the Mirror.

“Mom, I love you and Dad so much! I’m dying because I can’t breathe,” she added.

News about the young woman’s final moments emerged as two more people were arrested after eight women and 31 men were found dead Wednesday in a case that has shocked

Britain and made headlines around the world.

Labor Trafficking Is A Crime You Probably Don't Notice



It has been more than four years since Catherine Piedad called 911 from a $1.7 million home in Newton.

In 2015, she worked long hours to care for a Russian family's young twins. Her passport was taken, and she slept in a small room with little light and nowhere to store her clothes. When she asked to be paid, her employer threatened to send her back to the Philippines. She feared deportation and did not know who to trust.

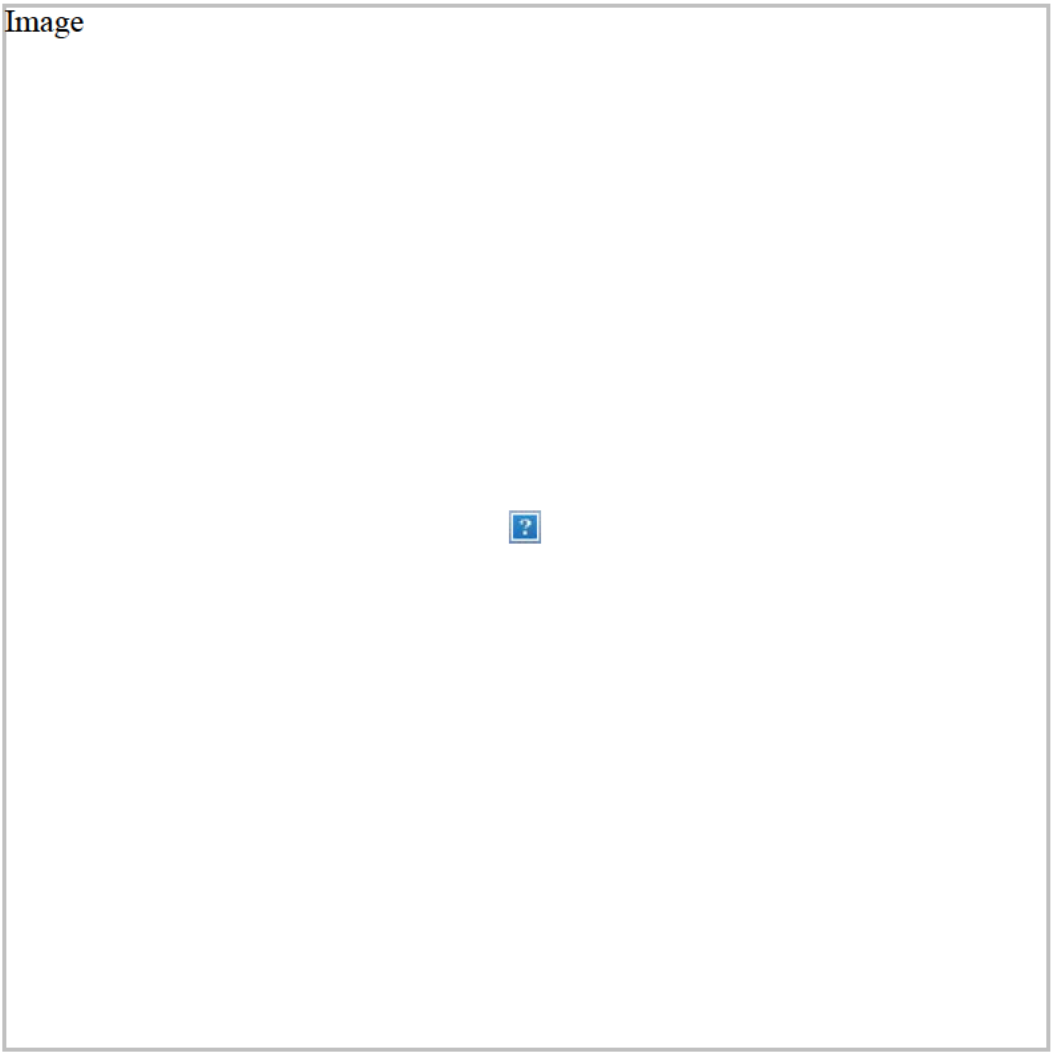
Despite her fear, she called 911. Law enforcement helped her

to leave the family's home but did little else. They did not see her case as "labor trafficking." Instead, the incident was labeled a "labor dispute." Piedad struggled to access her rights — despite the robust federal and state laws designed to protect her.

You've probably heard of sex trafficking, which often involves perpetrators who force, trick or coerce victims into sexual servitude. Although difficult to see, sex trafficking is often visible to law enforcement through the internet: perpetrators sometimes leave a footprint online, which can provide a critical entry point for criminal investigations.

The Mafia's history in Las Vegas: From Bugsy Siegel to Anthony Spilotro

Image



Benjamin "Bugsy" Siegel had been at the helm of the Flamingo

for only six months in June 1947 when he was killed in a hail of gunfire at his girlfriend's Beverly Hills, Calif., home.

But his vision for the Flamingo, the first resort-style hotel on the Strip, was the beginning of a 50-year relationship between Las Vegas and traditional organized crime that helped define "Sin City"and turn it into one of the world's top tourist destinations.

"The general perception on the part of the public is that Las Vegas and the mob have been inextricably linked, and I don't think it will ever be extricated," former longtime state archivist Guy Rocha says.

Groundbreaking books such as "The Green Felt Jungle" in 1963, which revealed the mob's early grip on the city, and popular movies such as "The Godfather" in 1972 and "Casino" in 1995 enhanced this perception through the years.

So did the buzz on the Strip over the Rat Pack, led by headliner Frank Sinatra and his associations with high-profile underworld figures.

New Bill To Bring Illegal Gambling In California Closer To An End

Image

Gambling in the US, as well as in the whole world, is one of the most entertaining and lucrative endeavors. Not only does it provide fun and joy to the players, but it also offers an opportunity to make a fortune.

The gambling operators all around the world are doing everything they can to attract new customers. From online free spins for Australians to no deposit bonuses and other promotions in other countries, casino operators are full of such impressive offers.

However, the industry isn't just this fairy-tale source of joy and money. It also has its drawbacks. With problem gambling, organized crime, and money laundering prospects, gambling has long been considered threatening to society.

That's the reason why the US government, alongside other governments worldwide, have been eager to put the industry

under the limitations and protect the interests of their citizens. With the regulatory restrictions and measures, the government officials have deemed ill-gotten gains illegal and contributed to ending gambling-related crime.

Best true-crime books of all time

Image

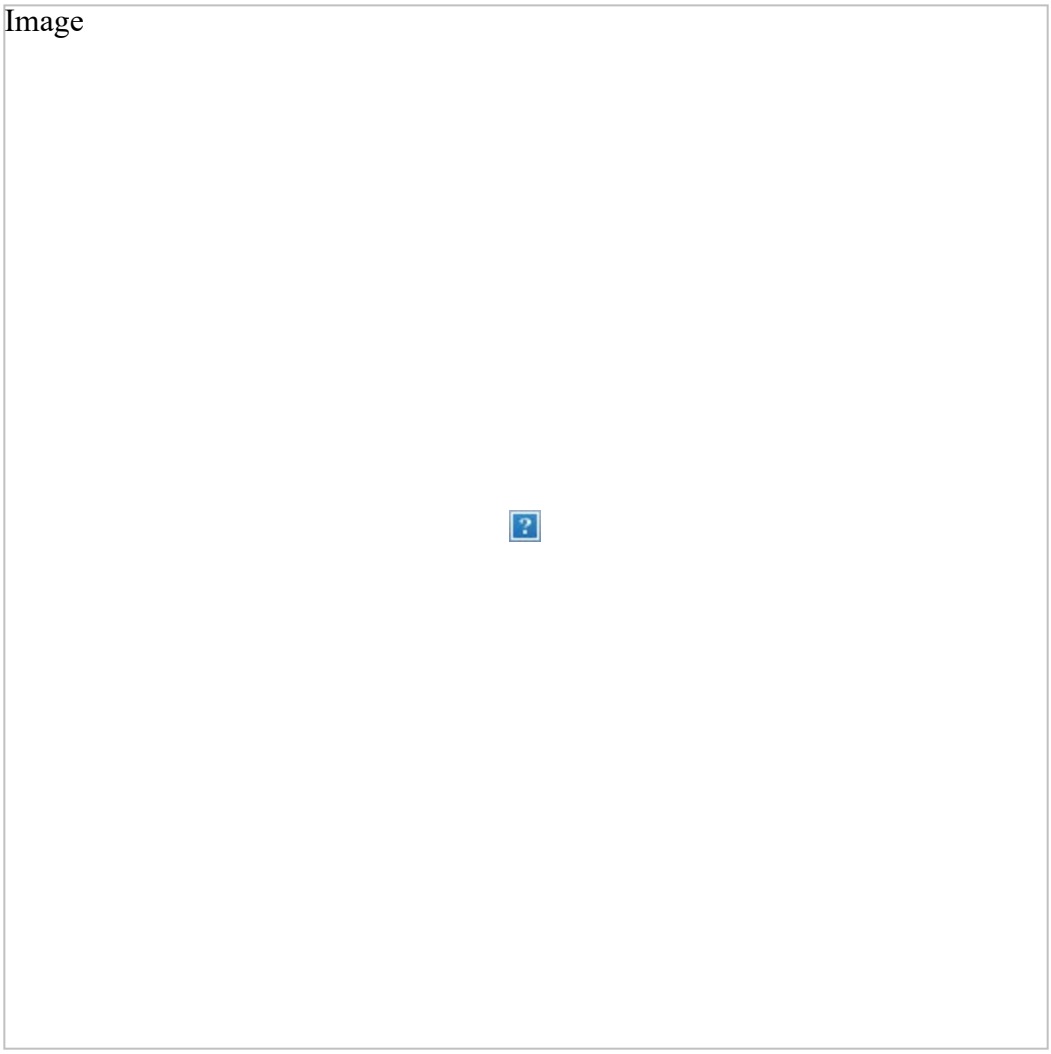


Terrifying tales are not the domain of fiction alone. If you are in search of bone-chilling scares, we recommend you turn to true crime. The key word being true. That's right, no imagination needed. Including stories about such horrific figures as Charles Manson and Ted Bundy, Goodreads compiled a list of the top 10 true-crime books of all time based on the lists, reviews and ratings of their more than 90 million members.

AP

How a Facebook Crime Page Led to Arrest of N.C. Woman in Cold Case Killing of Sister-in-Law

Image



A Facebook page devoted to the murdered, missing or miscreant residents of western North Carolina is being credited with helping authorities bring charges in the 15-year-old cold-case killing of a missing mom of four, allegedly at the hands of her sister-in-law.

The tip that led authorities to a “shallow grave” containing the remains believed to be those of 29-year-old Deborah Elaine Deans “proved to be very accurate and very reliable,” Nash

County Sheriff Keith Stone told reporters last week.

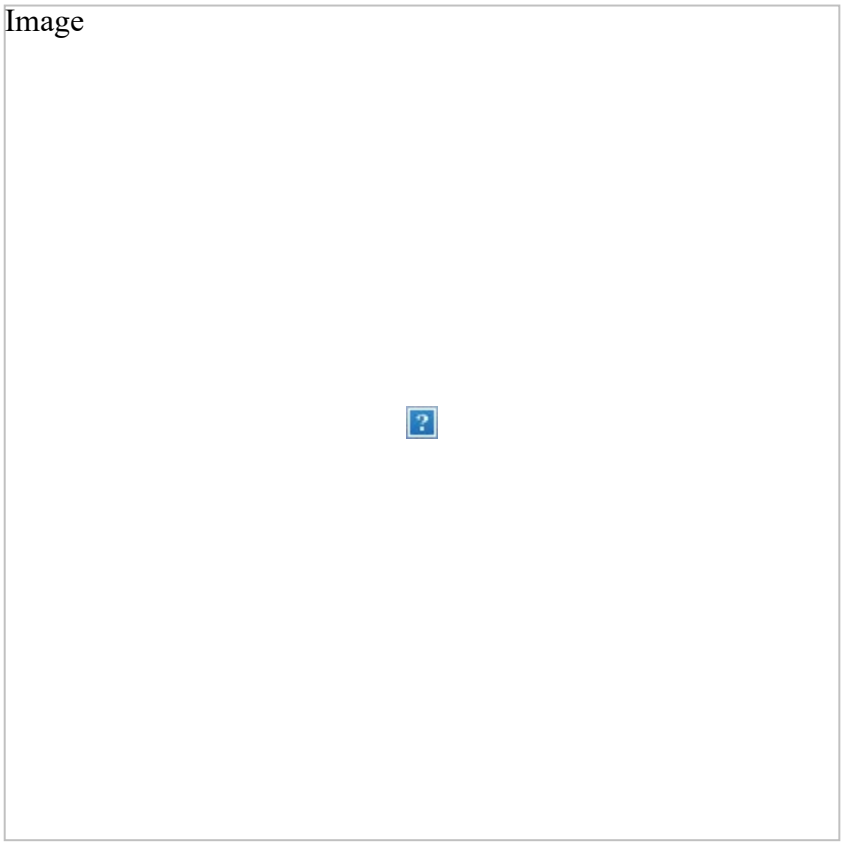
But the tipster did not go to police at first.

Instead, the unidentified person sent information about the alleged crime to a woman who created and runs a Facebook page called Fighting Crime News and Who's Wanted, an online outlet whose updates range from wanted posters to promotions of local elections and warnings about traffic tie-ups.

On October 20, a re-post about the unsolved missing-person case of Deans — who was last seen around 9 a.m. on January 19, 2004, at a residence on Wiley Road in Spring Hope — elicited a "very detailed" response that was forwarded to authorities by the Facebook page creator, said Nash.

Google Maps Adds ability to see speed limits and speed traps in 40+ countries

Image

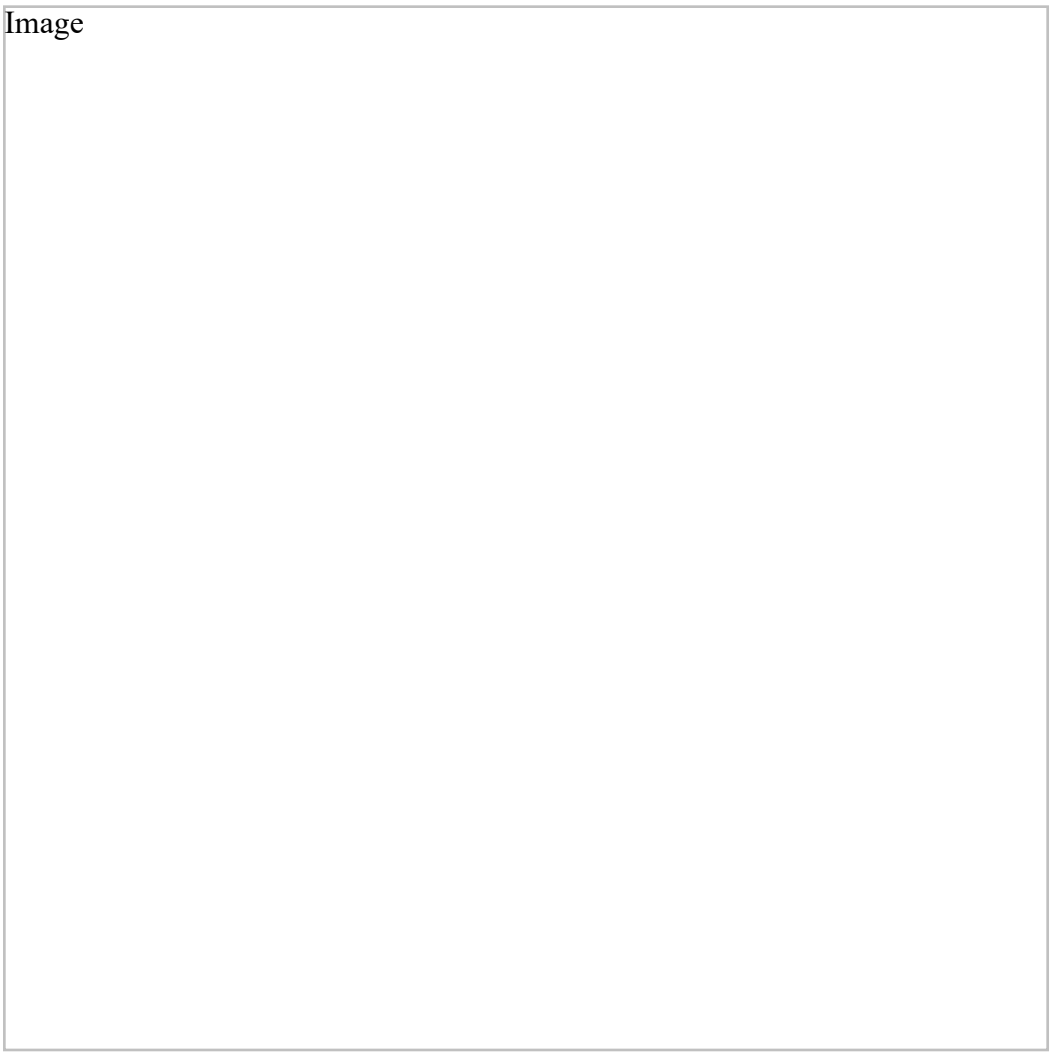


Google Maps is gaining some features previously exclusive to Google's navigation app, Waze. The company confirmed it's rolling out the ability for Google Maps users to see speed limits, speed cameras and mobile speed cameras in more than 40 countries worldwide — an expansion of its earlier launch of these features, which were previously limited to select markets.

The change was noted earlier by ZDNet and, of course, Reddit.

Google confirmed with TechCrunch the full list of supported countries now seeing the speed cameras, which currently includes: Australia, Brazil, U.S., Canada, U.K., India, Mexico, Russia, Japan, Andorra, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, Greece, Hungary, Iceland, Israel, Italy, Jordan, Kuwait, Latvia, Lithuania, Malta, Morocco, Namibia, Netherlands, Norway, Oman, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, South Africa, Spain, Sweden, Tunisia, and Zimbabwe.

The Ethics Board of One of the Largest Vendors of Police Tech (Axon) Makes the Case Against ALPRs



Automated License Plate Readers (ALPRs)—a mass surveillance technology that allows law enforcement to record the location and travel patterns of nearly every driver on the road—are poorly regulated, threaten privacy, and worsen the racial and economic inequalities already ingrained in our justice system.

That's what EFF and other advocates have been saying for years. But now it's coming from an oversight body formed by one of the nation's largest police tech vendors.

Last week, the AI and Policing Technology Ethics Board at Axon, a tech company best known for popularizing body-worn cameras and the Taser, released a damning report concerning the commercial sale of ALPRs. The board, whose purpose is to "help guide and advise the company on ethical issues," concluded that while it sees the potential value of ALPRs, their current role in society is too broad and problematic. The sheer

amount of information that ALPRs gather and store was also a concern for the ethics board—particularly when privately collected data is often for sale to whoever wants to buy it.

ALPR systems include cameras that can be mounted on vehicles like police patrol cars or private tow trucks, or on stationary locations such as streetlights or overpasses. These cameras capture every license plate that passes and index them based on time, date, and location. A police officer can search ALPR databases to learn where a vehicle was in the past or even get real-time alerts when a driver passes by an ALPR camera. Research by EFF, MuckRock, and others have found that even small police departments are able to collect millions of plate scans a year, and often agencies are sharing this data with hundreds of other agencies across the country. Private companies also use ALPR and sell their data to police, financial lenders, insurance companies, private investigators, and debt collectors.

Amazon's Ring is 'the Neighborhood Watch of 2020,' police say as doorbell cams proliferate

Image

That’s all it took Livonia Police to arrest a man, who hours earlier was caught on video posted on Ring’s Neighbors app rummaging through the bed of a pickup parked in a driveway.

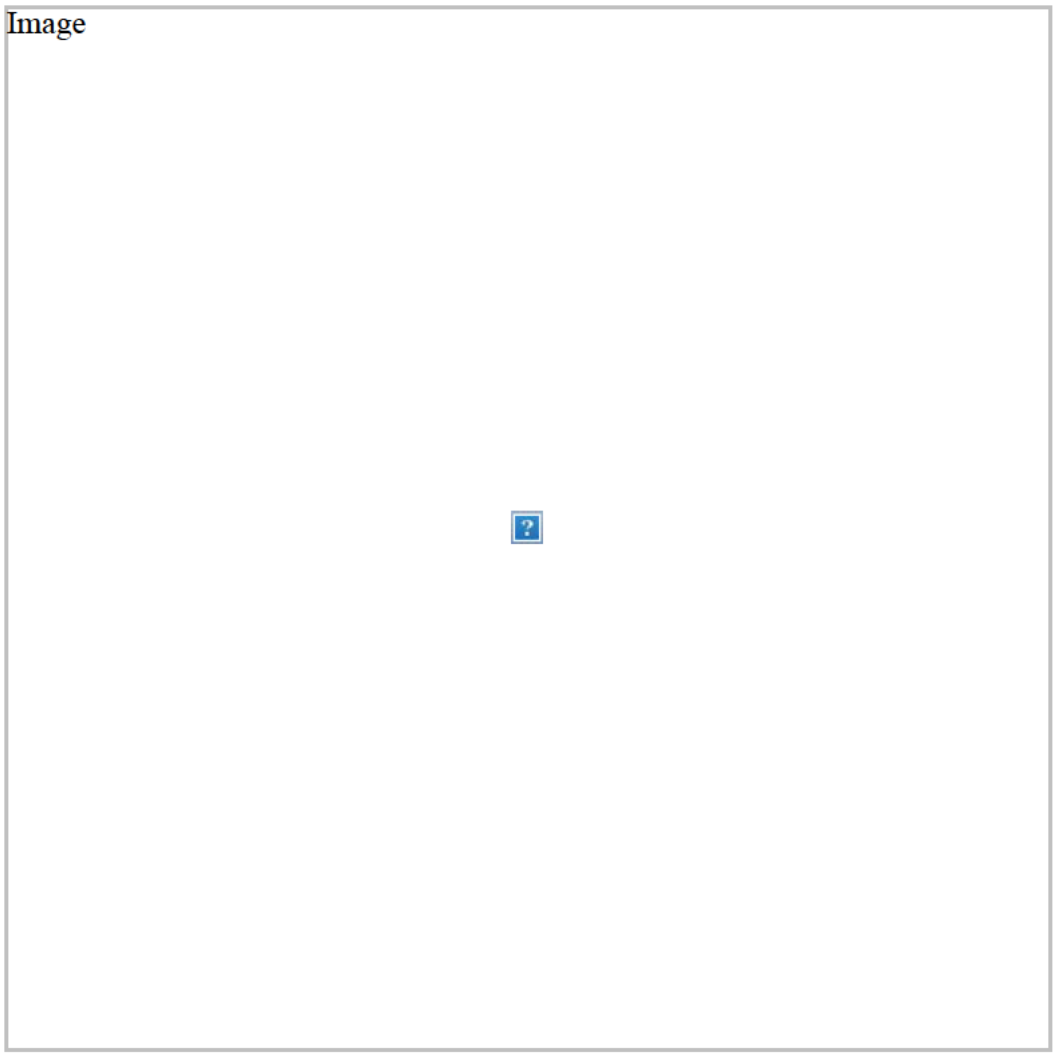
Detectives quickly recognized 60-year-old Jeffrey Couch when they saw the video posted by an app user in mid-August. Within a week, he pleaded no contest in court to two attempted larceny charges and was sentenced to 30 days in jail.

“I truly believe this is the Neighborhood Watch of 2020,” said Livonia Police Capt. Ronald Taig, whose force was one of the first law enforcement agencies in Michigan — and is one of more than 400 across the country — to partner with the Ring Neighbors app, owned by Amazon.

How the deadly drug fentanyl

is making its way to the US

Image



Trump administration officials are divided over part of a proposal to crack down on illicit versions of fentanyl, the deadly synthetic painkiller that President Donald Trump targeted in declaring a national opioid abuse emergency.

In an inter-agency dispute that highlights the challenges of curbing opioid abuse, the US Drug Enforcement Administration (DEA) is publicly backing tighter rules for fentanyl analogs, which are slightly altered copycat versions of the powerful drug fueling an explosion in overdoses.

In this case, the bill would cut the Food and Drug Administration out of the time-consuming review process by letting the DEA permanently classify illicit fentanyl analogs as Schedule I drugs, like heroin, which are deemed to be addictive with no medical use.

The DEA says these legal changes would help prosecutors keep pace with criminals who constantly churn out chemically tweaked fentanyl analogs to evade strict Schedule I regulations.

Of 70,200 US drug overdose deaths in 2017, according to the CDC, about 41% involved synthetic opioids, such as fentanyl and illicit analogs of it. Most of them are made in China.

Fentanyl, some versions of which are approved to treat cancer pain, is 100 times more potent than morphine.

Trump Orders Study of Root Causes of Crime, Policing Practices

Image

President Trump on Monday ordered Attorney General William Barr to establish a new commission to study crime and law enforcement with the goal of recommending “actions that can be taken to prevent, reduce, and control crime, increase respect for the law, and assist victims.”

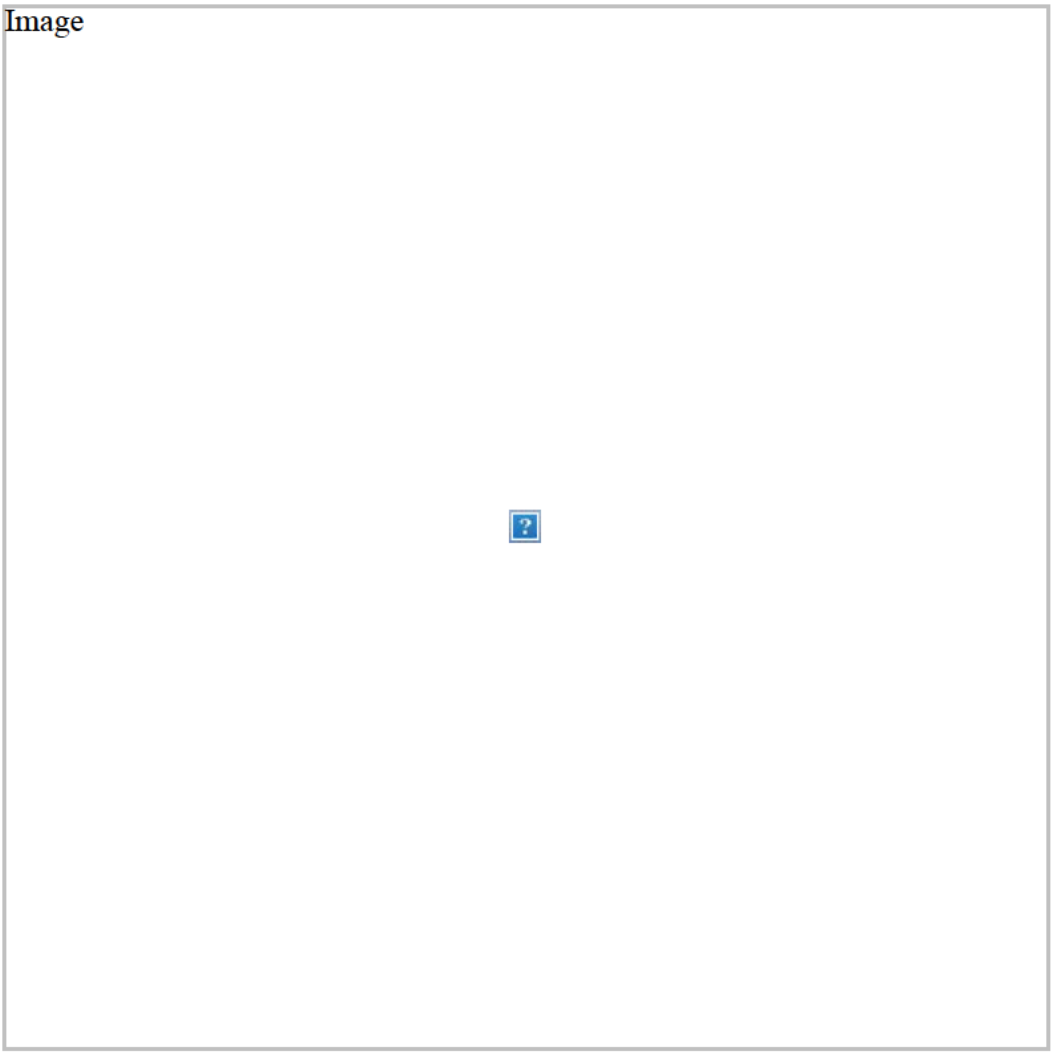
Following remarks in Chicago at the annual International Association of Chiefs of Police conference, the president signed an executive order establishing the Commission on Law Enforcement and the Administration of Justice. The commission will study the influence of substance abuse, homelessness and mental illness on crime as well as examine best practices to recruit, train and support law enforcement, among other things.

“Rigorous study of crime, including its causal factors, and current law enforcement practices is essential to assessing our current criminal justice system's merits and opportunities for

improvement," the executive order stated. "Public safety and proper policing are issues of both national and local significance that continue to require the close cooperation and coordination between the Department of Justice and state, local, and tribal law enforcement."

Quality Afterschool Programs Proven to Reduce Crime

Image



As a member of your District Attorney's Office for almost 30 years, and your DA for nearly 10, I've learned that the hours after school lets out are the prime time for juvenile crime.

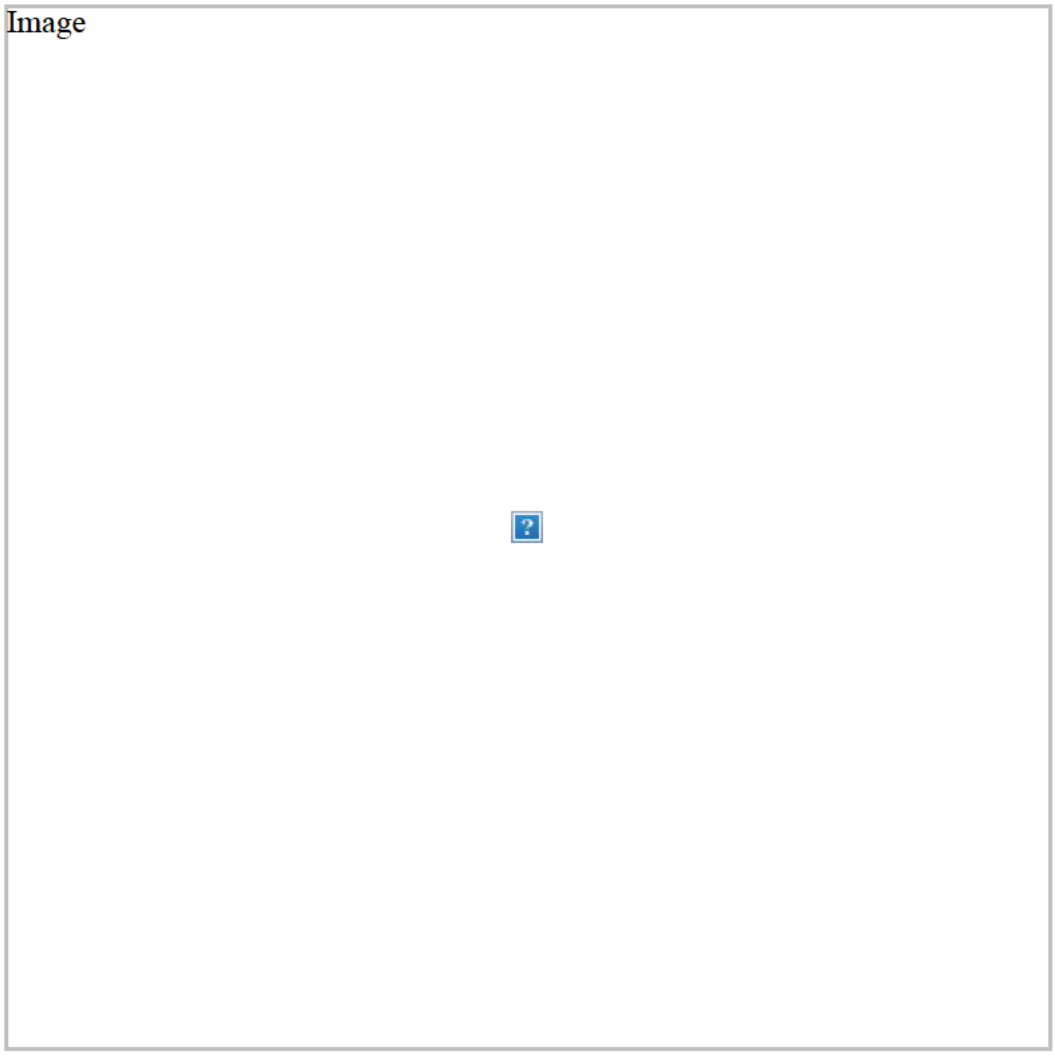
It is between these hours of 2 to 6 p.m. that youth are more likely to be arrested for assault, theft and drug-related crimes.

Quality afterschool programs have been proven to reduce these crimes in our community, keep students engaged, and improve academic performance and student behavior.

A new report from Fight Crime: Invest in Kids shows that when youth have access to high-quality, affordable afterschool programming, they benefit immensely from homework help and outdoor activities, and they're less likely to commit or become victims of crime.

Australia's government is floating an idea to scan internet users' faces before they can watch porn online

Image



Australia's Department of Home Affairs has touted an idea to use facial recognition software in order to verify internet users

ages before they can access pornography or gambling websites.

In its parliamentary submission, the department says that its Document Verification Service and Face Verification Service — though broadly intended to be used as systems for fighting crime and identity theft — could also be used by police for age verification controls.

"This could assist in age verification, for example by preventing a minor from using their parent's driver licence to circumvent age verification controls," the submission states.

"Whilst they are primarily designed to prevent identity crime, Home Affairs would support the increased use of the Document and Face Verification Services across the Australian economy to strengthen age verification processes."

Police turn to hackers in Australia's first crowdsourced attempt to find missing people

Image

For decades the traditional 'missing person' poster has been used to enlist the community's help to find individuals who may be in danger.

But with more than 2,600 Australians now listed as a "long-term" disappearance, the federal police are trying what they hope will be a more successful tactic: turning the search into a game.

More than 350 internet sleuths and "ethical hackers" — hobbyists and professionals — gathered at 10 locations around the country on Friday in a national missing-persons "hackathon".

The aim was to generate leads for 12 of Australia's most frustrating cold cases, using sophisticated but legal methods of trawling the internet.

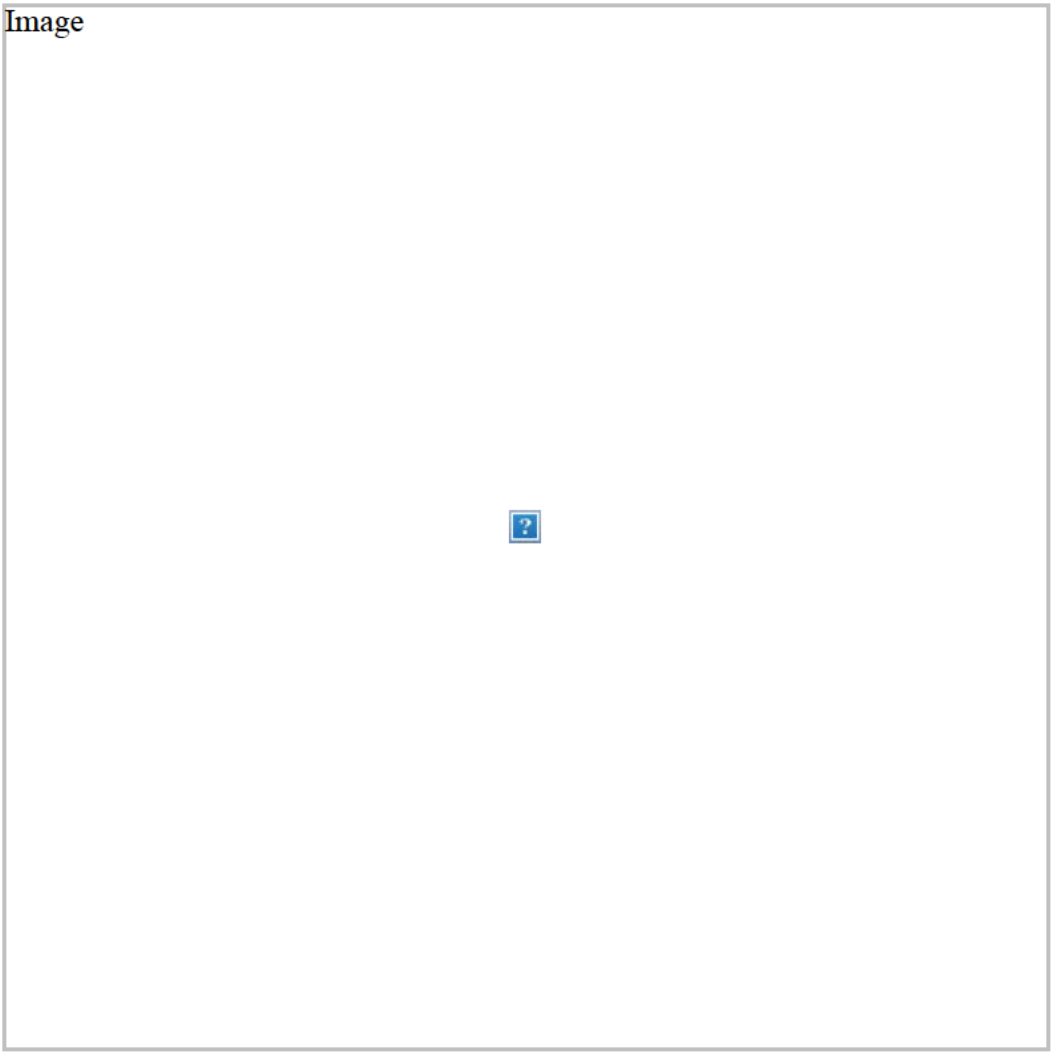
And organisers said the results were astounding: 100 leads

were generated every 10 minutes the competing teams worked.

Police overseas have used crowdsourcing in the past for help with isolated cases, aided by these largely voluntary "open-source intelligence" (OSINT) enthusiasts.

But Linda Cavanagh, of the Canberra Cyber Security Innovation Node, said the Australian event was the first of its kind to be deployed on a national scale.

10 of the Best Tools to Find Relevant Influencers on Social Media



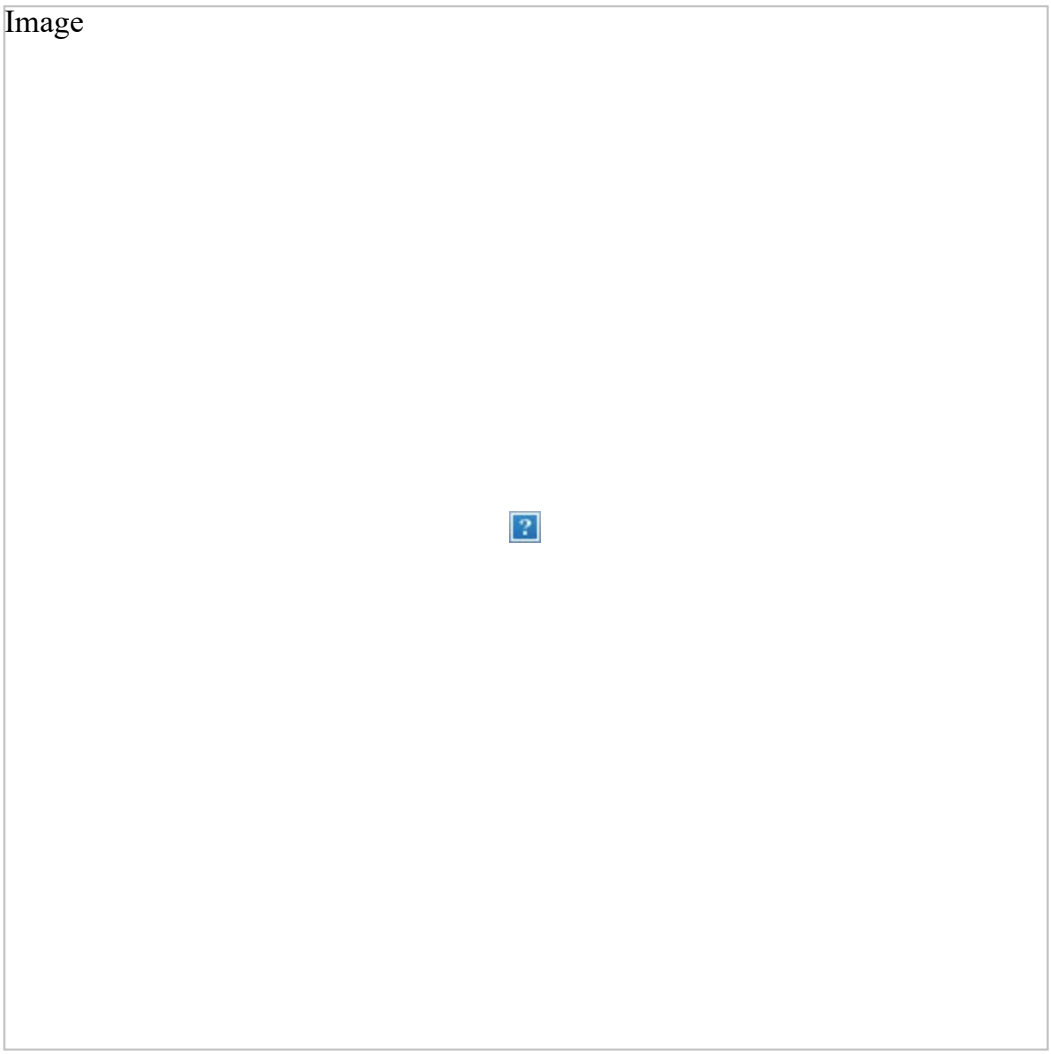
While it's become a much bigger consideration in recent years, influencer marketing, as a practice, has actually existed for a very long time. In the past, however, influencers were only on

TV or in magazines, and unlike social media, TV and newspapers are limited, which led to a situation where a select number of celebrities were able to charge tons of money for making an ad for Pepsi or Swatch in order to influence consumer behavior.

With the birth of social platforms, everything changed. The Internet has no limits, there can be as many influencers as the world requires. They can be of any age and social status, and in any area of expertise (or no area of expertise). And they can work with any brand.

How Your Volunteering Trip Could Contribute To Human Trafficking

Image



The advent of cheap air travel and Instragammable holiday

photos, combined with a longing for meaning, has created a new breed of traveler: the voluntourist. This ever-growing trend describes people, most often young and affluent Westerners, who travel to the global South to help with community projects.

While no doubt sweetly intentioned, there is considerable concern over the fad of “voluntourism” and whether it does more harm than good for the communities in developing countries – especially when it involves children or work at an orphanage. On the surface of the problem, it’s questionable whether treating the developing world as a playground is an effective model to address systemic poverty and care for vulnerable children.

An anthropological study published in the Journal of Sustainable Tourism has shown how volunteer programs can actually contribute towards a superficial understanding of poverty that distracts from the larger systems that produce inequality and poverty. Through a series of in-depth interviews with young people from the US who volunteered in Malawi, they found their volunteer work was often carried out through a colonial and “mythologized” image of a helpless Africa needing the benevolence of the West. The volunteers also viewed African poverty in terms of the “American Dream” and the idea of pulling oneself out of poverty through hard work, as opposed to deep-rooted economic, social, and historical factors at play.

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Date: Wednesday, October 30, 2019 8:39:00 AM

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Each Wednesday, we share with you a few of the articles or intelligence-based publications that have come across our desk. We are exicted to see, each week, Law Enforcement Officers, Analysts and Administrators from around the world reading this.

If you have a publication or an article that you feel needs to be shared, please send these to IntelligenceAnalysis@mac.com for review.

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Wednesday 10/30/19

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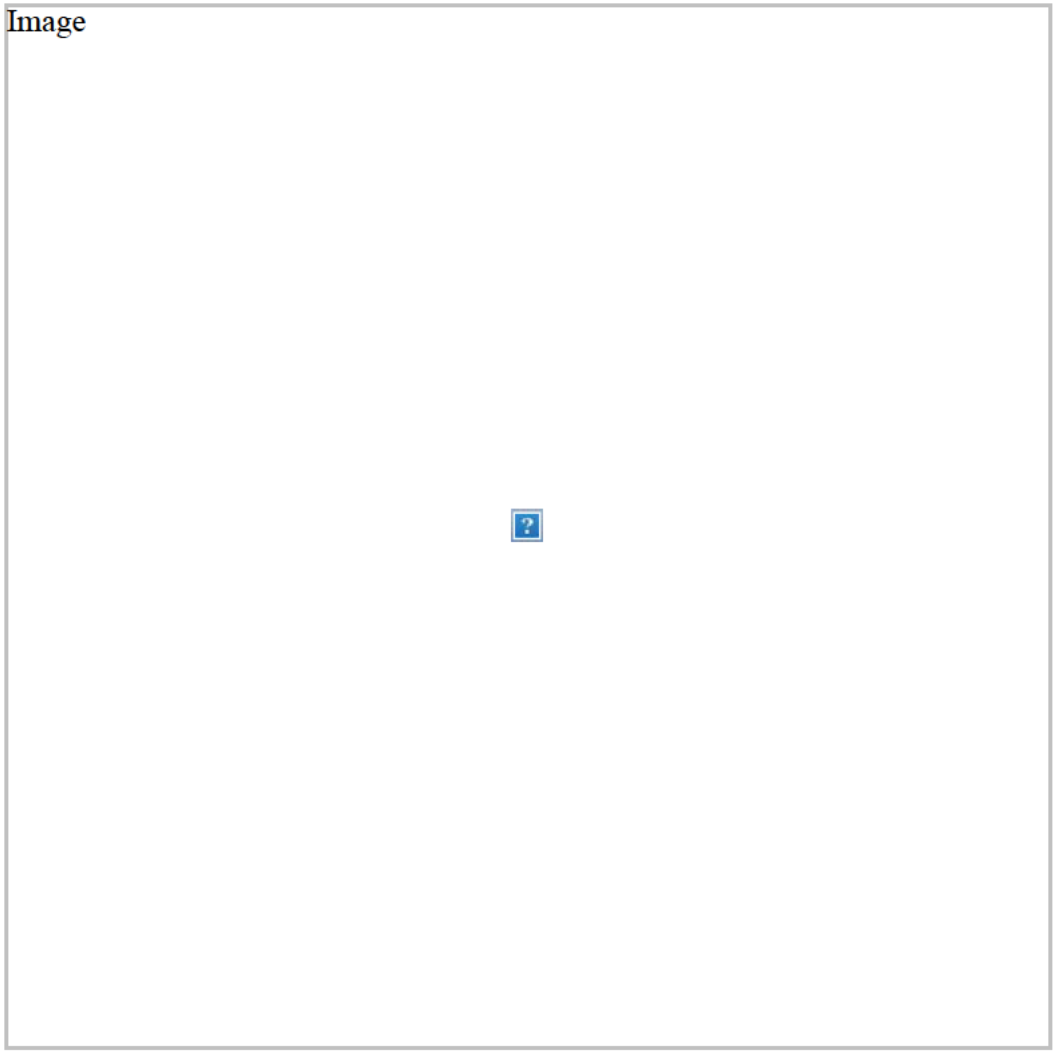
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BAE wins open source intelligence

contract from the Army



The Army has awarded BAE Systems a $437 million task order for open source intelligence support, the company announced Oct. 15 during the 2019 Association of the United States Army conference.

As part of the task order, BAE Systems will provide the Army and Army Intelligence & Security Command (INSCOM) approved partners with open source solutions to publicly available data.

“We’re proud to continue to partner with the U.S. Army and support their critical national security missions with this new capability,” Peder Jungck, vice president and general manager of BAE Systems’ intelligence solutions business.

The company won the initial award of the five-year task order

and began ramping up in August, Jungck said. The task order is an extension of projects the company has been doing for the Army, but this is the first time the work been consolidated and awarded as a larger contract, he explained.

“If you look at contracts in general around OSINT there’s been kind of small ones, there’s been lots of pilots out of agencies and even within the Army and throughout INSCOM there were different kind of brigades and battalions that had their own set of tools," he said. "This is one of the first of the really large OSINT and AI consolidation contracts. I don’t think anybody’s really had a large one like this.”

Calif. police stand by cop after video released in 2017 OIS of murder suspect

Image



FRESNO, Calif. — Community activists are expressing outrage

after seeing video footage that shows a Fresno police sergeant fatally shooting an unarmed 16-year-old boy as he fled during a foot pursuit.

Meanwhile, the local police union and supporters of law enforcement have stepped up in support of the sergeant, saying he acted within guidelines while pursuing a murder suspect.

The footage shows Sgt. Ray Villalvazo firing a single shot into the back of Isiah Murrietta-Golding's head, according to a lawsuit filed on behalf of the teen's family.

The video was captured on a surveillance camera at a daycare facility on April 14, 2017, and was released by attorney Stuart Chandler, who's representing the family of Murrietta-Golding. The boy's family alleges the sergeant used excessive and unlawful deadly force, and committed assault and battery with negligence.

Additionally, in footage released from a police officer's body camera, one officer is heard shouting "good shot" as officers handcuff and search the already prone Murrietta-Golding.

Asia has an organized-crime problem. Canada is well placed to help

Image

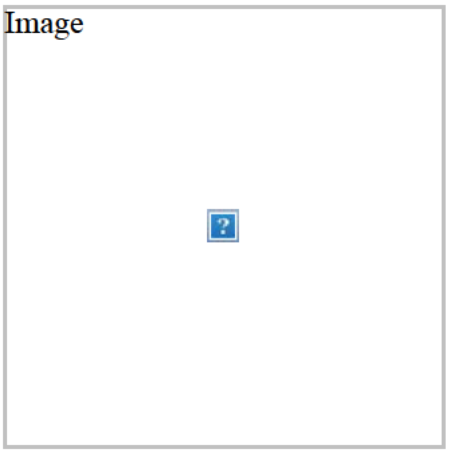
Jeremy Douglas is the regional representative for the United Nations Office on Drugs and Crime (UNODC) for Southeast Asia and the Pacific and a former UNODC representative for Pakistan. The opinions expressed in this commentary are his.

More than a few eyebrows went up last week when Tse Chi Lop – a 55-year-old Canadian man – was accused of being arguably the biggest drug trafficker in the history of Asia.

Mr. Tse is suspected – by police in Myanmar, Australia and Taiwan, and by the United Nations Office on Drugs and Crime (UNODC) – of being the leader of Sam Gor, or Brother Number Three, a supersyndicate largely responsible for the dramatic shift in recent years in organized crime away from drugs such as heroin and toward synthetics, such as methamphetamine, ketamine and fentanyl. It's a shift that has been driven by control and profit, since synthetics offer many advantages to criminal organizations: Labs can be quickly set up or moved;

they are not subject to external conditions such as climate, nor do they require large work forces; and production can be rapidly scaled up to drive the market. Put these things together and it means the disruption of the traditional drug business and the heavily concentrated profits that come with it.

Florida Senator Rick Scott Announces Legislation To Address 'FBI Failures' Regarding Parkland Shooting



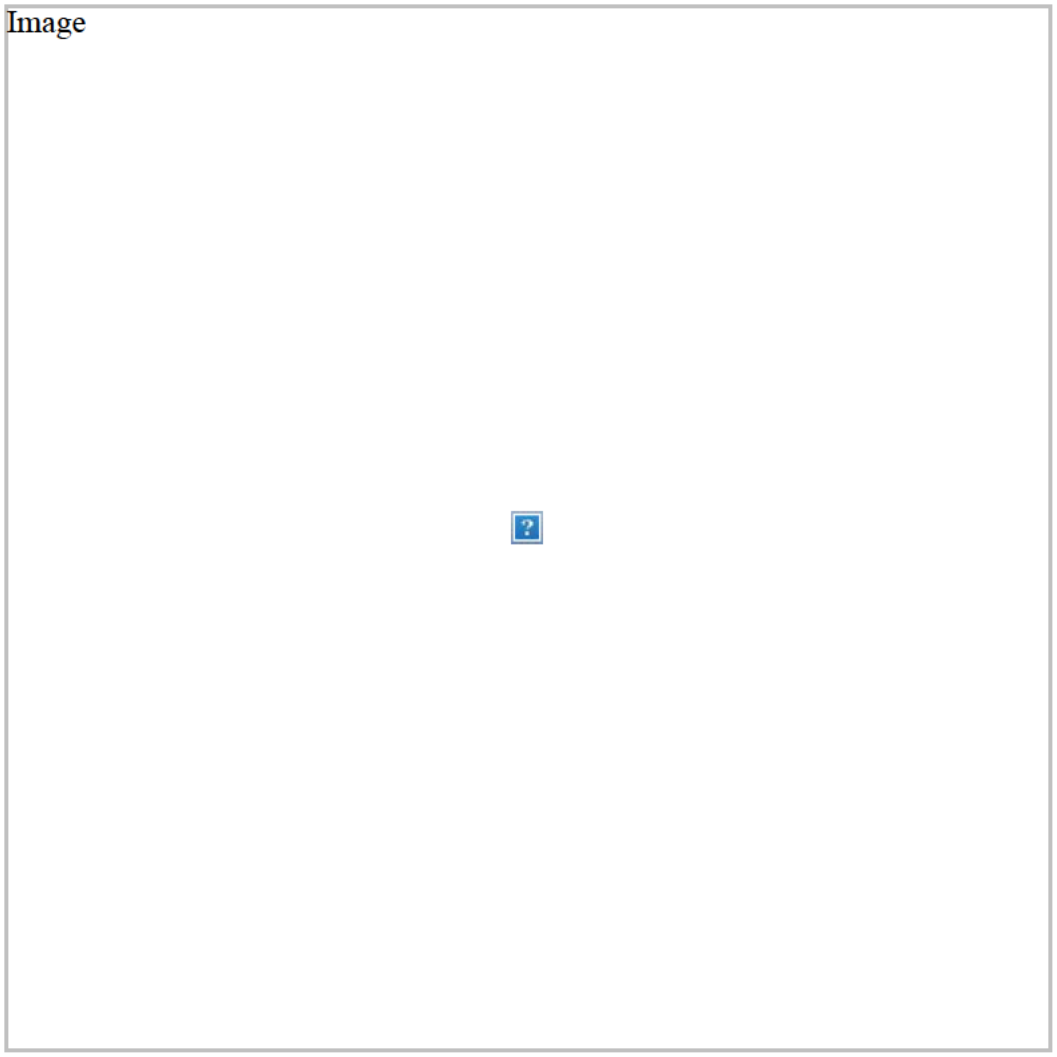
MIAMI (CBSMiami) – Florida Senator Rick Scott announced legislation Thursday to hold the Federal Bureau of Investigations accountable for its 'failures to address critical deficiencies in its handling of actionable intelligence' in regards to the mass shooting at Marjory Stoneman Douglas High School in 2018.

The 'Threat Information Protocol for Sharing (TIPS) Act' is supported by Stand with Parkland, an organization founded by the family members of the victims of the Parkland shooting.

"Not a day goes by that I don't think about the 17 souls that were taken from us in a brutal act of violence at Marjory Stoneman Douglas High School. Following the tragedy, we all worked together to pass the Marjory Stoneman Douglas High School Public Safety Act to make our schools safer and prevent future tragedies, but we aren't finished. We cannot accept the repeated failures of the FBI to properly investigate and act on specific tips received about the Parkland shooter, as well as other perpetrators of mass violence in Florida. I'm

proud to stand with the family members of the victims to announce the TIPS Act, which bridges the gap between federal and state law enforcement agencies by mandating information sharing of all state-specific criminal intelligence tips. This is about getting information on threats into the hands of the right people, who can ultimately prevent violence and protect our families," Scott said.

Majority of Mexicans Say Organized Crime Stronger than Government after El Chapo's Son Released



A majority of Mexicans see organized crime as more powerful than the Mexican government after government forces capitulated to drug-cartel strongmen and released the son of

the former cartel leader Joaquín Guzmán, known as “El Chapo.”

About 56 percent of Mexicans say they believe organized crime is stronger, while only 33 percent say the government is stronger, according to a poll by the Mexican newspaper Reforma.

Mexican authorities were forced on Thursday to release Ovidio Guzmán López, El Chapo’s son, shortly after capturing him, when the Sinaloa cartel laid siege to the city of Culiacán and surrounded Mexican troops, taking eight soldiers hostage. Officials said at least 14 people died during the clashes between cartel members and Mexican soldiers.

49 percent of respondents in the Reforma poll disagreed with the decision to release López, while 45 percent said they supported it. Residents of Culiacán expressed relief that the government had surrendered, saying the decision prevented further violence.

Mexican lawmen get FBI training to combat organized crime, terrorism

Image

JUAREZ, Mexico — Three Chihuahua state lawmen recently completed intelligence and intervention training courses sponsored by the FBI, according to the State Security Commission.

Alvaro Serrano Escobedo, the commission's operations director, received training on anti-terrorism, intelligence gathering, leadership and the combat of organized crime at FBI headquarters in Quantico, Virginia. The training is part of the FBI's Mexican Law Enforcement Executive Development (MEXLEED) program, the commission said in a news release.

Ginés Jaime Ruiz García, first officer of the Chihuahua State Police, and Jesús Alejandro Cruz Rangel, who heads rural operations for the agency, attended the FBI's Mexican American Liaison and Law Enforcement Training (MALLET) program in South Padre Island, Texas, the commission said.

The three lawmen were among 30 duly vetted Mexican officials chosen by the FBI for training this year, the commission said.

63 accused drug dealers plead guilty in heroin, fentanyl and cocaine trafficking rings

Image

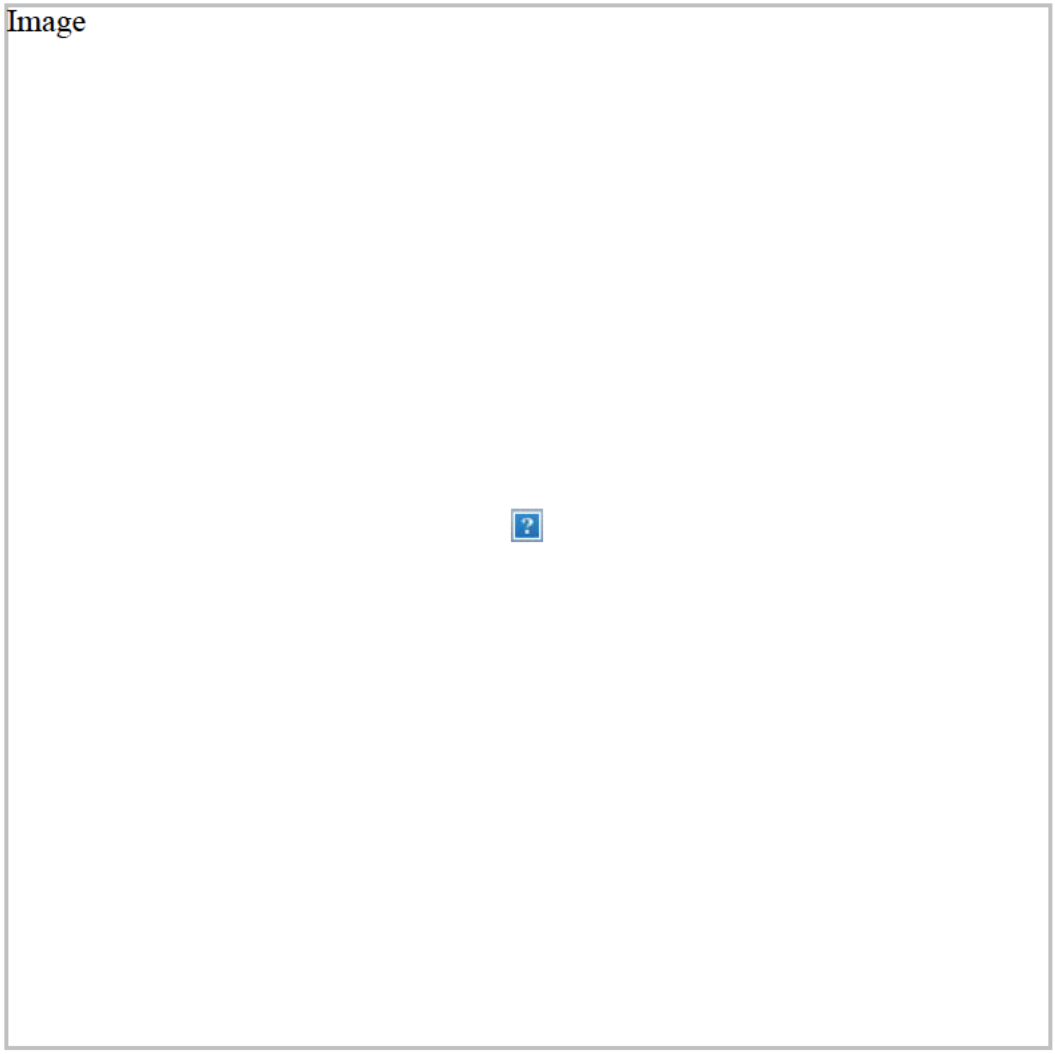
SYRACUSE — New York State Attorney General Letitia James has announced the guilty pleas of 63 people for their roles in two major narcotics trafficking operations that transported heroin, fentanyl, and cocaine to Onondaga, St. Lawrence, Oswego, Oneida, and Jefferson counties.

The investigation resulted in the recovery of approximately 4,700 bags of heroin and fentanyl, worth approximately $140,000, and approximately 2 kilograms of cocaine, worth more than $200,000, according to a news release from the Attorney General's office.

“These individuals flooded our communities with dangerous drugs that are putting New Yorkers at great risk,” said Attorney General Letitia James in the news release.

House bill would give border agents tool to detect synthetic opioids

Image



A bill that would give U.S. Customs and Border Protection (CBP) agents the equipment to detect synthetic opioids has been introduced in the U.S. House.

The DHS Opioid Detection Resilience Act of 2019 requires the Commissioner of CBP to procure chemical screening devices that allow border patrol agents to identify narcotics, including synthetic opioids, with purity levels of less than 10 percent. A

2018 study by the Drug Enforcement Administration (DEA) found that most fentanyl seized at the southwest border tends to be less than 10 percent pure. These changes would fill the gap that currently exists in identifying these synthetic opioids.

“Stopping the flow of illegal drugs across our southern border and at ports of entry is a top priority for our CBP law enforcement officers. This includes fentanyl and other synthetic opioids that can be difficult to detect. Our legislation ensures that DHS has the necessary equipment to detect synthetic opioids and the ability to adapt as smuggling methods evolve. We want to prevent this poison from ever reaching American communities, and our bill helps law enforcement carry out that mission,” Rep. Clay Higgins (R-LA), the bill’s sponsor, said.

Teens brawl with police in Brooklyn subway station

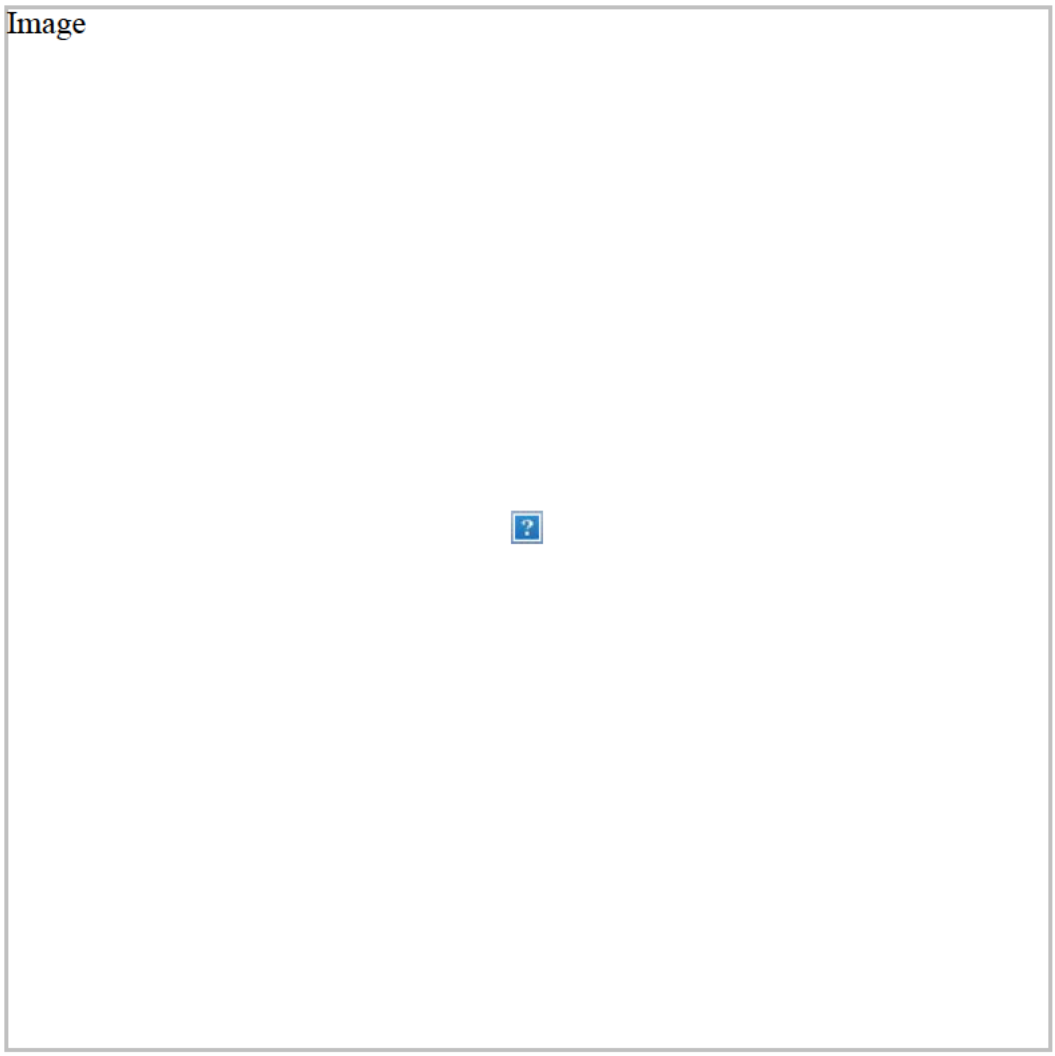
Image

BROOKLYN, N.Y. – A video showing members of the NYPD trying to break up a fight and instead ending up in an all-out brawl with a mob of New Yorkers has gone viral… and media outlets were quick to condemn the cops who were involved.

The Post said that the incident unfolded on Saturday morning around 2:30 a.m. as officers responded to the scene of a fight on the platform of a subway station. The fights had originally began up on Jay Street between two groups of people before the violence spilled down into the station.

Cell phone video captured at the scene shows officers rush into the area and try to pull the brawling teens apart, attempting to put one of the suspects in handcuffs. Other individuals on the outside of the skirmish appear to be pulling the officers away.

The heartbreaking final text this human trafficking victim sent before dying in UK truck



A 26-year-old Vietnamese woman texted her mom frantically that she was suffocating in the truck in which the bodies of 39 people were found in England — and apologized that her journey to a better life ended tragically, according to a report.

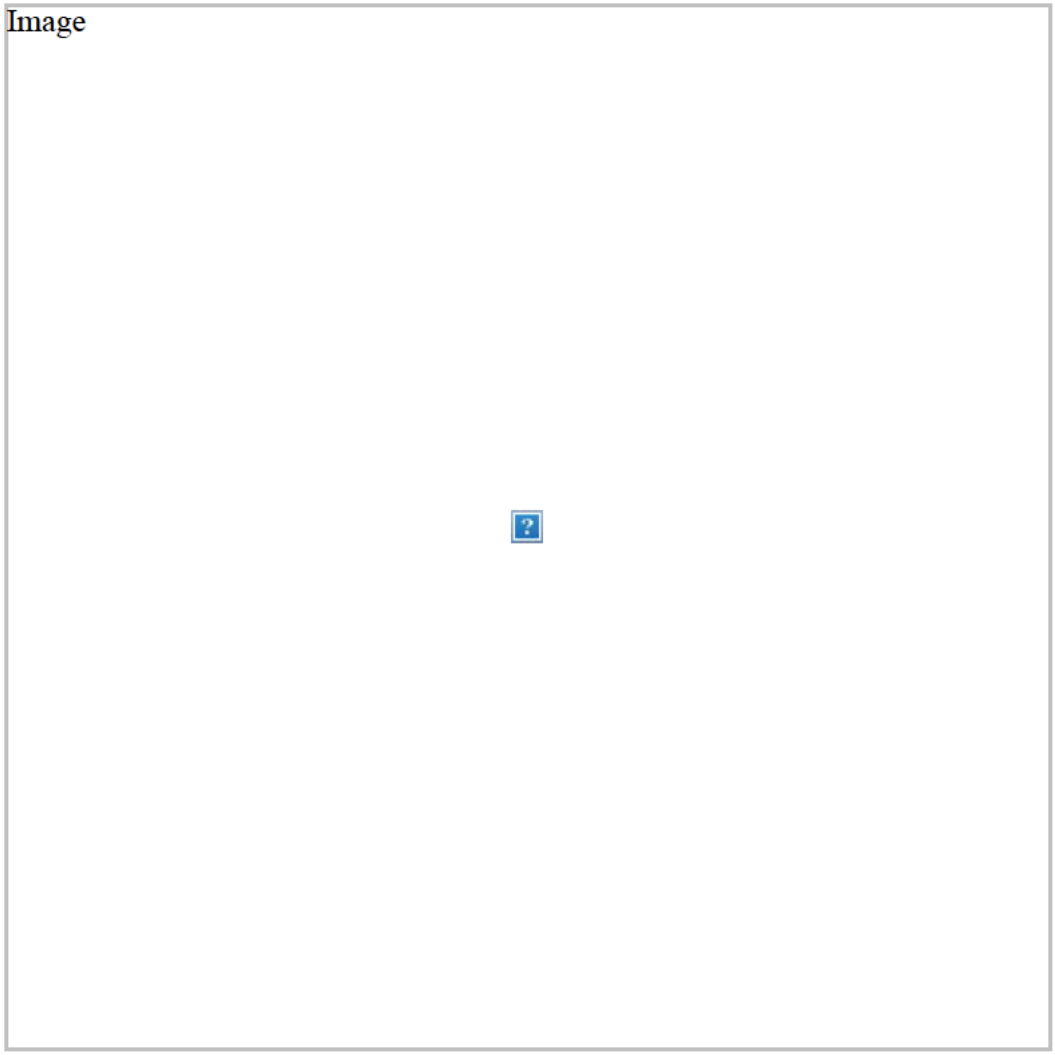
“I’m sorry Mom, my path to abroad didn’t succeed,” Pham Thi Tra My wrote in a series of messages about 10:30 p.m. Tuesday, according to the Mirror.

“Mom, I love you and Dad so much! I’m dying because I can’t breathe,” she added.

News about the young woman’s final moments emerged as two more people were arrested after eight women and 31 men were found dead Wednesday in a case that has shocked

Britain and made headlines around the world.

Labor Trafficking Is A Crime You Probably Don't Notice



It has been more than four years since Catherine Piedad called 911 from a $1.7 million home in Newton.

In 2015, she worked long hours to care for a Russian family's young twins. Her passport was taken, and she slept in a small room with little light and nowhere to store her clothes. When she asked to be paid, her employer threatened to send her back to the Philippines. She feared deportation and did not know who to trust.

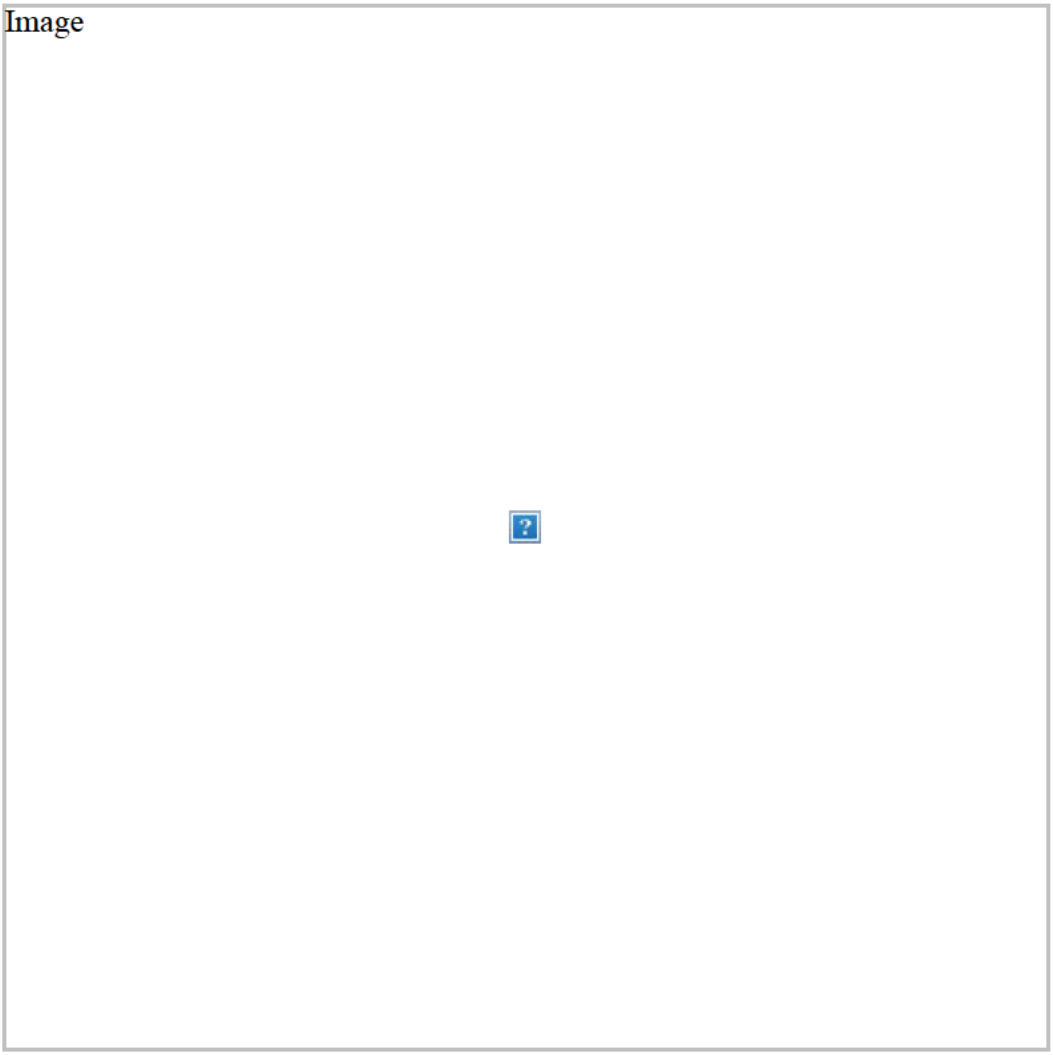
Despite her fear, she called 911. Law enforcement helped her

to leave the family's home but did little else. They did not see her case as "labor trafficking." Instead, the incident was labeled a "labor dispute." Piedad struggled to access her rights — despite the robust federal and state laws designed to protect her.

You've probably heard of sex trafficking, which often involves perpetrators who force, trick or coerce victims into sexual servitude. Although difficult to see, sex trafficking is often visible to law enforcement through the internet: perpetrators sometimes leave a footprint online, which can provide a critical entry point for criminal investigations.

The Mafia's history in Las Vegas: From Bugsy Siegel to Anthony Spilotro

Image



Benjamin "Bugsy" Siegel had been at the helm of the Flamingo

for only six months in June 1947 when he was killed in a hail of gunfire at his girlfriend's Beverly Hills, Calif., home.

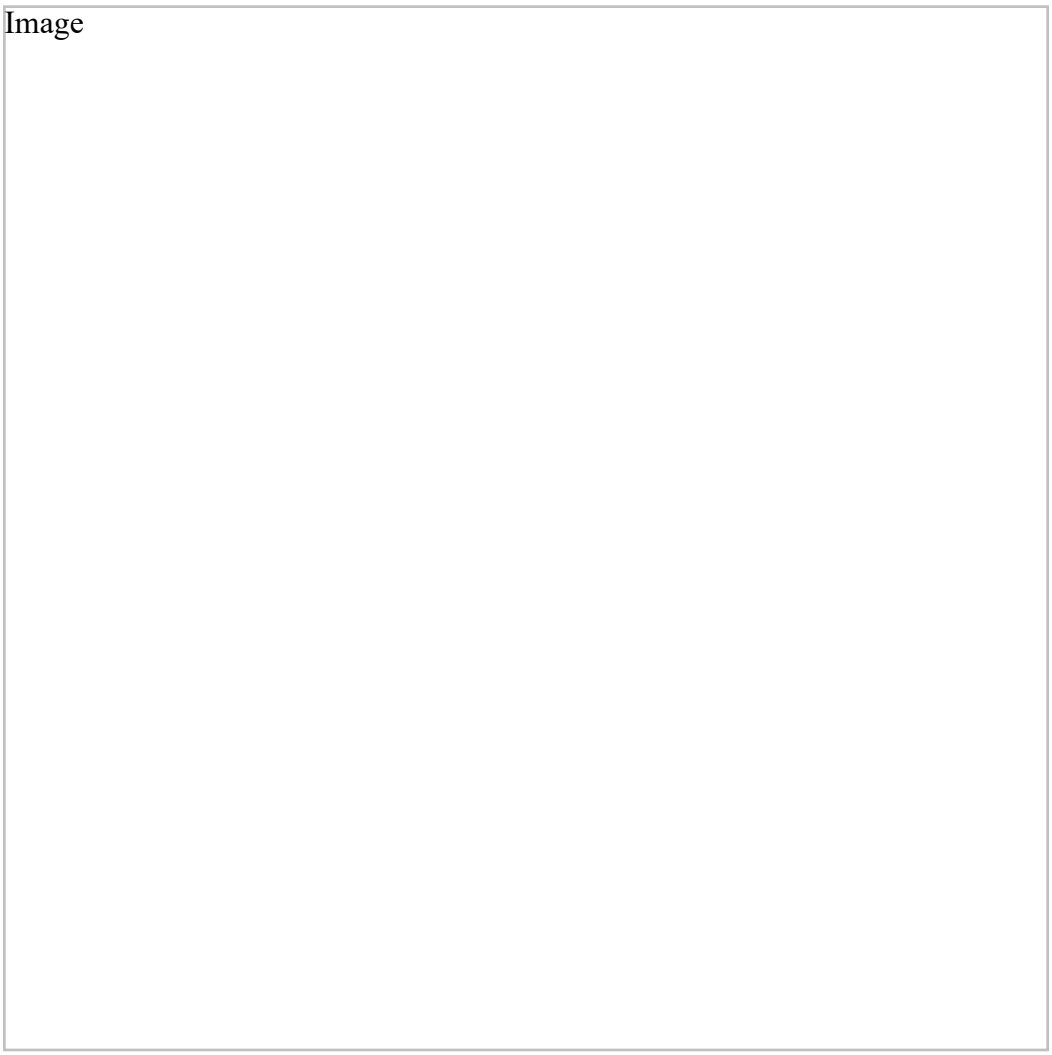
But his vision for the Flamingo, the first resort-style hotel on the Strip, was the beginning of a 50-year relationship between Las Vegas and traditional organized crime that helped define "Sin City"and turn it into one of the world's top tourist destinations.

"The general perception on the part of the public is that Las Vegas and the mob have been inextricably linked, and I don't think it will ever be extricated," former longtime state archivist Guy Rocha says.

Groundbreaking books such as "The Green Felt Jungle" in 1963, which revealed the mob's early grip on the city, and popular movies such as "The Godfather" in 1972 and "Casino" in 1995 enhanced this perception through the years.

So did the buzz on the Strip over the Rat Pack, led by headliner Frank Sinatra and his associations with high-profile underworld figures.

New Bill To Bring Illegal Gambling In California Closer To An End



Gambling in the US, as well as in the whole world, is one of the most entertaining and lucrative endeavors. Not only does it provide fun and joy to the players, but it also offers an opportunity to make a fortune.

The gambling operators all around the world are doing everything they can to attract new customers. From online free spins for Australians to no deposit bonuses and other promotions in other countries, casino operators are full of such impressive offers.

However, the industry isn't just this fairy-tale source of joy and money. It also has its drawbacks. With problem gambling, organized crime, and money laundering prospects, gambling has long been considered threatening to society.

That's the reason why the US government, alongside other governments worldwide, have been eager to put the industry

under the limitations and protect the interests of their citizens. With the regulatory restrictions and measures, the government officials have deemed ill-gotten gains illegal and contributed to ending gambling-related crime.

Best true-crime books of all time

Image

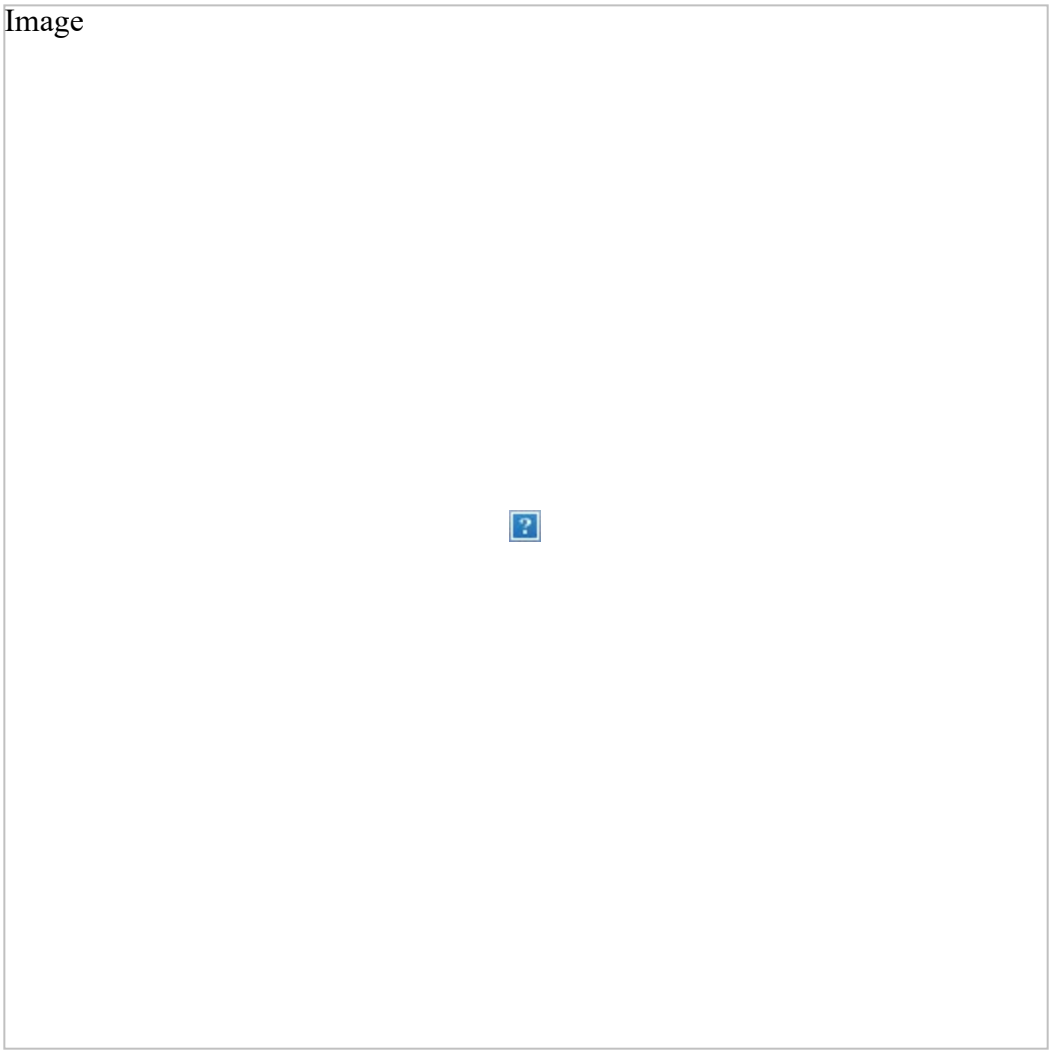


Terrifying tales are not the domain of fiction alone. If you are in search of bone-chilling scares, we recommend you turn to true crime. The key word being true. That's right, no imagination needed. Including stories about such horrific figures as Charles Manson and Ted Bundy, Goodreads compiled a list of the top 10 true-crime books of all time based on the lists, reviews and ratings of their more than 90 million members.

AP

How a Facebook Crime Page Led to Arrest of N.C. Woman in Cold Case Killing of Sister-in-Law

Image



A Facebook page devoted to the murdered, missing or miscreant residents of western North Carolina is being credited with helping authorities bring charges in the 15-year-old cold-case killing of a missing mom of four, allegedly at the hands of her sister-in-law.

The tip that led authorities to a “shallow grave” containing the remains believed to be those of 29-year-old Deborah Elaine Deans “proved to be very accurate and very reliable,” Nash

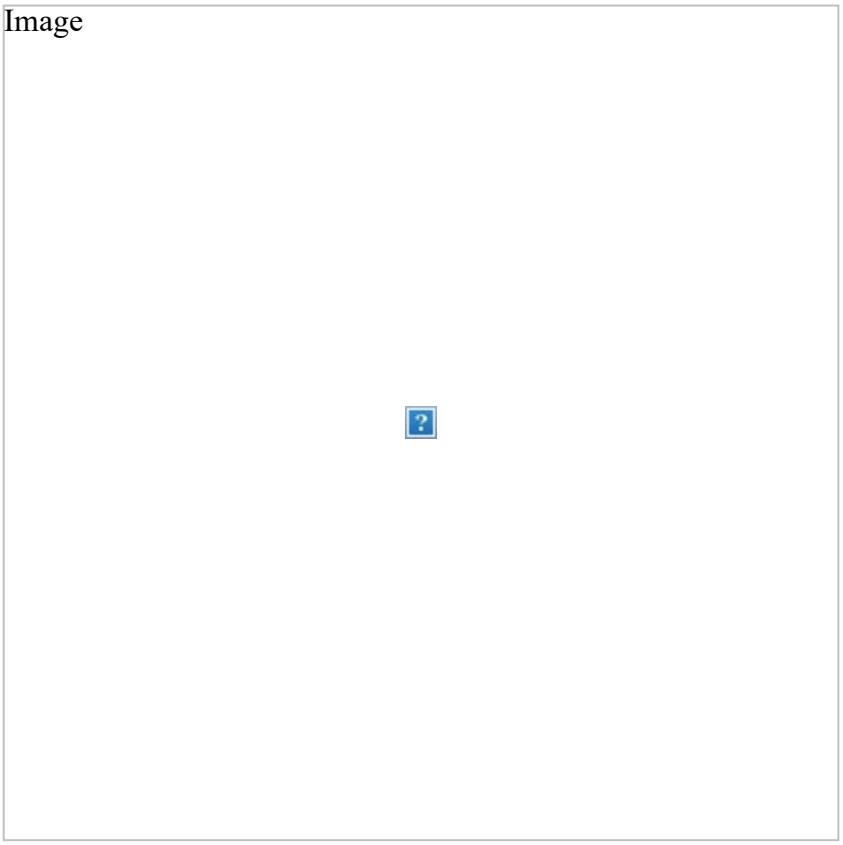
County Sheriff Keith Stone told reporters last week.

But the tipster did not go to police at first.

Instead, the unidentified person sent information about the alleged crime to a woman who created and runs a Facebook page called Fighting Crime News and Who's Wanted, an online outlet whose updates range from wanted posters to promotions of local elections and warnings about traffic tie-ups.

On October 20, a re-post about the unsolved missing-person case of Deans — who was last seen around 9 a.m. on January 19, 2004, at a residence on Wiley Road in Spring Hope — elicited a "very detailed" response that was forwarded to authorities by the Facebook page creator, said Nash.

Google Maps Adds ability to see speed limits and speed traps in 40+ countries

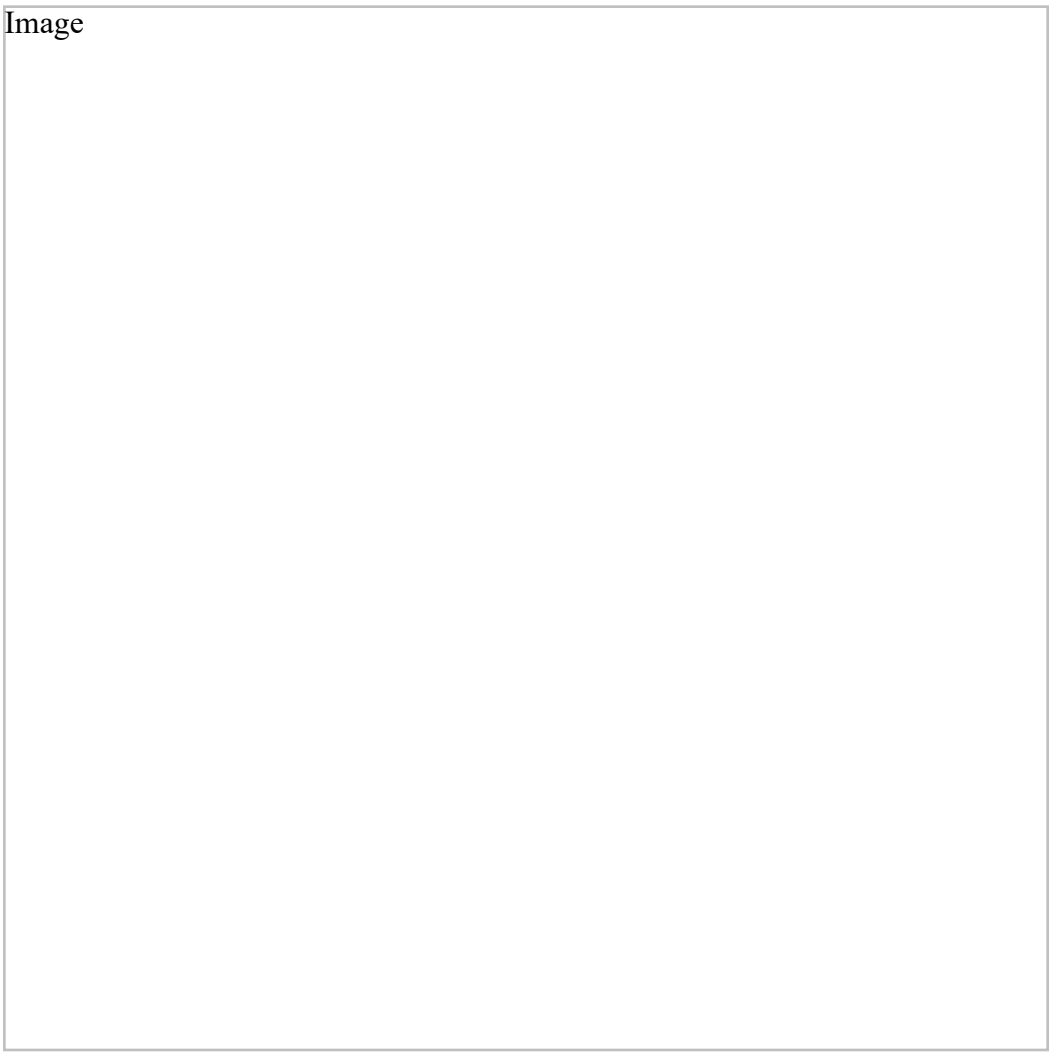


Google Maps is gaining some features previously exclusive to Google's navigation app, Waze. The company confirmed it's rolling out the ability for Google Maps users to see speed limits, speed cameras and mobile speed cameras in more than 40 countries worldwide — an expansion of its earlier launch of these features, which were previously limited to select markets.

The change was noted earlier by ZDNet and, of course, Reddit.

Google confirmed with TechCrunch the full list of supported countries now seeing the speed cameras, which currently includes: Australia, Brazil, U.S., Canada, U.K., India, Mexico, Russia, Japan, Andorra, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, Greece, Hungary, Iceland, Israel, Italy, Jordan, Kuwait, Latvia, Lithuania, Malta, Morocco, Namibia, Netherlands, Norway, Oman, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, South Africa, Spain, Sweden, Tunisia, and Zimbabwe.

The Ethics Board of One of the Largest Vendors of Police Tech (Axon) Makes the Case Against ALPRs



Automated License Plate Readers (ALPRs)—a mass surveillance technology that allows law enforcement to record the location and travel patterns of nearly every driver on the road—are poorly regulated, threaten privacy, and worsen the racial and economic inequalities already ingrained in our justice system.

That's what EFF and other advocates have been saying for years. But now it's coming from an oversight body formed by one of the nation's largest police tech vendors.

Last week, the AI and Policing Technology Ethics Board at Axon, a tech company best known for popularizing body-worn cameras and the Taser, released a damning report concerning the commercial sale of ALPRs. The board, whose purpose is to "help guide and advise the company on ethical issues," concluded that while it sees the potential value of ALPRs, their current role in society is too broad and problematic. The sheer

amount of information that ALPRs gather and store was also a concern for the ethics board—particularly when privately collected data is often for sale to whoever wants to buy it.

ALPR systems include cameras that can be mounted on vehicles like police patrol cars or private tow trucks, or on stationary locations such as streetlights or overpasses. These cameras capture every license plate that passes and index them based on time, date, and location. A police officer can search ALPR databases to learn where a vehicle was in the past or even get real-time alerts when a driver passes by an ALPR camera. Research by EFF, MuckRock, and others have found that even small police departments are able to collect millions of plate scans a year, and often agencies are sharing this data with hundreds of other agencies across the country. Private companies also use ALPR and sell their data to police, financial lenders, insurance companies, private investigators, and debt collectors.

Amazon's Ring is 'the Neighborhood Watch of 2020,' police say as doorbell cams proliferate

Image

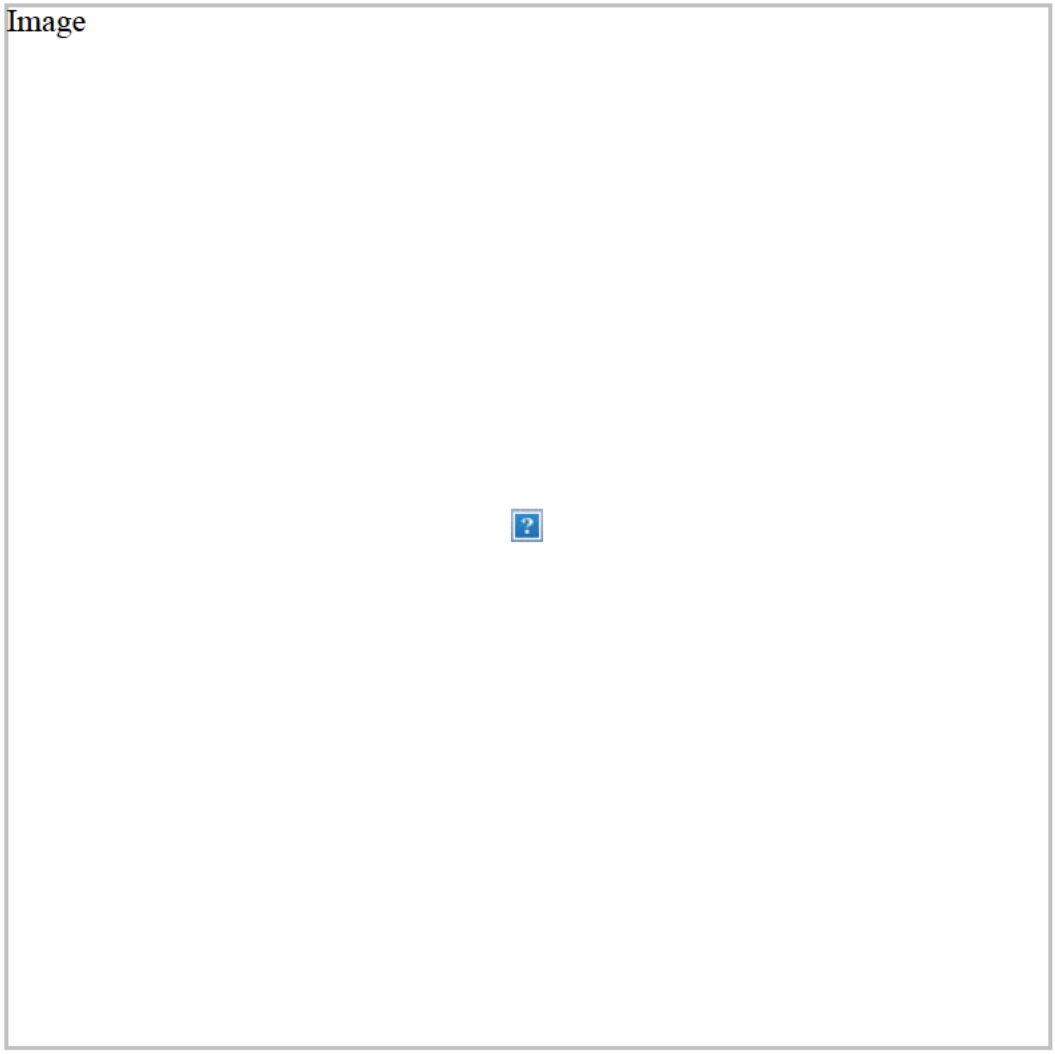
That’s all it took Livonia Police to arrest a man, who hours earlier was caught on video posted on Ring’s Neighbors app rummaging through the bed of a pickup parked in a driveway.

Detectives quickly recognized 60-year-old Jeffrey Couch when they saw the video posted by an app user in mid-August. Within a week, he pleaded no contest in court to two attempted larceny charges and was sentenced to 30 days in jail.

“I truly believe this is the Neighborhood Watch of 2020,” said Livonia Police Capt. Ronald Taig, whose force was one of the first law enforcement agencies in Michigan — and is one of more than 400 across the country — to partner with the Ring Neighbors app, owned by Amazon.

How the deadly drug fentanyl

is making its way to the US



Trump administration officials are divided over part of a proposal to crack down on illicit versions of fentanyl, the deadly synthetic painkiller that President Donald Trump targeted in declaring a national opioid abuse emergency.

In an inter-agency dispute that highlights the challenges of curbing opioid abuse, the US Drug Enforcement Administration (DEA) is publicly backing tighter rules for fentanyl analogs, which are slightly altered copycat versions of the powerful drug fueling an explosion in overdoses.

In this case, the bill would cut the Food and Drug Administration out of the time-consuming review process by letting the DEA permanently classify illicit fentanyl analogs as Schedule I drugs, like heroin, which are deemed to be addictive with no medical use.

The DEA says these legal changes would help prosecutors keep pace with criminals who constantly churn out chemically tweaked fentanyl analogs to evade strict Schedule I regulations.

Of 70,200 US drug overdose deaths in 2017, according to the CDC, about 41% involved synthetic opioids, such as fentanyl and illicit analogs of it. Most of them are made in China.

Fentanyl, some versions of which are approved to treat cancer pain, is 100 times more potent than morphine.

Trump Orders Study of Root Causes of Crime, Policing Practices

Image

President Trump on Monday ordered Attorney General William Barr to establish a new commission to study crime and law enforcement with the goal of recommending “actions that can be taken to prevent, reduce, and control crime, increase respect for the law, and assist victims.”

Following remarks in Chicago at the annual International Association of Chiefs of Police conference, the president signed an executive order establishing the Commission on Law Enforcement and the Administration of Justice. The commission will study the influence of substance abuse, homelessness and mental illness on crime as well as examine best practices to recruit, train and support law enforcement, among other things.

“Rigorous study of crime, including its causal factors, and current law enforcement practices is essential to assessing our current criminal justice system's merits and opportunities for

improvement," the executive order stated. "Public safety and proper policing are issues of both national and local significance that continue to require the close cooperation and coordination between the Department of Justice and state, local, and tribal law enforcement."

Quality Afterschool Programs Proven to Reduce Crime

Image



As a member of your District Attorney's Office for almost 30 years, and your DA for nearly 10, I've learned that the hours after school lets out are the prime time for juvenile crime.

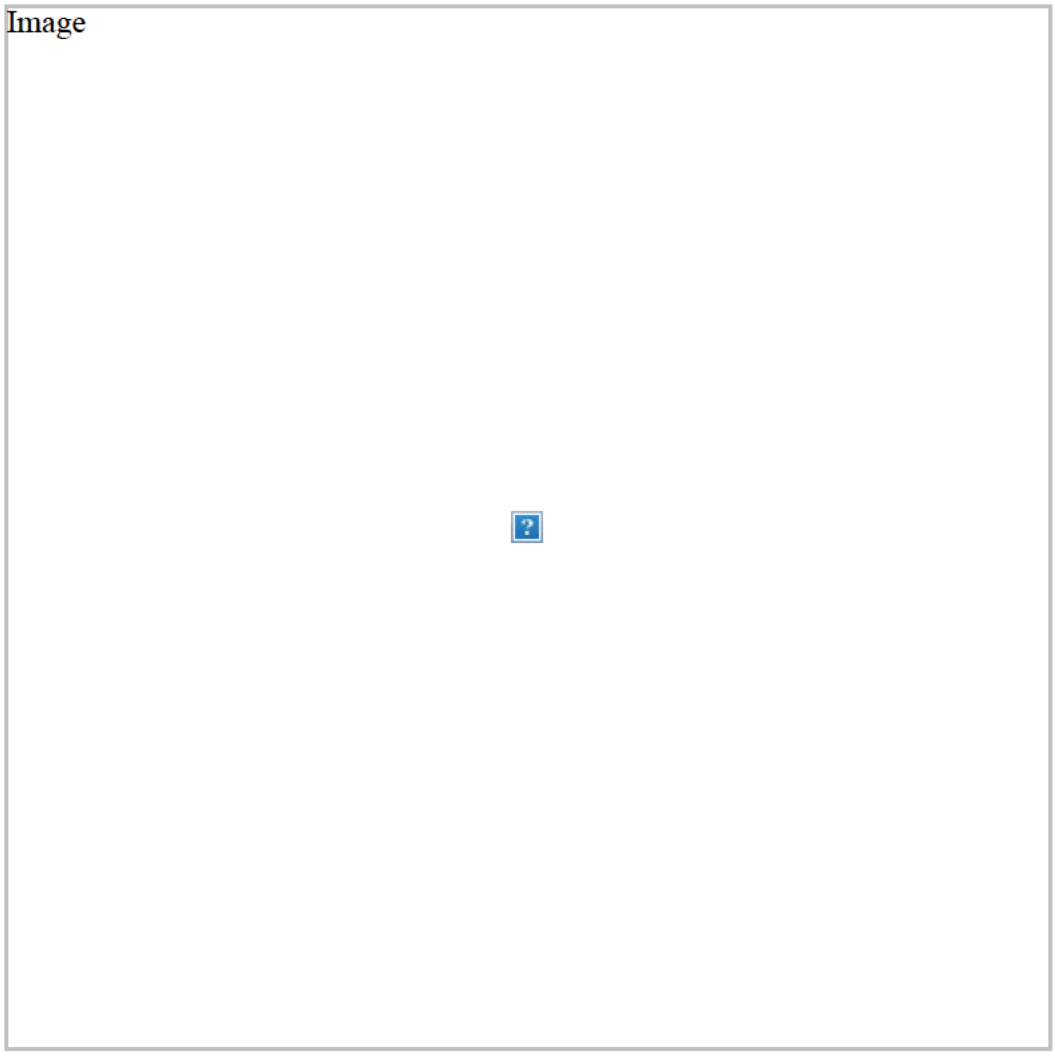
It is between these hours of 2 to 6 p.m. that youth are more likely to be arrested for assault, theft and drug-related crimes.

Quality afterschool programs have been proven to reduce these crimes in our community, keep students engaged, and improve academic performance and student behavior.

A new report from Fight Crime: Invest in Kids shows that when youth have access to high-quality, affordable afterschool programming, they benefit immensely from homework help and outdoor activities, and they're less likely to commit or become victims of crime.

Australia's government is floating an idea to scan internet users' faces before they can watch porn online

Image



Australia's Department of Home Affairs has touted an idea to use facial recognition software in order to verify internet users

ages before they can access pornography or gambling websites.

In its parliamentary submission, the department says that its Document Verification Service and Face Verification Service — though broadly intended to be used as systems for fighting crime and identity theft — could also be used by police for age verification controls.

"This could assist in age verification, for example by preventing a minor from using their parent's driver licence to circumvent age verification controls," the submission states.

"Whilst they are primarily designed to prevent identity crime, Home Affairs would support the increased use of the Document and Face Verification Services across the Australian economy to strengthen age verification processes."

Police turn to hackers in Australia's first crowdsourced attempt to find missing people

Image

For decades the traditional 'missing person' poster has been used to enlist the community's help to find individuals who may be in danger.

But with more than 2,600 Australians now listed as a "long-term" disappearance, the federal police are trying what they hope will be a more successful tactic: turning the search into a game.

More than 350 internet sleuths and "ethical hackers" — hobbyists and professionals — gathered at 10 locations around the country on Friday in a national missing-persons "hackathon".

The aim was to generate leads for 12 of Australia's most frustrating cold cases, using sophisticated but legal methods of trawling the internet.

And organisers said the results were astounding: 100 leads

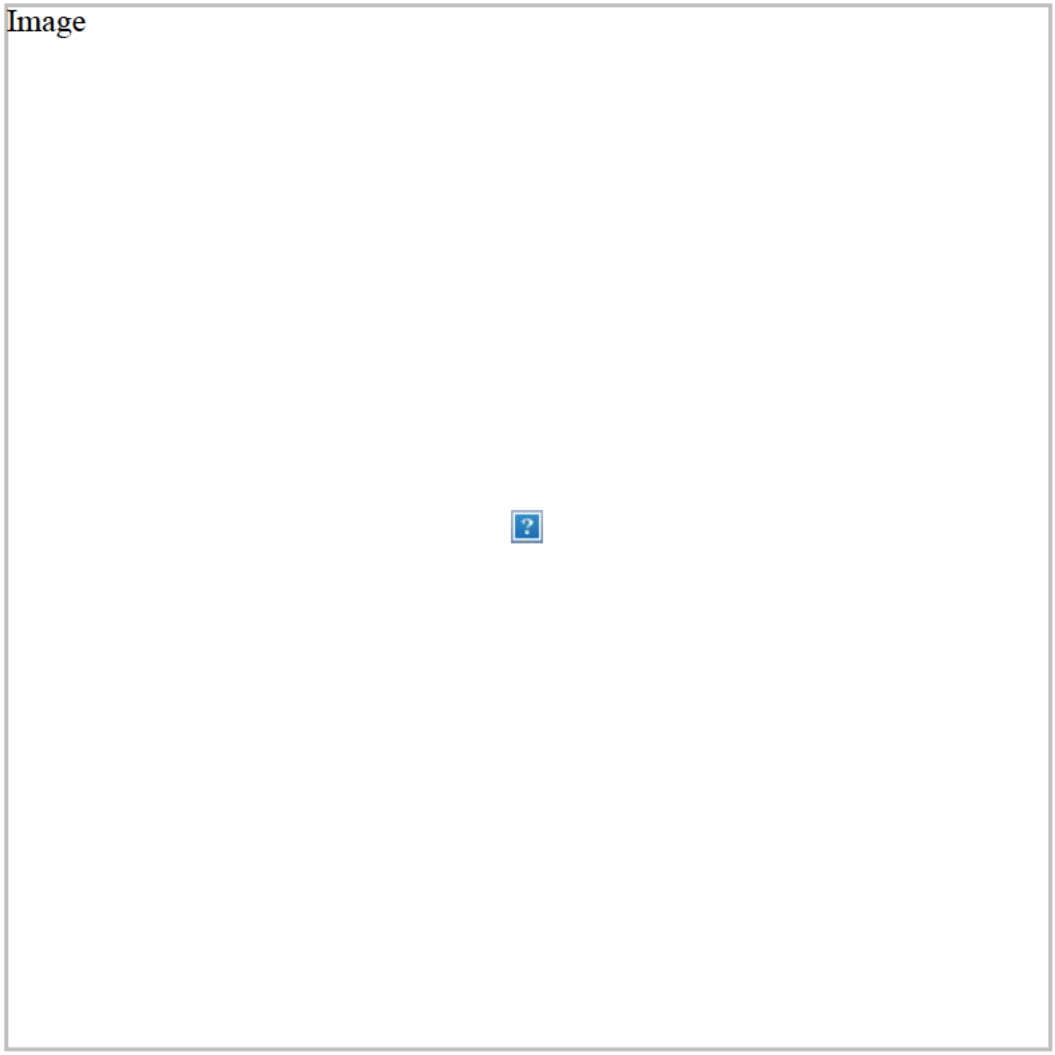
were generated every 10 minutes the competing teams worked.

Police overseas have used crowdsourcing in the past for help with isolated cases, aided by these largely voluntary "open-source intelligence" (OSINT) enthusiasts.

But Linda Cavanagh, of the Canberra Cyber Security Innovation Node, said the Australian event was the first of its kind to be deployed on a national scale.

10 of the Best Tools to Find Relevant Influencers on Social Media

Image



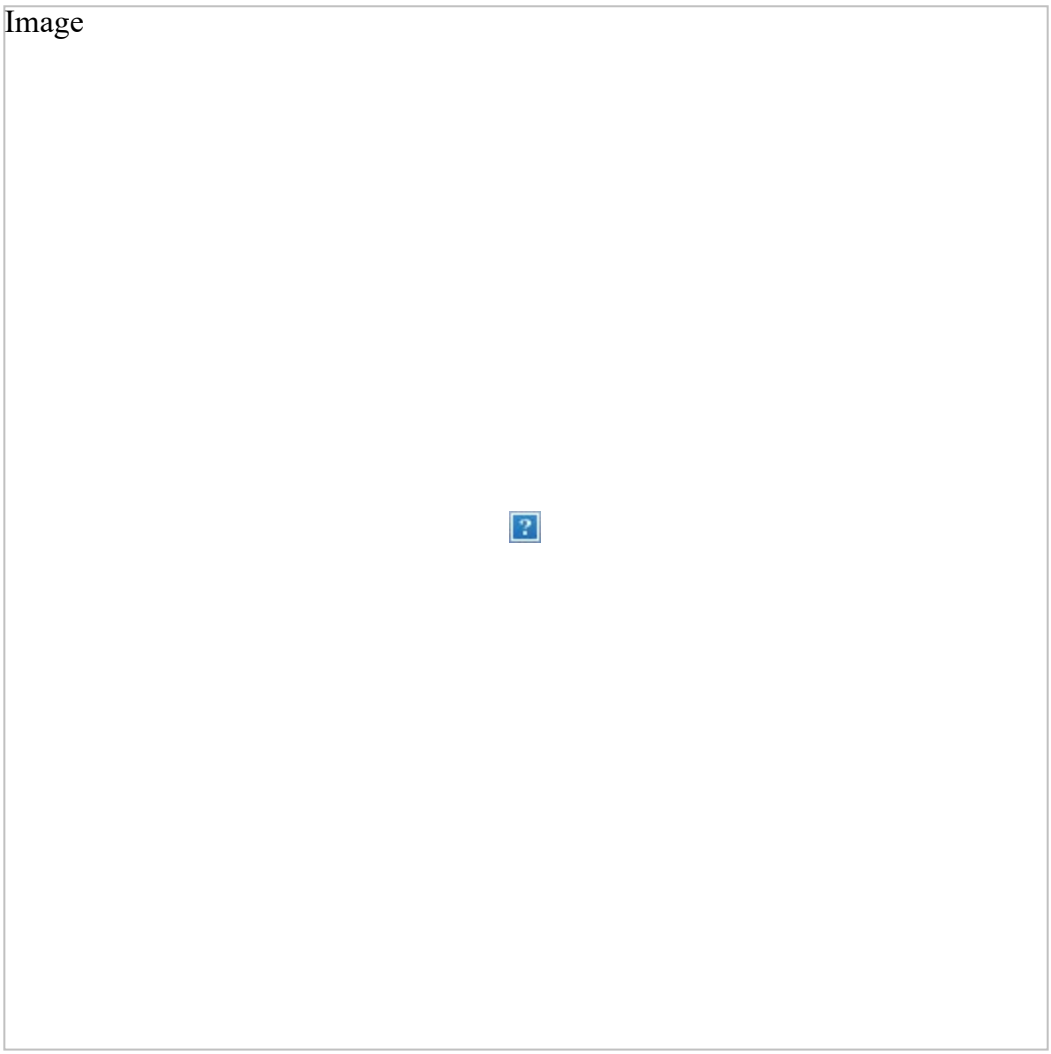
While it's become a much bigger consideration in recent years, influencer marketing, as a practice, has actually existed for a very long time. In the past, however, influencers were only on

TV or in magazines, and unlike social media, TV and newspapers are limited, which led to a situation where a select number of celebrities were able to charge tons of money for making an ad for Pepsi or Swatch in order to influence consumer behavior.

With the birth of social platforms, everything changed. The Internet has no limits, there can be as many influencers as the world requires. They can be of any age and social status, and in any area of expertise (or no area of expertise). And they can work with any brand.

How Your Volunteering Trip Could Contribute To Human Trafficking

Image



The advent of cheap air travel and Instragammable holiday

photos, combined with a longing for meaning, has created a new breed of traveler: the voluntourist. This ever-growing trend describes people, most often young and affluent Westerners, who travel to the global South to help with community projects.

While no doubt sweetly intentioned, there is considerable concern over the fad of “voluntourism” and whether it does more harm than good for the communities in developing countries – especially when it involves children or work at an orphanage. On the surface of the problem, it’s questionable whether treating the developing world as a playground is an effective model to address systemic poverty and care for vulnerable children.

An anthropological study published in the Journal of Sustainable Tourism has shown how volunteer programs can actually contribute towards a superficial understanding of poverty that distracts from the larger systems that produce inequality and poverty. Through a series of in-depth interviews with young people from the US who volunteered in Malawi, they found their volunteer work was often carried out through a colonial and “mythologized” image of a helpless Africa needing the benevolence of the West. The volunteers also viewed African poverty in terms of the “American Dream” and the idea of pulling oneself out of poverty through hard work, as opposed to deep-rooted economic, social, and historical factors at play.

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Each Wednesday, we share with you a few of the articles or intelligence-based publications that have come across our desk. We are exicted to see, each week, Law Enforcement Officers, Analysts and Administrators from around the world reading this.

If you have a publication or an article that you feel needs to be shared, please send these to IntelligenceAnalysis@mac.com for review.

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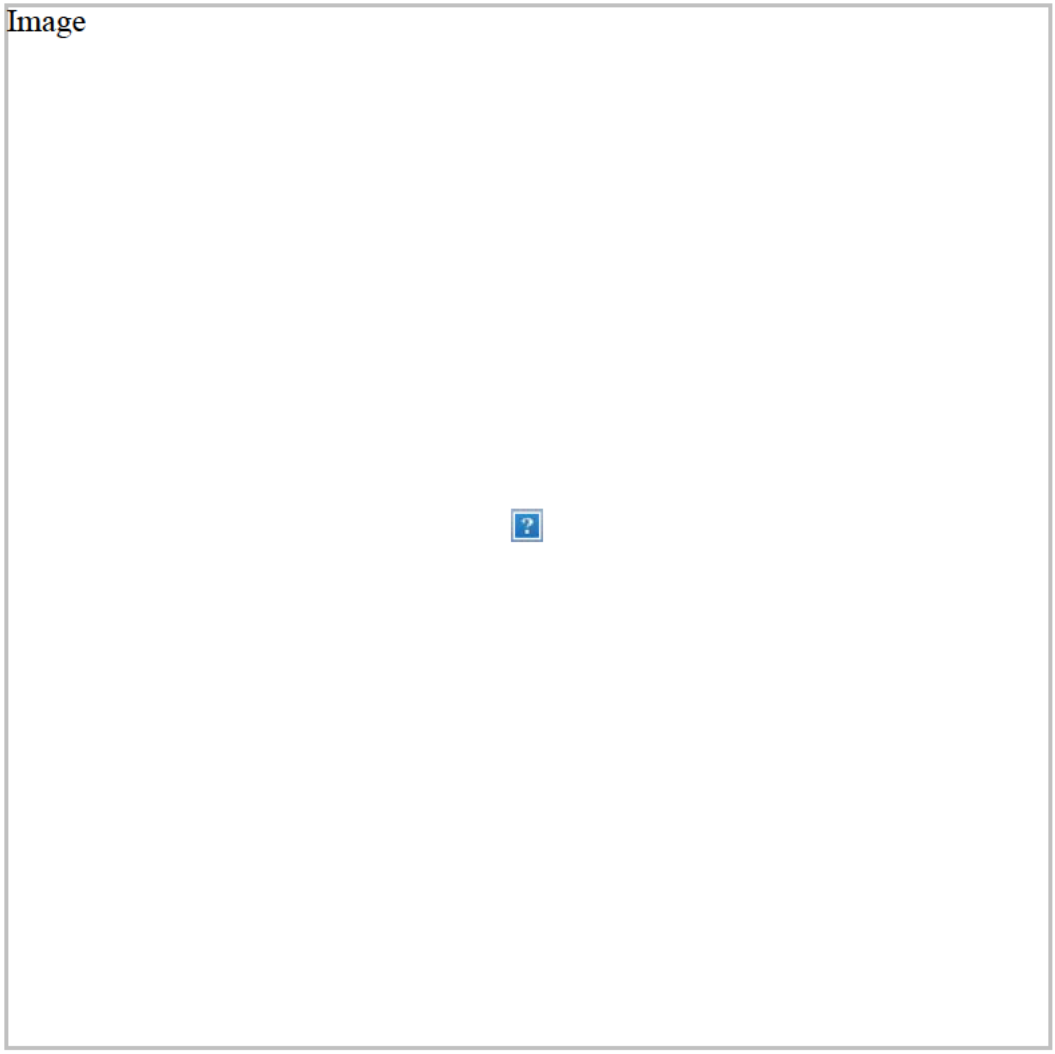
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BAE wins open source intelligence

contract from the Army



The Army has awarded BAE Systems a $437 million task order for open source intelligence support, the company announced Oct. 15 during the 2019 Association of the United States Army conference.

As part of the task order, BAE Systems will provide the Army and Army Intelligence & Security Command (INSCOM) approved partners with open source solutions to publicly available data.

“We’re proud to continue to partner with the U.S. Army and support their critical national security missions with this new capability,” Peder Jungck, vice president and general manager of BAE Systems’ intelligence solutions business.

The company won the initial award of the five-year task order

and began ramping up in August, Jungck said. The task order is an extension of projects the company has been doing for the Army, but this is the first time the work been consolidated and awarded as a larger contract, he explained.

“If you look at contracts in general around OSINT there’s been kind of small ones, there’s been lots of pilots out of agencies and even within the Army and throughout INSCOM there were different kind of brigades and battalions that had their own set of tools," he said. "This is one of the first of the really large OSINT and AI consolidation contracts. I don’t think anybody’s really had a large one like this.”

Calif. police stand by cop after video released in 2017 OIS of murder suspect

Image



FRESNO, Calif. — Community activists are expressing outrage

after seeing video footage that shows a Fresno police sergeant fatally shooting an unarmed 16-year-old boy as he fled during a foot pursuit.

Meanwhile, the local police union and supporters of law enforcement have stepped up in support of the sergeant, saying he acted within guidelines while pursuing a murder suspect.

The footage shows Sgt. Ray Villalvazo firing a single shot into the back of Isiah Murrietta-Golding's head, according to a lawsuit filed on behalf of the teen's family.

The video was captured on a surveillance camera at a daycare facility on April 14, 2017, and was released by attorney Stuart Chandler, who's representing the family of Murrietta-Golding. The boy's family alleges the sergeant used excessive and unlawful deadly force, and committed assault and battery with negligence.

Additionally, in footage released from a police officer's body camera, one officer is heard shouting "good shot" as officers handcuff and search the already prone Murrietta-Golding.

Asia has an organized-crime problem. Canada is well placed to help

Image

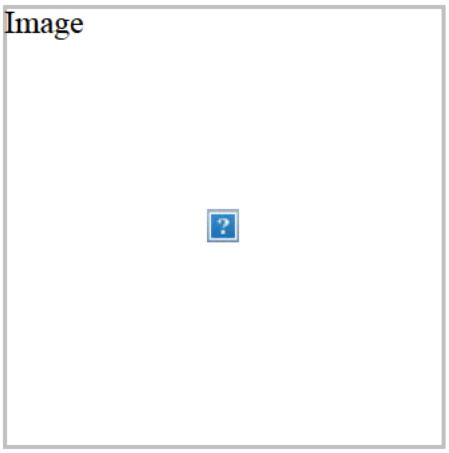
Jeremy Douglas is the regional representative for the United Nations Office on Drugs and Crime (UNODC) for Southeast Asia and the Pacific and a former UNODC representative for Pakistan. The opinions expressed in this commentary are his.

More than a few eyebrows went up last week when Tse Chi Lop – a 55-year-old Canadian man – was accused of being arguably the biggest drug trafficker in the history of Asia.

Mr. Tse is suspected – by police in Myanmar, Australia and Taiwan, and by the United Nations Office on Drugs and Crime (UNODC) – of being the leader of Sam Gor, or Brother Number Three, a supersyndicate largely responsible for the dramatic shift in recent years in organized crime away from drugs such as heroin and toward synthetics, such as methamphetamine, ketamine and fentanyl. It's a shift that has been driven by control and profit, since synthetics offer many advantages to criminal organizations: Labs can be quickly set up or moved;

they are not subject to external conditions such as climate, nor do they require large work forces; and production can be rapidly scaled up to drive the market. Put these things together and it means the disruption of the traditional drug business and the heavily concentrated profits that come with it.

Florida Senator Rick Scott Announces Legislation To Address 'FBI Failures' Regarding Parkland Shooting



MIAMI (CBSMiami) – Florida Senator Rick Scott announced legislation Thursday to hold the Federal Bureau of Investigations accountable for its 'failures to address critical deficiencies in its handling of actionable intelligence' in regards to the mass shooting at Marjory Stoneman Douglas High School in 2018.

The 'Threat Information Protocol for Sharing (TIPS) Act' is supported by Stand with Parkland, an organization founded by the family members of the victims of the Parkland shooting.

"Not a day goes by that I don't think about the 17 souls that were taken from us in a brutal act of violence at Marjory Stoneman Douglas High School. Following the tragedy, we all worked together to pass the Marjory Stoneman Douglas High School Public Safety Act to make our schools safer and prevent future tragedies, but we aren't finished. We cannot accept the repeated failures of the FBI to properly investigate and act on specific tips received about the Parkland shooter, as well as other perpetrators of mass violence in Florida. I'm

proud to stand with the family members of the victims to announce the TIPS Act, which bridges the gap between federal and state law enforcement agencies by mandating information sharing of all state-specific criminal intelligence tips. This is about getting information on threats into the hands of the right people, who can ultimately prevent violence and protect our families," Scott said.

Majority of Mexicans Say Organized Crime Stronger than Government after El Chapo's Son Released

Image



A majority of Mexicans see organized crime as more powerful than the Mexican government after government forces capitulated to drug-cartel strongmen and released the son of

the former cartel leader Joaquín Guzmán, known as “El Chapo.”

About 56 percent of Mexicans say they believe organized crime is stronger, while only 33 percent say the government is stronger, according to a poll by the Mexican newspaper Reforma.

Mexican authorities were forced on Thursday to release Ovidio Guzmán López, El Chapo’s son, shortly after capturing him, when the Sinaloa cartel laid siege to the city of Culiacán and surrounded Mexican troops, taking eight soldiers hostage. Officials said at least 14 people died during the clashes between cartel members and Mexican soldiers.

49 percent of respondents in the Reforma poll disagreed with the decision to release López, while 45 percent said they supported it. Residents of Culiacán expressed relief that the government had surrendered, saying the decision prevented further violence.

Mexican lawmen get FBI training to combat organized crime, terrorism

Image

JUAREZ, Mexico — Three Chihuahua state lawmen recently completed intelligence and intervention training courses sponsored by the FBI, according to the State Security Commission.

Alvaro Serrano Escobedo, the commission's operations director, received training on anti-terrorism, intelligence gathering, leadership and the combat of organized crime at FBI headquarters in Quantico, Virginia. The training is part of the FBI's Mexican Law Enforcement Executive Development (MEXLEED) program, the commission said in a news release.

Ginés Jaime Ruiz García, first officer of the Chihuahua State Police, and Jesús Alejandro Cruz Rangel, who heads rural operations for the agency, attended the FBI's Mexican American Liaison and Law Enforcement Training (MALLET) program in South Padre Island, Texas, the commission said.

The three lawmen were among 30 duly vetted Mexican officials chosen by the FBI for training this year, the commission said.

63 accused drug dealers plead guilty in heroin, fentanyl and cocaine trafficking rings

Image



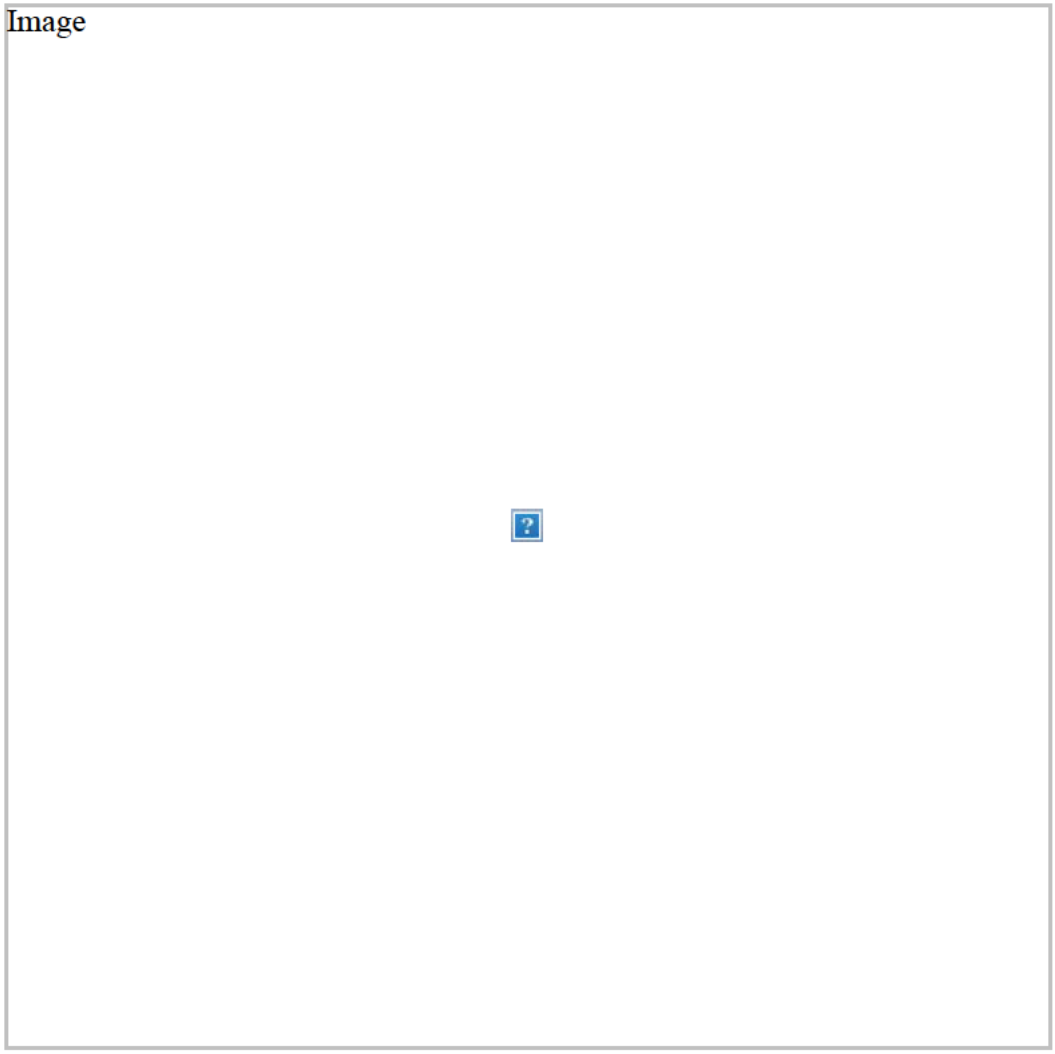
SYRACUSE — New York State Attorney General Letitia James has announced the guilty pleas of 63 people for their roles in two major narcotics trafficking operations that transported heroin, fentanyl, and cocaine to Onondaga, St. Lawrence, Oswego, Oneida, and Jefferson counties.

The investigation resulted in the recovery of approximately 4,700 bags of heroin and fentanyl, worth approximately $140,000, and approximately 2 kilograms of cocaine, worth more than $200,000, according to a news release from the Attorney General's office.

“These individuals flooded our communities with dangerous drugs that are putting New Yorkers at great risk,” said Attorney General Letitia James in the news release.

House bill would give border agents tool to detect synthetic opioids

Image



A bill that would give U.S. Customs and Border Protection (CBP) agents the equipment to detect synthetic opioids has been introduced in the U.S. House.

The DHS Opioid Detection Resilience Act of 2019 requires the Commissioner of CBP to procure chemical screening devices that allow border patrol agents to identify narcotics, including synthetic opioids, with purity levels of less than 10 percent. A

2018 study by the Drug Enforcement Administration (DEA) found that most fentanyl seized at the southwest border tends to be less than 10 percent pure. These changes would fill the gap that currently exists in identifying these synthetic opioids.

“Stopping the flow of illegal drugs across our southern border and at ports of entry is a top priority for our CBP law enforcement officers. This includes fentanyl and other synthetic opioids that can be difficult to detect. Our legislation ensures that DHS has the necessary equipment to detect synthetic opioids and the ability to adapt as smuggling methods evolve. We want to prevent this poison from ever reaching American communities, and our bill helps law enforcement carry out that mission,” Rep. Clay Higgins (R-LA), the bill’s sponsor, said.

Teens brawl with police in Brooklyn subway station

Image

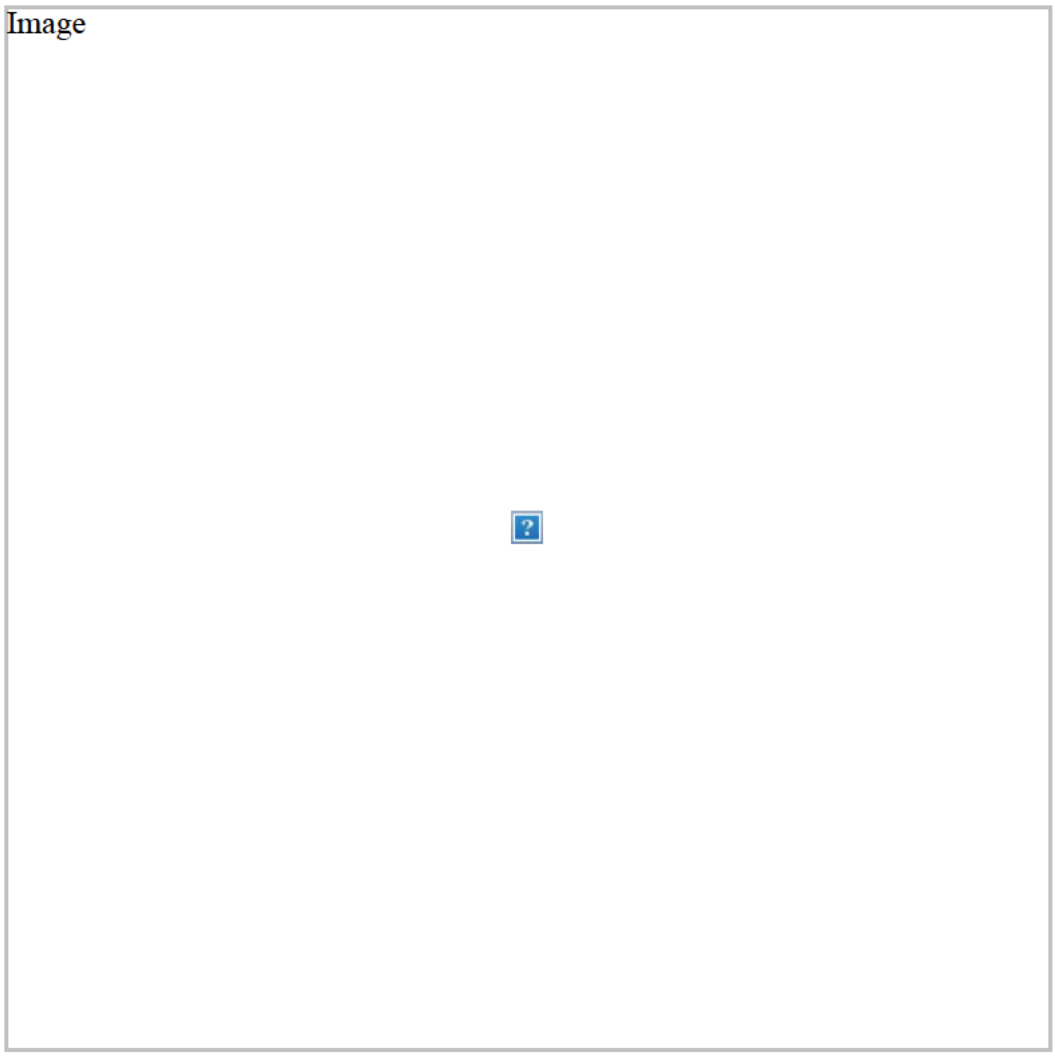
BROOKLYN, N.Y. – A video showing members of the NYPD trying to break up a fight and instead ending up in an all-out brawl with a mob of New Yorkers has gone viral… and media outlets were quick to condemn the cops who were involved.

The Post said that the incident unfolded on Saturday morning around 2:30 a.m. as officers responded to the scene of a fight on the platform of a subway station. The fights had originally began up on Jay Street between two groups of people before the violence spilled down into the station.

Cell phone video captured at the scene shows officers rush into the area and try to pull the brawling teens apart, attempting to put one of the suspects in handcuffs. Other individuals on the outside of the skirmish appear to be pulling the officers away.

The heartbreaking final text this human trafficking victim sent before dying in UK truck

Image



A 26-year-old Vietnamese woman texted her mom frantically that she was suffocating in the truck in which the bodies of 39 people were found in England — and apologized that her journey to a better life ended tragically, according to a report.

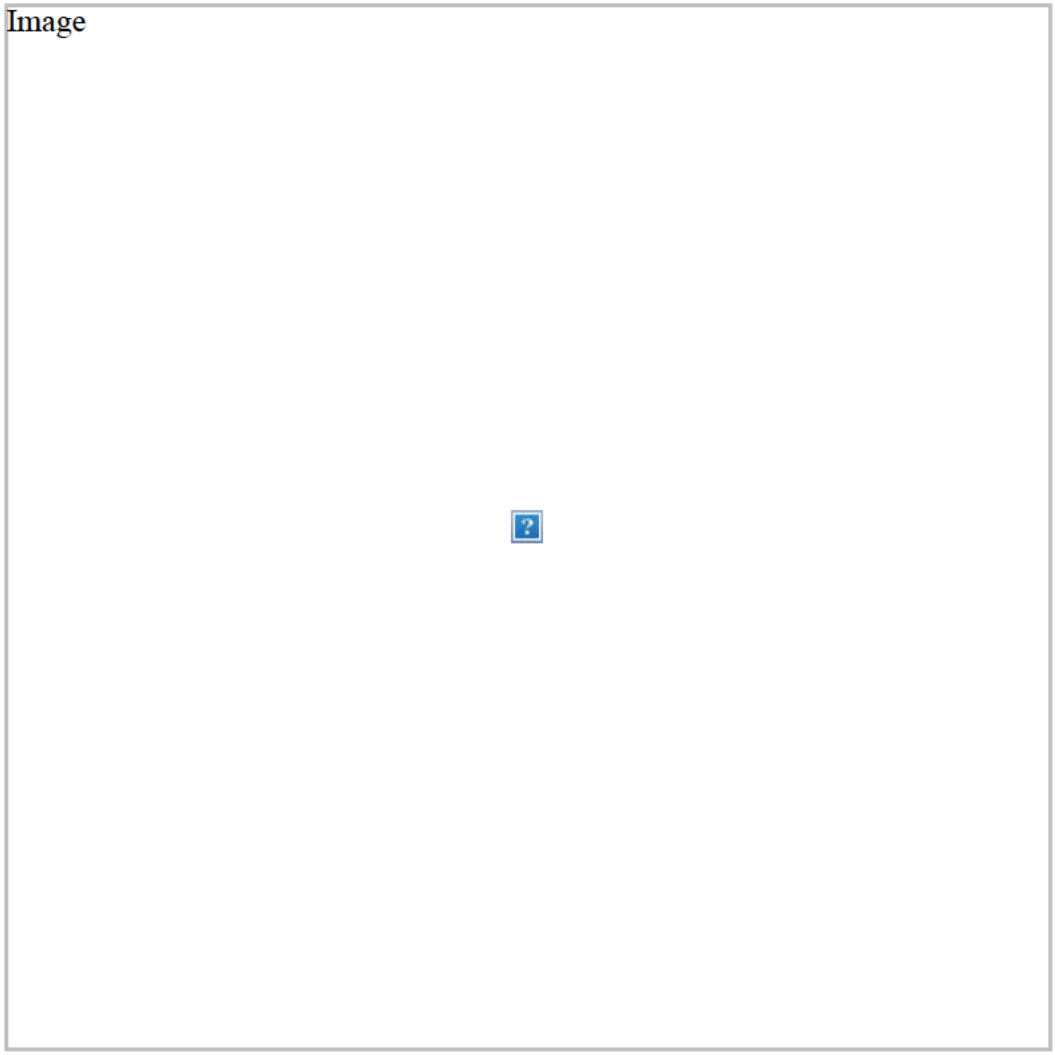
“I’m sorry Mom, my path to abroad didn’t succeed,” Pham Thi Tra My wrote in a series of messages about 10:30 p.m. Tuesday, according to the Mirror.

“Mom, I love you and Dad so much! I’m dying because I can’t breathe,” she added.

News about the young woman’s final moments emerged as two more people were arrested after eight women and 31 men were found dead Wednesday in a case that has shocked

Britain and made headlines around the world.

Labor Trafficking Is A Crime You Probably Don't Notice



It has been more than four years since Catherine Piedad called 911 from a $1.7 million home in Newton.

In 2015, she worked long hours to care for a Russian family's young twins. Her passport was taken, and she slept in a small room with little light and nowhere to store her clothes. When she asked to be paid, her employer threatened to send her back to the Philippines. She feared deportation and did not know who to trust.

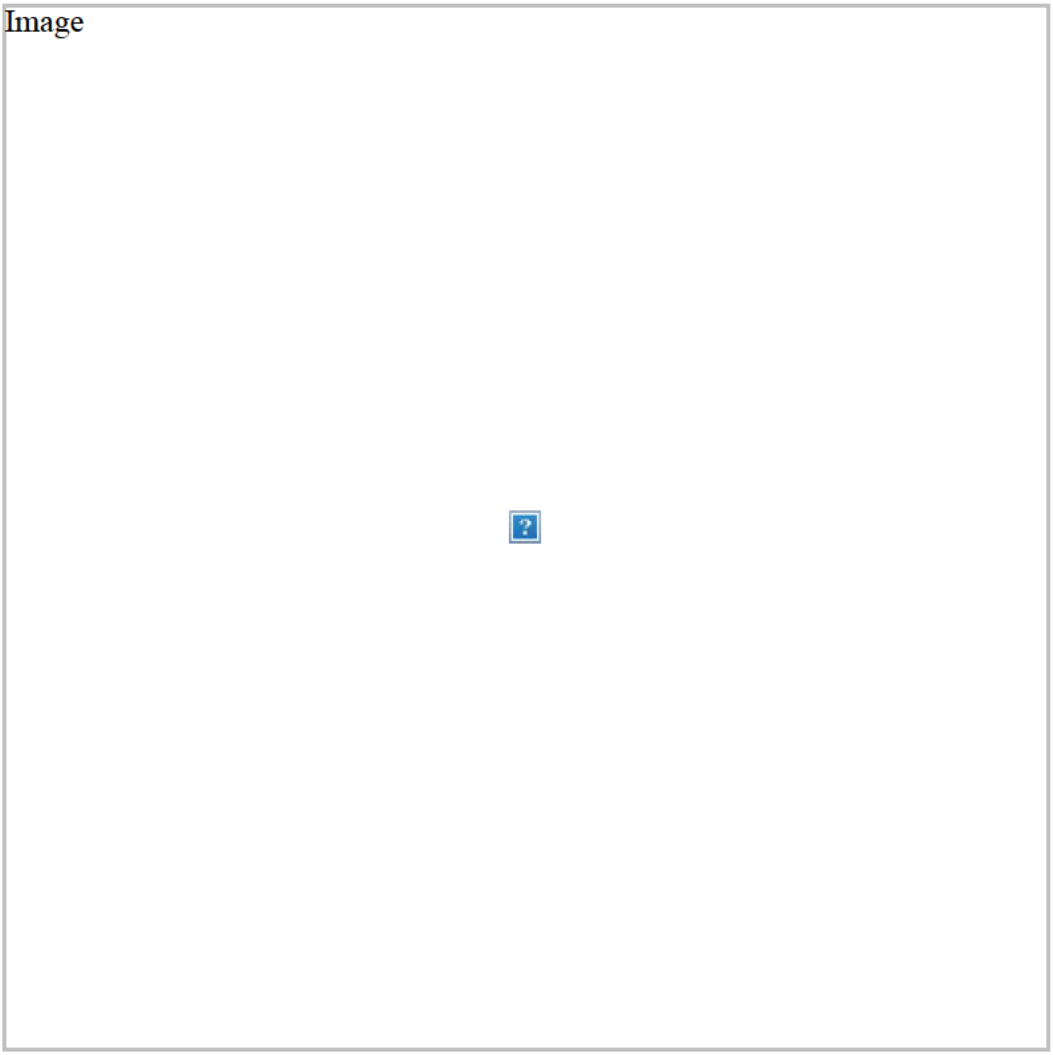
Despite her fear, she called 911. Law enforcement helped her

to leave the family's home but did little else. They did not see her case as "labor trafficking." Instead, the incident was labeled a "labor dispute." Piedad struggled to access her rights — despite the robust federal and state laws designed to protect her.

You've probably heard of sex trafficking, which often involves perpetrators who force, trick or coerce victims into sexual servitude. Although difficult to see, sex trafficking is often visible to law enforcement through the internet: perpetrators sometimes leave a footprint online, which can provide a critical entry point for criminal investigations.

The Mafia's history in Las Vegas: From Bugsy Siegel to Anthony Spilotro

Image



Benjamin "Bugsy" Siegel had been at the helm of the Flamingo

for only six months in June 1947 when he was killed in a hail of gunfire at his girlfriend's Beverly Hills, Calif., home.

But his vision for the Flamingo, the first resort-style hotel on the Strip, was the beginning of a 50-year relationship between Las Vegas and traditional organized crime that helped define "Sin City"and turn it into one of the world's top tourist destinations.

"The general perception on the part of the public is that Las Vegas and the mob have been inextricably linked, and I don't think it will ever be extricated," former longtime state archivist Guy Rocha says.

Groundbreaking books such as "The Green Felt Jungle" in 1963, which revealed the mob's early grip on the city, and popular movies such as "The Godfather" in 1972 and "Casino" in 1995 enhanced this perception through the years.

So did the buzz on the Strip over the Rat Pack, led by headliner Frank Sinatra and his associations with high-profile underworld figures.

New Bill To Bring Illegal Gambling In California Closer To An End

Image

Gambling in the US, as well as in the whole world, is one of the most entertaining and lucrative endeavors. Not only does it provide fun and joy to the players, but it also offers an opportunity to make a fortune.

The gambling operators all around the world are doing everything they can to attract new customers. From online free spins for Australians to no deposit bonuses and other promotions in other countries, casino operators are full of such impressive offers.

However, the industry isn't just this fairy-tale source of joy and money. It also has its drawbacks. With problem gambling, organized crime, and money laundering prospects, gambling has long been considered threatening to society.

That's the reason why the US government, alongside other governments worldwide, have been eager to put the industry

under the limitations and protect the interests of their citizens. With the regulatory restrictions and measures, the government officials have deemed ill-gotten gains illegal and contributed to ending gambling-related crime.

Best true-crime books of all time

Image

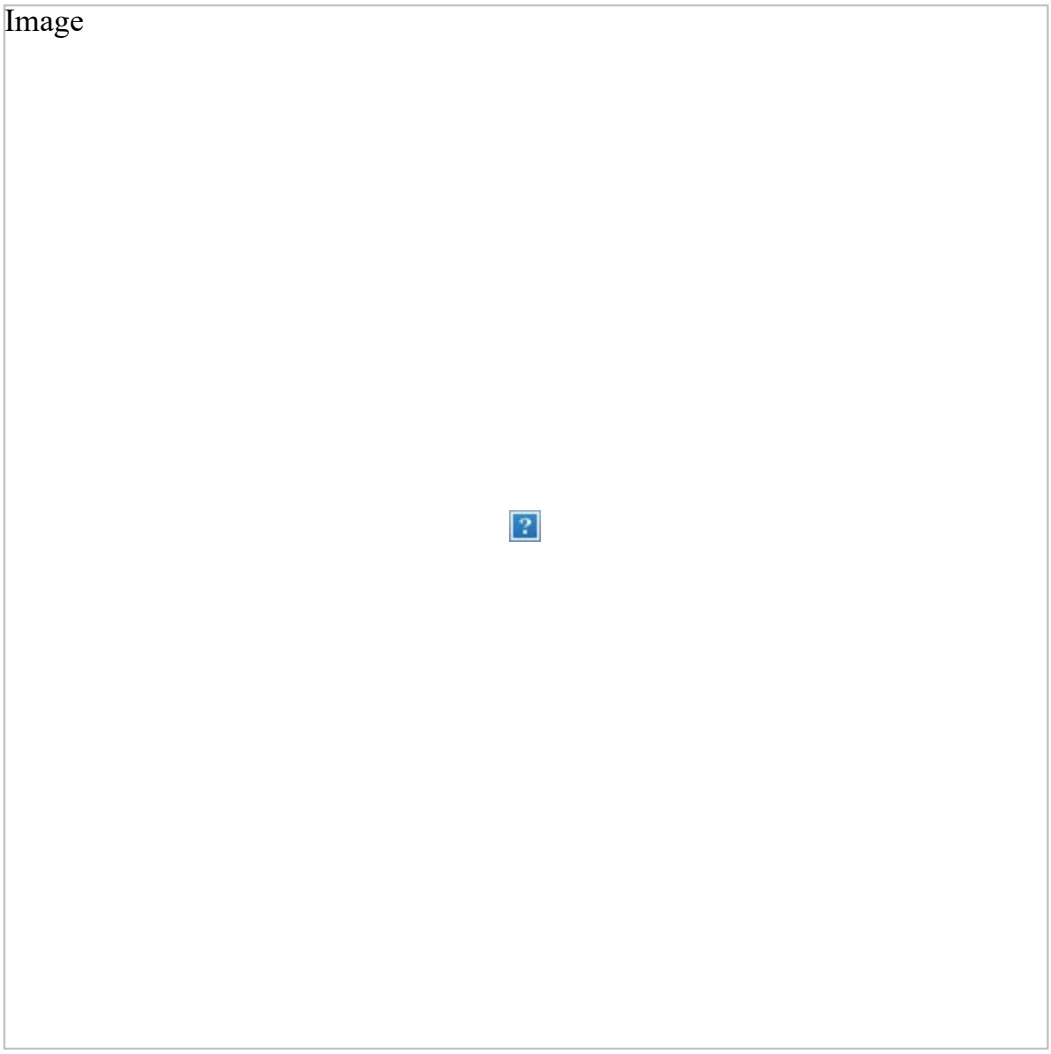


Terrifying tales are not the domain of fiction alone. If you are in search of bone-chilling scares, we recommend you turn to true crime. The key word being true. That's right, no imagination needed. Including stories about such horrific figures as Charles Manson and Ted Bundy, Goodreads compiled a list of the top 10 true-crime books of all time based on the lists, reviews and ratings of their more than 90 million members.

AP

How a Facebook Crime Page Led to Arrest of N.C. Woman in Cold Case Killing of Sister-in-Law

Image



A Facebook page devoted to the murdered, missing or miscreant residents of western North Carolina is being credited with helping authorities bring charges in the 15-year-old cold-case killing of a missing mom of four, allegedly at the hands of her sister-in-law.

The tip that led authorities to a “shallow grave” containing the remains believed to be those of 29-year-old Deborah Elaine Deans “proved to be very accurate and very reliable,” Nash

County Sheriff Keith Stone told reporters last week.

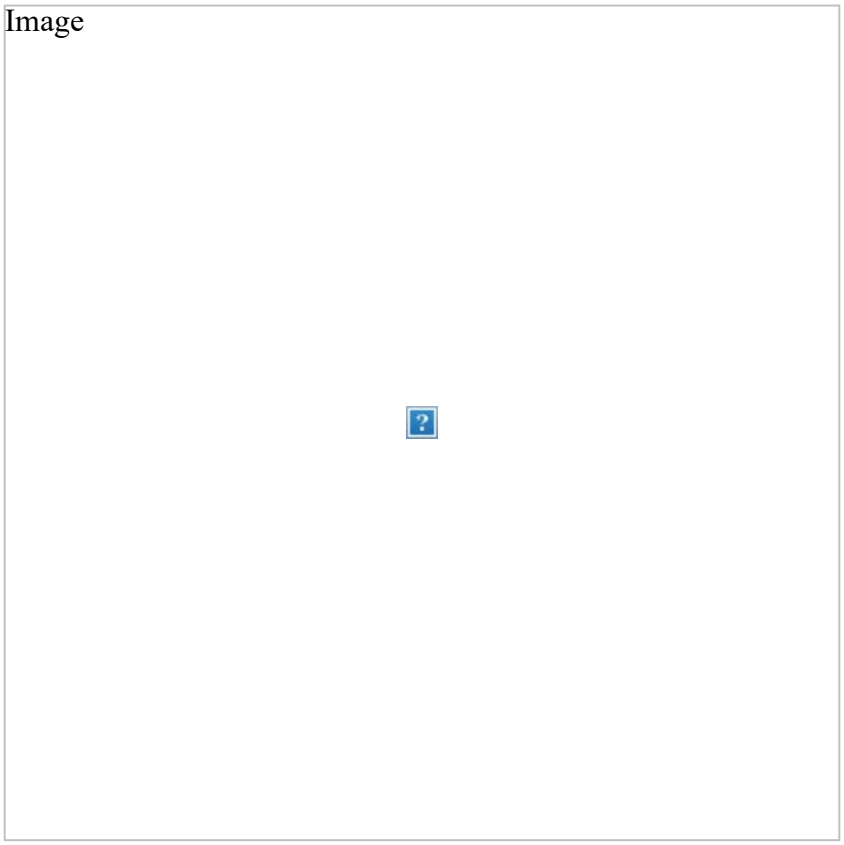
But the tipster did not go to police at first.

Instead, the unidentified person sent information about the alleged crime to a woman who created and runs a Facebook page called Fighting Crime News and Who's Wanted, an online outlet whose updates range from wanted posters to promotions of local elections and warnings about traffic tie-ups.

On October 20, a re-post about the unsolved missing-person case of Deans — who was last seen around 9 a.m. on January 19, 2004, at a residence on Wiley Road in Spring Hope — elicited a "very detailed" response that was forwarded to authorities by the Facebook page creator, said Nash.

Google Maps Adds ability to see speed limits and speed traps in 40+ countries

Image

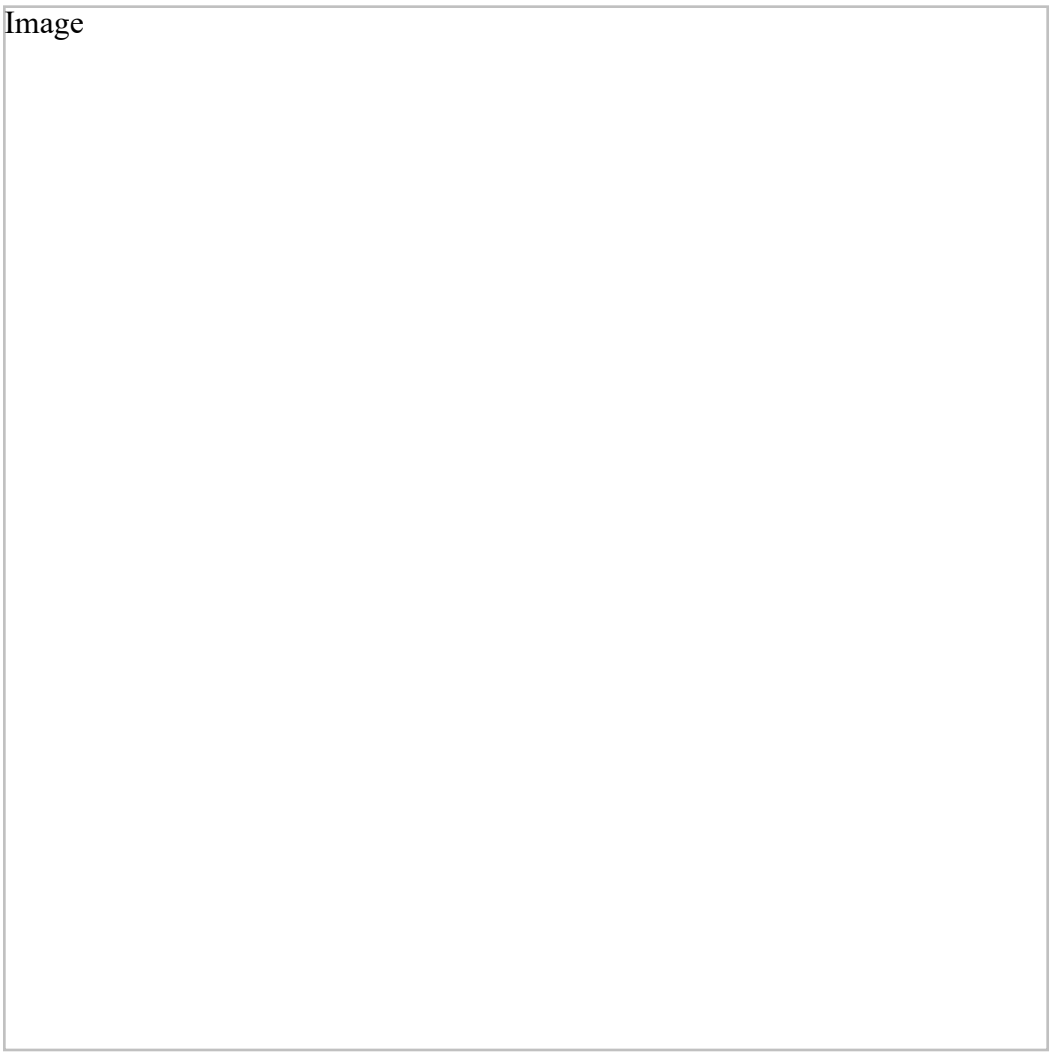


Google Maps is gaining some features previously exclusive to Google's navigation app, Waze. The company confirmed it's rolling out the ability for Google Maps users to see speed limits, speed cameras and mobile speed cameras in more than 40 countries worldwide — an expansion of its earlier launch of these features, which were previously limited to select markets.

The change was noted earlier by ZDNet and, of course, Reddit.

Google confirmed with TechCrunch the full list of supported countries now seeing the speed cameras, which currently includes: Australia, Brazil, U.S., Canada, U.K., India, Mexico, Russia, Japan, Andorra, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, Greece, Hungary, Iceland, Israel, Italy, Jordan, Kuwait, Latvia, Lithuania, Malta, Morocco, Namibia, Netherlands, Norway, Oman, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, South Africa, Spain, Sweden, Tunisia, and Zimbabwe.

The Ethics Board of One of the Largest Vendors of Police Tech (Axon) Makes the Case Against ALPRs



Automated License Plate Readers (ALPRs)—a mass surveillance technology that allows law enforcement to record the location and travel patterns of nearly every driver on the road—are poorly regulated, threaten privacy, and worsen the racial and economic inequalities already ingrained in our justice system.

That's what EFF and other advocates have been saying for years. But now it's coming from an oversight body formed by one of the nation's largest police tech vendors.

Last week, the AI and Policing Technology Ethics Board at Axon, a tech company best known for popularizing body-worn cameras and the Taser, released a damning report concerning the commercial sale of ALPRs. The board, whose purpose is to "help guide and advise the company on ethical issues," concluded that while it sees the potential value of ALPRs, their current role in society is too broad and problematic. The sheer

amount of information that ALPRs gather and store was also a concern for the ethics board—particularly when privately collected data is often for sale to whoever wants to buy it.

ALPR systems include cameras that can be mounted on vehicles like police patrol cars or private tow trucks, or on stationary locations such as streetlights or overpasses. These cameras capture every license plate that passes and index them based on time, date, and location. A police officer can search ALPR databases to learn where a vehicle was in the past or even get real-time alerts when a driver passes by an ALPR camera. Research by EFF, MuckRock, and others have found that even small police departments are able to collect millions of plate scans a year, and often agencies are sharing this data with hundreds of other agencies across the country. Private companies also use ALPR and sell their data to police, financial lenders, insurance companies, private investigators, and debt collectors.

Amazon's Ring is 'the Neighborhood Watch of 2020,' police say as doorbell cams proliferate

Image

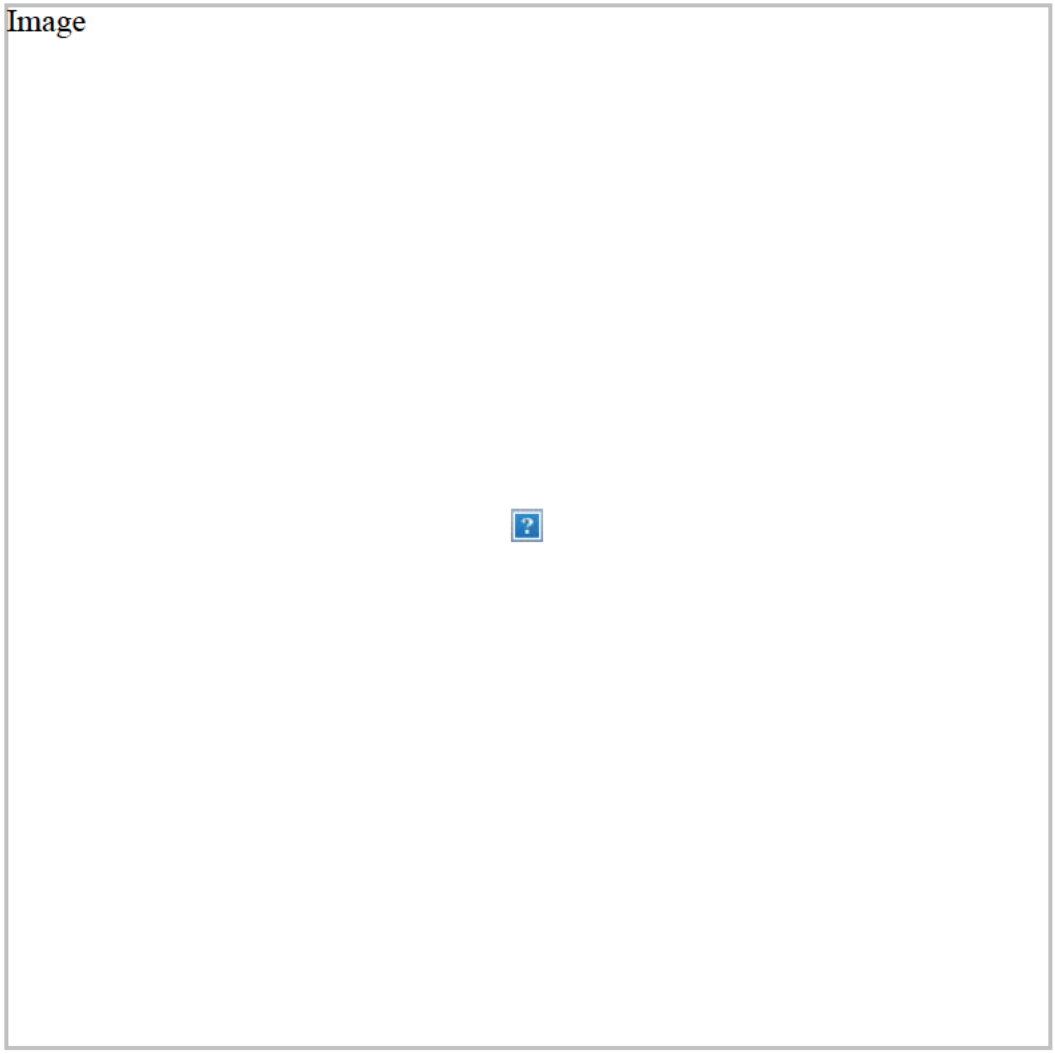
That’s all it took Livonia Police to arrest a man, who hours earlier was caught on video posted on Ring’s Neighbors app rummaging through the bed of a pickup parked in a driveway.

Detectives quickly recognized 60-year-old Jeffrey Couch when they saw the video posted by an app user in mid-August. Within a week, he pleaded no contest in court to two attempted larceny charges and was sentenced to 30 days in jail.

“I truly believe this is the Neighborhood Watch of 2020,” said Livonia Police Capt. Ronald Taig, whose force was one of the first law enforcement agencies in Michigan — and is one of more than 400 across the country — to partner with the Ring Neighbors app, owned by Amazon.

How the deadly drug fentanyl

is making its way to the US



Trump administration officials are divided over part of a proposal to crack down on illicit versions of fentanyl, the deadly synthetic painkiller that President Donald Trump targeted in declaring a national opioid abuse emergency.

In an inter-agency dispute that highlights the challenges of curbing opioid abuse, the US Drug Enforcement Administration (DEA) is publicly backing tighter rules for fentanyl analogs, which are slightly altered copycat versions of the powerful drug fueling an explosion in overdoses.

In this case, the bill would cut the Food and Drug Administration out of the time-consuming review process by letting the DEA permanently classify illicit fentanyl analogs as Schedule I drugs, like heroin, which are deemed to be addictive with no medical use.

The DEA says these legal changes would help prosecutors keep pace with criminals who constantly churn out chemically tweaked fentanyl analogs to evade strict Schedule I regulations.

Of 70,200 US drug overdose deaths in 2017, according to the CDC, about 41% involved synthetic opioids, such as fentanyl and illicit analogs of it. Most of them are made in China.

Fentanyl, some versions of which are approved to treat cancer pain, is 100 times more potent than morphine.

Trump Orders Study of Root Causes of Crime, Policing Practices

Image

President Trump on Monday ordered Attorney General William Barr to establish a new commission to study crime and law enforcement with the goal of recommending “actions that can be taken to prevent, reduce, and control crime, increase respect for the law, and assist victims.”

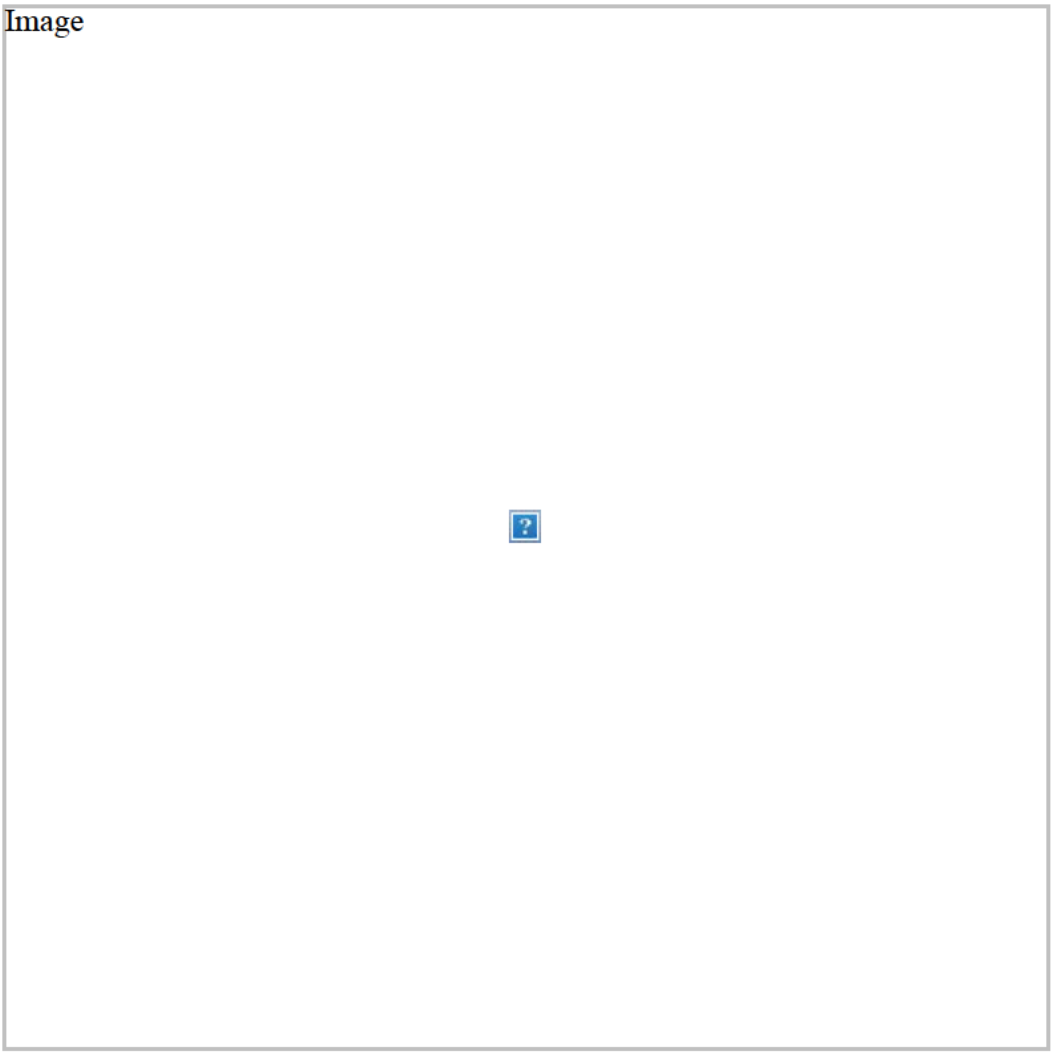
Following remarks in Chicago at the annual International Association of Chiefs of Police conference, the president signed an executive order establishing the Commission on Law Enforcement and the Administration of Justice. The commission will study the influence of substance abuse, homelessness and mental illness on crime as well as examine best practices to recruit, train and support law enforcement, among other things.

“Rigorous study of crime, including its causal factors, and current law enforcement practices is essential to assessing our current criminal justice system's merits and opportunities for

improvement," the executive order stated. "Public safety and proper policing are issues of both national and local significance that continue to require the close cooperation and coordination between the Department of Justice and state, local, and tribal law enforcement."

Quality Afterschool Programs Proven to Reduce Crime

Image



As a member of your District Attorney's Office for almost 30 years, and your DA for nearly 10, I've learned that the hours after school lets out are the prime time for juvenile crime.

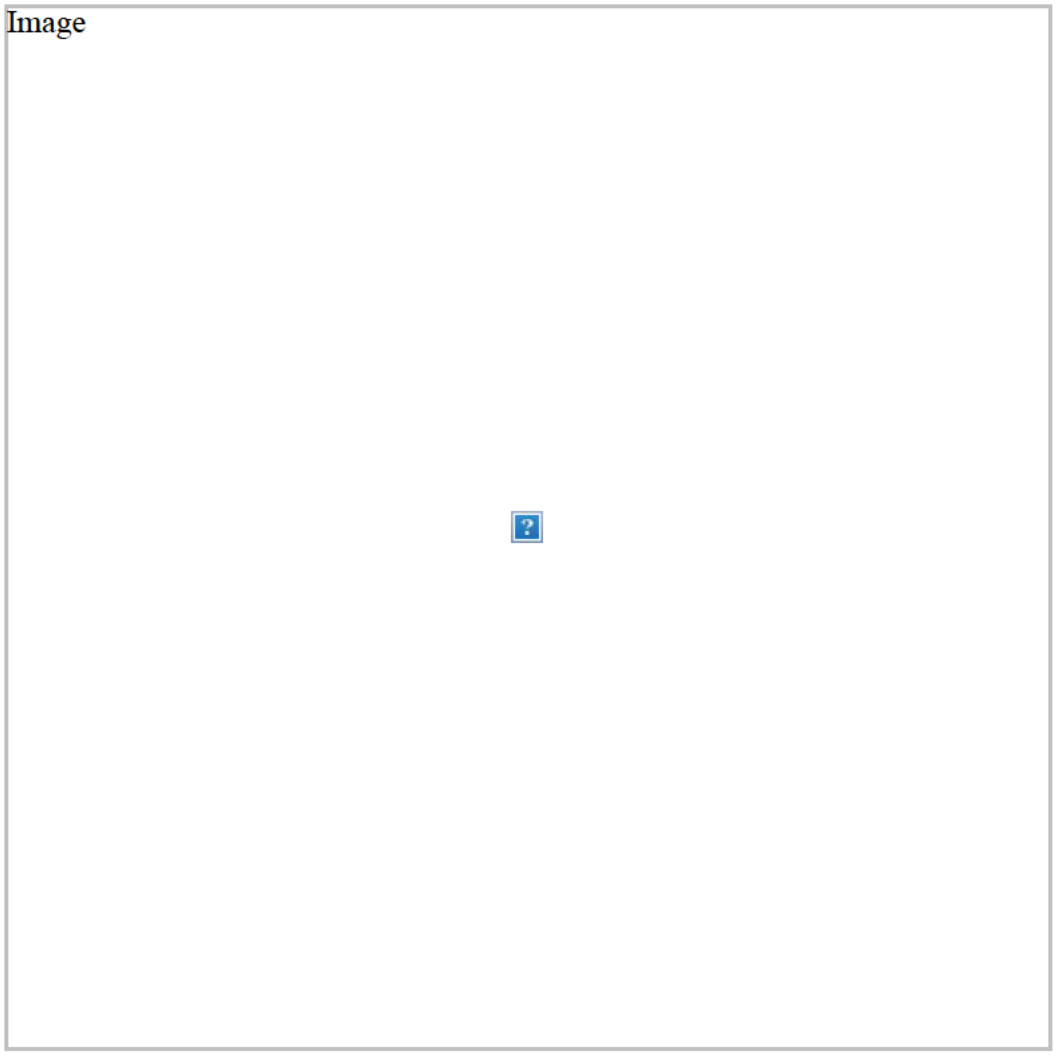
It is between these hours of 2 to 6 p.m. that youth are more likely to be arrested for assault, theft and drug-related crimes.

Quality afterschool programs have been proven to reduce these crimes in our community, keep students engaged, and improve academic performance and student behavior.

A new report from Fight Crime: Invest in Kids shows that when youth have access to high-quality, affordable afterschool programming, they benefit immensely from homework help and outdoor activities, and they're less likely to commit or become victims of crime.

Australia's government is floating an idea to scan internet users' faces before they can watch porn online

Image



Australia's Department of Home Affairs has touted an idea to use facial recognition software in order to verify internet users

ages before they can access pornography or gambling websites.

In its parliamentary submission, the department says that its Document Verification Service and Face Verification Service — though broadly intended to be used as systems for fighting crime and identity theft — could also be used by police for age verification controls.

"This could assist in age verification, for example by preventing a minor from using their parent's driver licence to circumvent age verification controls," the submission states.

"Whilst they are primarily designed to prevent identity crime, Home Affairs would support the increased use of the Document and Face Verification Services across the Australian economy to strengthen age verification processes."

Police turn to hackers in Australia's first crowdsourced attempt to find missing people

Image

For decades the traditional 'missing person' poster has been used to enlist the community's help to find individuals who may be in danger.

But with more than 2,600 Australians now listed as a "long-term" disappearance, the federal police are trying what they hope will be a more successful tactic: turning the search into a game.

More than 350 internet sleuths and "ethical hackers" — hobbyists and professionals — gathered at 10 locations around the country on Friday in a national missing-persons "hackathon".

The aim was to generate leads for 12 of Australia's most frustrating cold cases, using sophisticated but legal methods of trawling the internet.

And organisers said the results were astounding: 100 leads

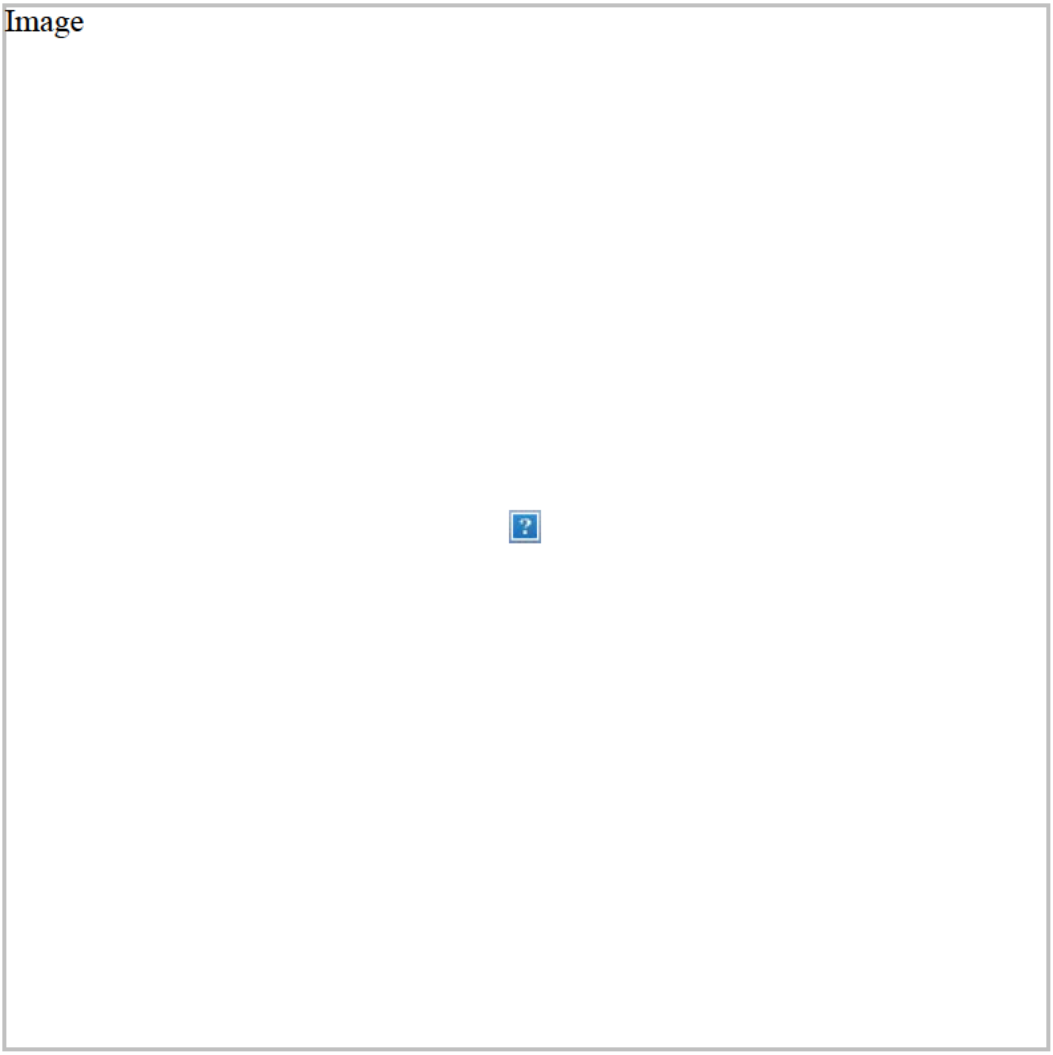
were generated every 10 minutes the competing teams worked.

Police overseas have used crowdsourcing in the past for help with isolated cases, aided by these largely voluntary "open-source intelligence" (OSINT) enthusiasts.

But Linda Cavanagh, of the Canberra Cyber Security Innovation Node, said the Australian event was the first of its kind to be deployed on a national scale.

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10 of the Best Tools to Find Relevant Influencers on Social Media



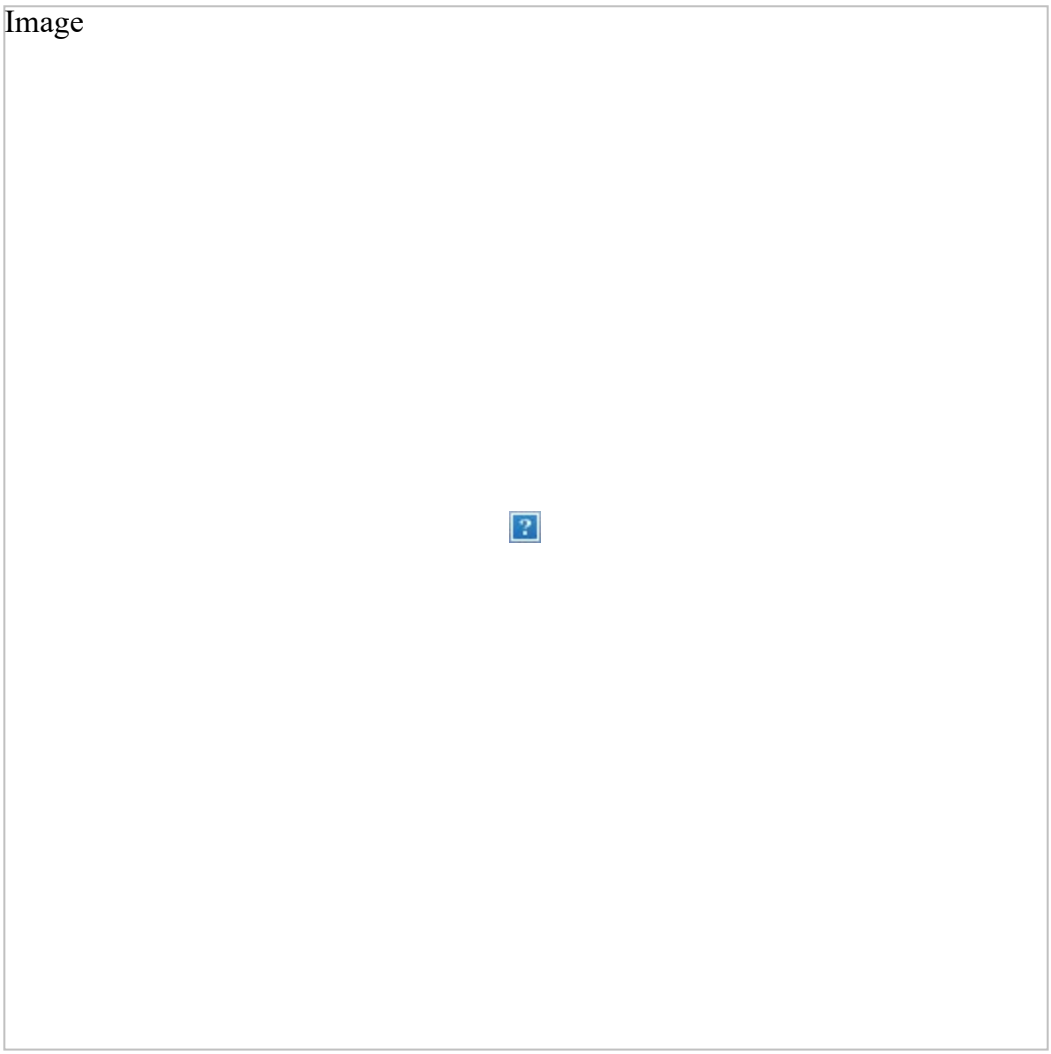
While it's become a much bigger consideration in recent years, influencer marketing, as a practice, has actually existed for a very long time. In the past, however, influencers were only on

TV or in magazines, and unlike social media, TV and newspapers are limited, which led to a situation where a select number of celebrities were able to charge tons of money for making an ad for Pepsi or Swatch in order to influence consumer behavior.

With the birth of social platforms, everything changed. The Internet has no limits, there can be as many influencers as the world requires. They can be of any age and social status, and in any area of expertise (or no area of expertise). And they can work with any brand.

How Your Volunteering Trip Could Contribute To Human Trafficking

Image



The advent of cheap air travel and Instragammable holiday

photos, combined with a longing for meaning, has created a new breed of traveler: the voluntourist. This ever-growing trend describes people, most often young and affluent Westerners, who travel to the global South to help with community projects.

While no doubt sweetly intentioned, there is considerable concern over the fad of "voluntourism" and whether it does more harm than good for the communities in developing countries – especially when it involves children or work at an orphanage. On the surface of the problem, it's questionable whether treating the developing world as a playground is an effective model to address systemic poverty and care for vulnerable children.

An anthropological study published in the Journal of Sustainable Tourism has shown how volunteer programs can actually contribute towards a superficial understanding of poverty that distracts from the larger systems that produce inequality and poverty. Through a series of in-depth interviews with young people from the US who volunteered in Malawi, they found their volunteer work was often carried out through a colonial and "mythologized" image of a helpless Africa needing the benevolence of the West. The volunteers also viewed African poverty in terms of the "American Dream" and the idea of pulling oneself out of poverty through hard work, as opposed to deep-rooted economic, social, and historical factors at play.

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If you have an article you would like to see featured in this publication please contact Brian Gray at intelligenceanalysis@mac.com

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Date: Wednesday, October 30, 2019 8:32:04 AM

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Each Wednesday, we share with you a few of the articles or intelligence-based publications that have come across our desk. We are exicted to see, each week, Law Enforcement Officers, Analysts and Administrators from around the world reading this.

If you have a publication or an article that you feel needs to be shared, please send these to IntelligenceAnalysis@mac.com for review.

If you feel others at your department would benefit from receiving this publication, please forward this email. At the

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Wednesday 10/30/19

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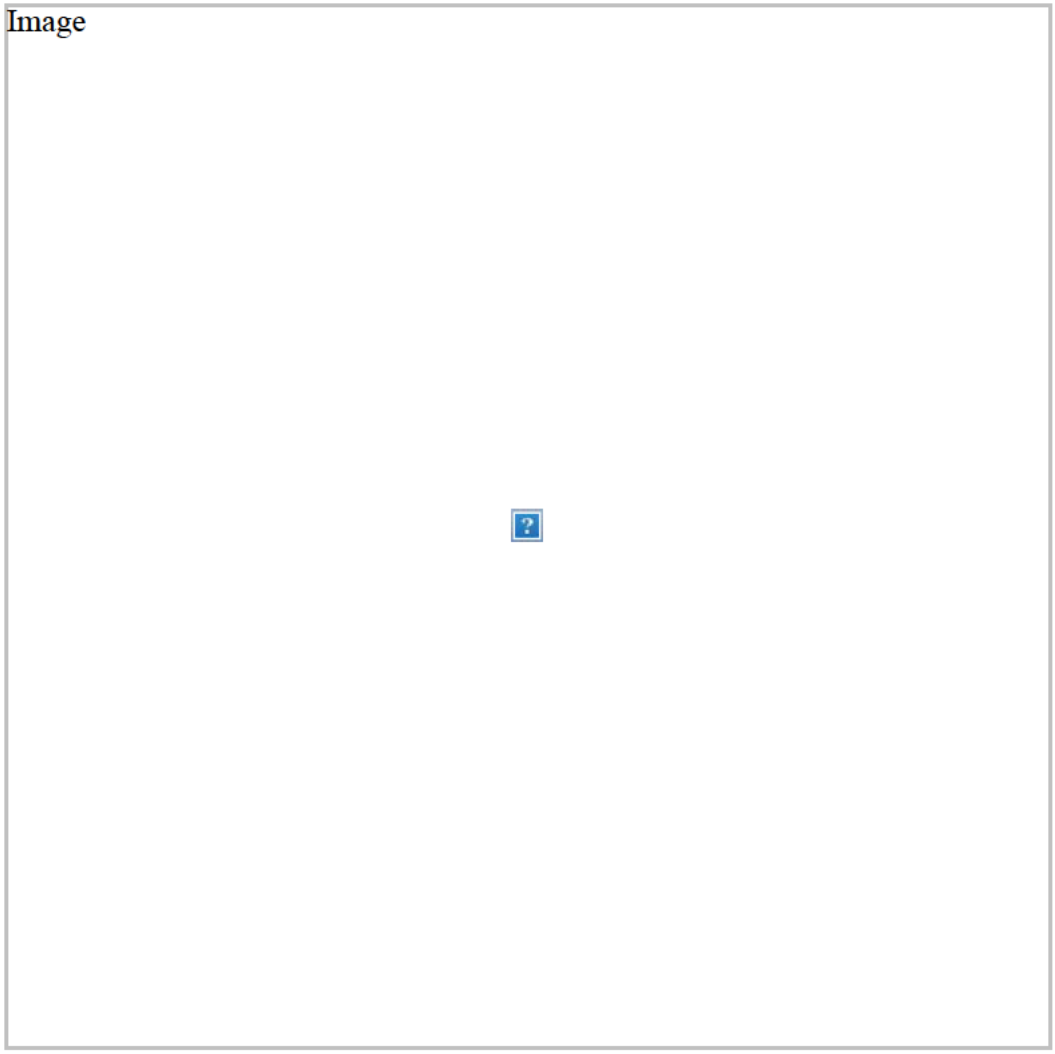
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BAE wins open source intelligence

contract from the Army



The Army has awarded BAE Systems a $437 million task order for open source intelligence support, the company announced Oct. 15 during the 2019 Association of the United States Army conference.

As part of the task order, BAE Systems will provide the Army and Army Intelligence & Security Command (INSCOM) approved partners with open source solutions to publicly available data.

“We’re proud to continue to partner with the U.S. Army and support their critical national security missions with this new capability,” Peder Jungck, vice president and general manager of BAE Systems’ intelligence solutions business.

The company won the initial award of the five-year task order

and began ramping up in August, Jungck said. The task order is an extension of projects the company has been doing for the Army, but this is the first time the work been consolidated and awarded as a larger contract, he explained.

“If you look at contracts in general around OSINT there’s been kind of small ones, there’s been lots of pilots out of agencies and even within the Army and throughout INSCOM there were different kind of brigades and battalions that had their own set of tools," he said. "This is one of the first of the really large OSINT and AI consolidation contracts. I don’t think anybody’s really had a large one like this.”

Calif. police stand by cop after video released in 2017 OIS of murder suspect

Image



FRESNO, Calif. — Community activists are expressing outrage

after seeing video footage that shows a Fresno police sergeant fatally shooting an unarmed 16-year-old boy as he fled during a foot pursuit.

Meanwhile, the local police union and supporters of law enforcement have stepped up in support of the sergeant, saying he acted within guidelines while pursuing a murder suspect.

The footage shows Sgt. Ray Villalvazo firing a single shot into the back of Isiah Murrietta-Golding's head, according to a lawsuit filed on behalf of the teen's family.

The video was captured on a surveillance camera at a daycare facility on April 14, 2017, and was released by attorney Stuart Chandler, who's representing the family of Murrietta-Golding. The boy's family alleges the sergeant used excessive and unlawful deadly force, and committed assault and battery with negligence.

Additionally, in footage released from a police officer's body camera, one officer is heard shouting "good shot" as officers handcuff and search the already prone Murrietta-Golding.

Asia has an organized-crime problem. Canada is well placed to help

Image

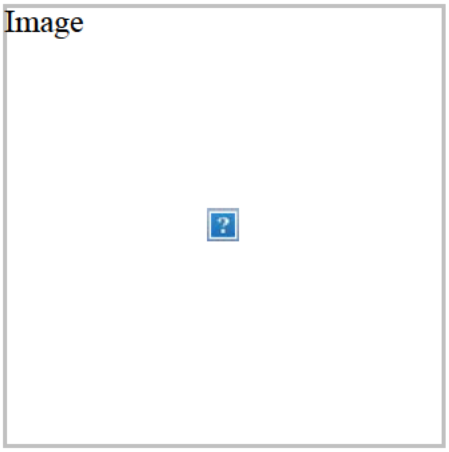
Jeremy Douglas is the regional representative for the United Nations Office on Drugs and Crime (UNODC) for Southeast Asia and the Pacific and a former UNODC representative for Pakistan. The opinions expressed in this commentary are his.

More than a few eyebrows went up last week when Tse Chi Lop – a 55-year-old Canadian man – was accused of being arguably the biggest drug trafficker in the history of Asia.

Mr. Tse is suspected – by police in Myanmar, Australia and Taiwan, and by the United Nations Office on Drugs and Crime (UNODC) – of being the leader of Sam Gor, or Brother Number Three, a supersyndicate largely responsible for the dramatic shift in recent years in organized crime away from drugs such as heroin and toward synthetics, such as methamphetamine, ketamine and fentanyl. It's a shift that has been driven by control and profit, since synthetics offer many advantages to criminal organizations: Labs can be quickly set up or moved;

they are not subject to external conditions such as climate, nor do they require large work forces; and production can be rapidly scaled up to drive the market. Put these things together and it means the disruption of the traditional drug business and the heavily concentrated profits that come with it.

Florida Senator Rick Scott Announces Legislation To Address 'FBI Failures' Regarding Parkland Shooting



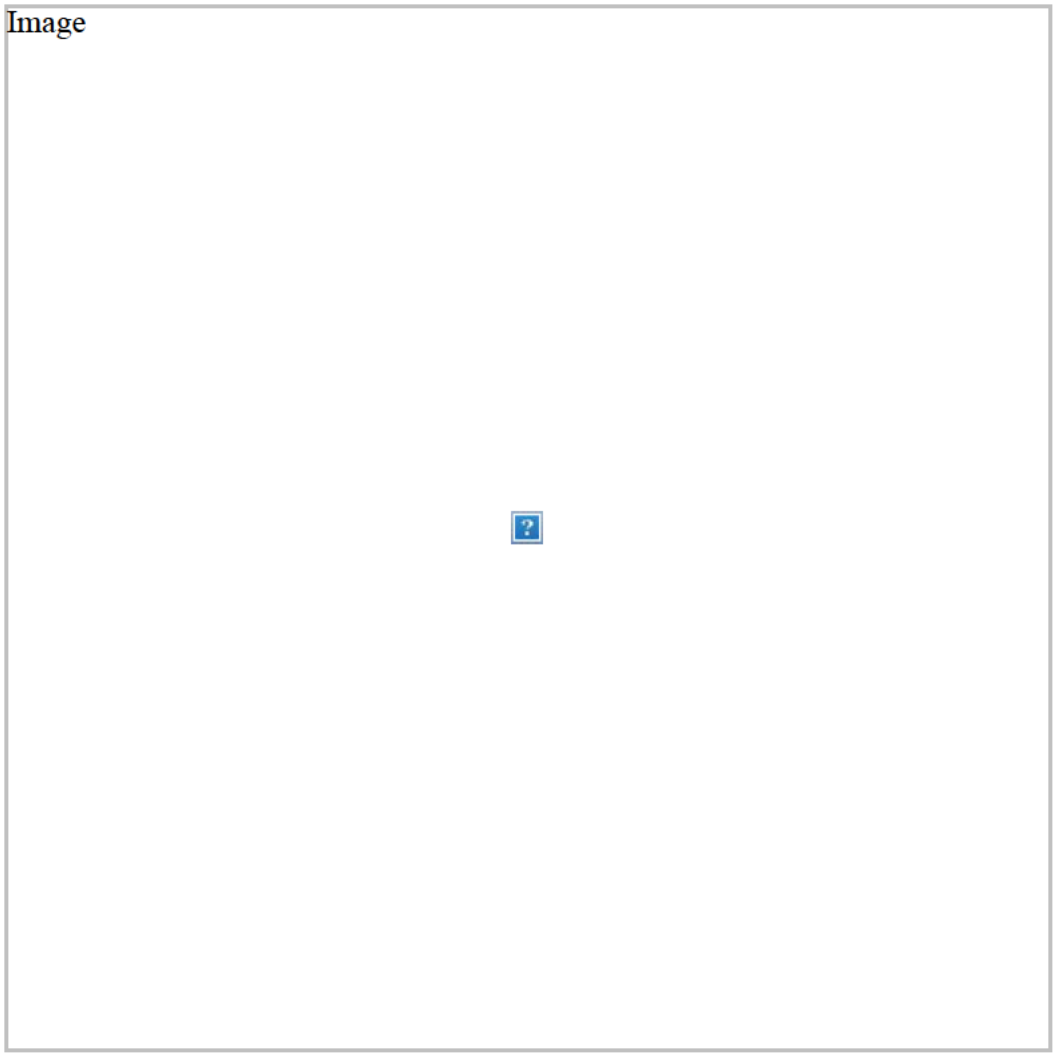
MIAMI (CBSMiami) – Florida Senator Rick Scott announced legislation Thursday to hold the Federal Bureau of Investigations accountable for its 'failures to address critical deficiencies in its handling of actionable intelligence' in regards to the mass shooting at Marjory Stoneman Douglas High School in 2018.

The 'Threat Information Protocol for Sharing (TIPS) Act' is supported by Stand with Parkland, an organization founded by the family members of the victims of the Parkland shooting.

"Not a day goes by that I don't think about the 17 souls that were taken from us in a brutal act of violence at Marjory Stoneman Douglas High School. Following the tragedy, we all worked together to pass the Marjory Stoneman Douglas High School Public Safety Act to make our schools safer and prevent future tragedies, but we aren't finished. We cannot accept the repeated failures of the FBI to properly investigate and act on specific tips received about the Parkland shooter, as well as other perpetrators of mass violence in Florida. I'm

proud to stand with the family members of the victims to announce the TIPS Act, which bridges the gap between federal and state law enforcement agencies by mandating information sharing of all state-specific criminal intelligence tips. This is about getting information on threats into the hands of the right people, who can ultimately prevent violence and protect our families," Scott said.

Majority of Mexicans Say Organized Crime Stronger than Government after El Chapo's Son Released



A majority of Mexicans see organized crime as more powerful than the Mexican government after government forces capitulated to drug-cartel strongmen and released the son of

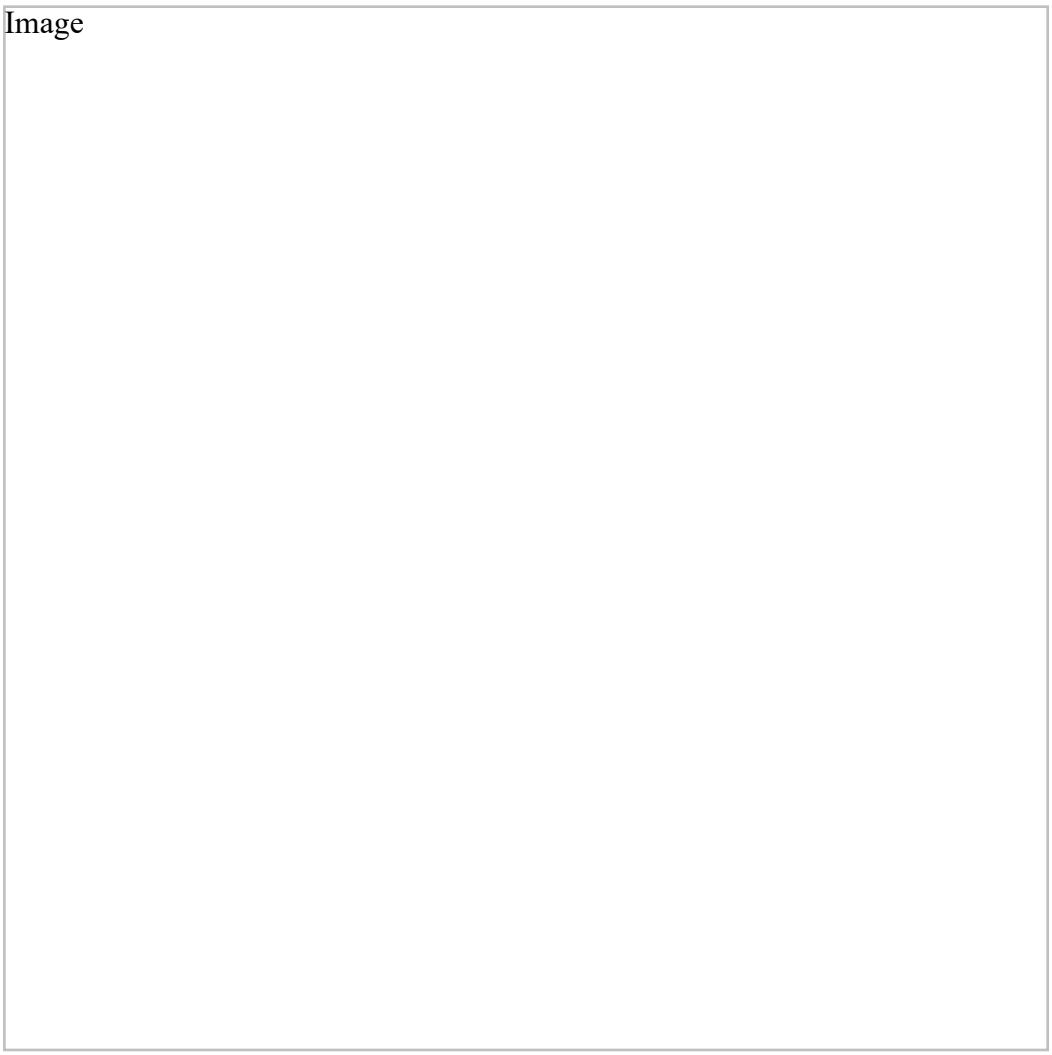
the former cartel leader Joaquín Guzmán, known as “El Chapo.”

About 56 percent of Mexicans say they believe organized crime is stronger, while only 33 percent say the government is stronger, according to a poll by the Mexican newspaper Reforma.

Mexican authorities were forced on Thursday to release Ovidio Guzmán López, El Chapo’s son, shortly after capturing him, when the Sinaloa cartel laid siege to the city of Culiacán and surrounded Mexican troops, taking eight soldiers hostage. Officials said at least 14 people died during the clashes between cartel members and Mexican soldiers.

49 percent of respondents in the Reforma poll disagreed with the decision to release López, while 45 percent said they supported it. Residents of Culiacán expressed relief that the government had surrendered, saying the decision prevented further violence.

Mexican lawmen get FBI training to combat organized crime, terrorism



JUAREZ, Mexico — Three Chihuahua state lawmen recently completed intelligence and intervention training courses sponsored by the FBI, according to the State Security Commission.

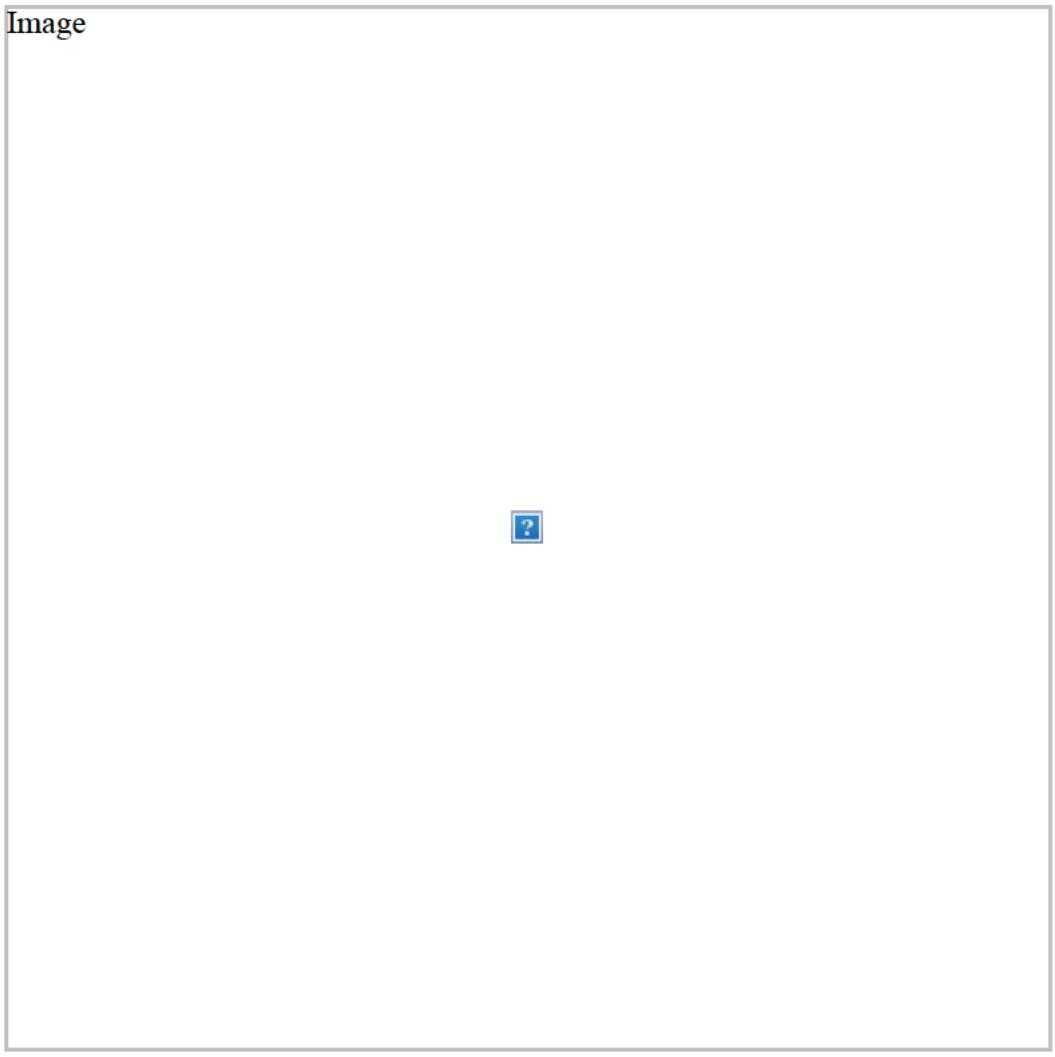
Alvaro Serrano Escobedo, the commission's operations director, received training on anti-terrorism, intelligence gathering, leadership and the combat of organized crime at FBI headquarters in Quantico, Virginia. The training is part of the FBI's Mexican Law Enforcement Executive Development (MEXLEED) program, the commission said in a news release.

Ginés Jaime Ruiz García, first officer of the Chihuahua State Police, and Jesús Alejandro Cruz Rangel, who heads rural operations for the agency, attended the FBI's Mexican American Liaison and Law Enforcement Training (MALLET) program in South Padre Island, Texas, the commission said.

The three lawmen were among 30 duly vetted Mexican officials chosen by the FBI for training this year, the commission said.

63 accused drug dealers plead guilty in heroin, fentanyl and cocaine trafficking rings

Image



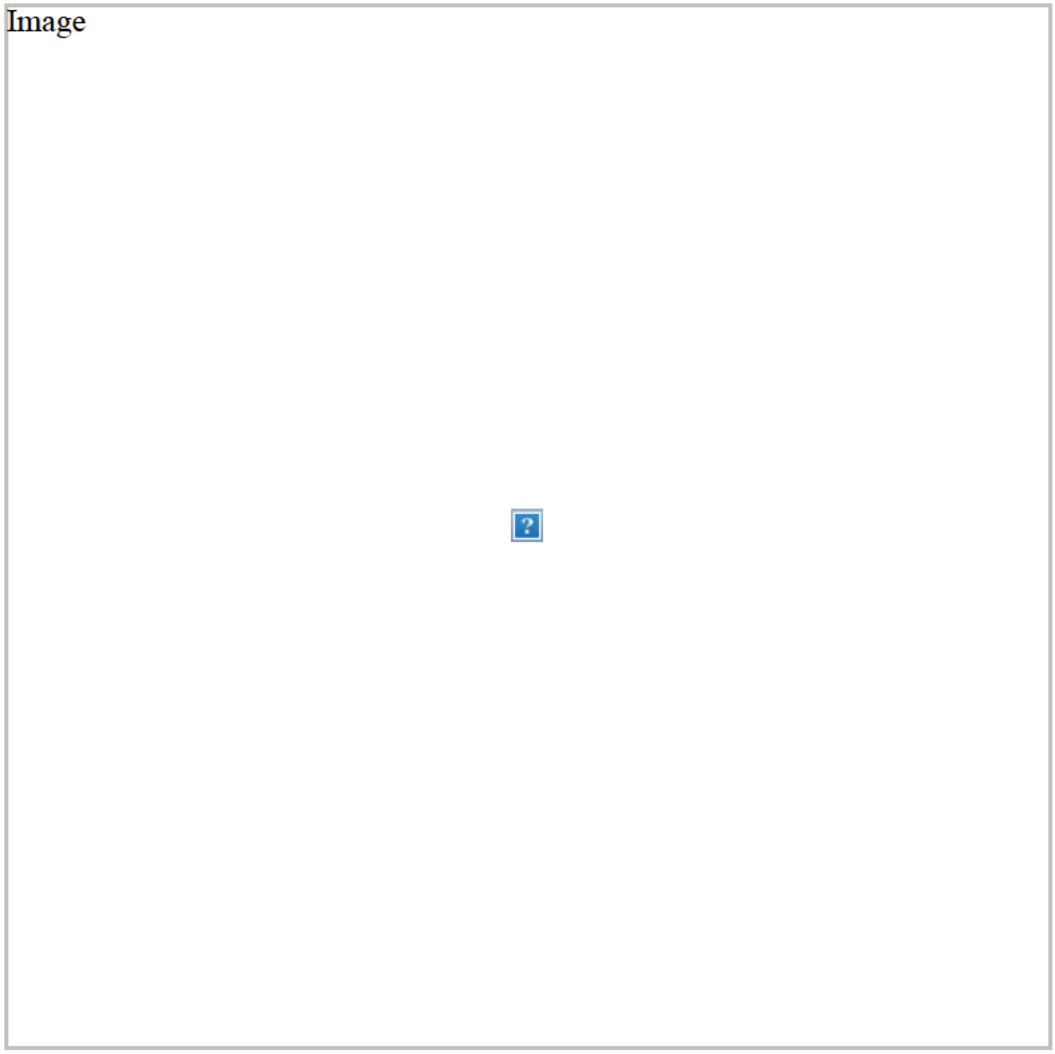
SYRACUSE — New York State Attorney General Letitia James has announced the guilty pleas of 63 people for their roles in two major narcotics trafficking operations that transported heroin, fentanyl, and cocaine to Onondaga, St. Lawrence, Oswego, Oneida, and Jefferson counties.

The investigation resulted in the recovery of approximately 4,700 bags of heroin and fentanyl, worth approximately $140,000, and approximately 2 kilograms of cocaine, worth more than $200,000, according to a news release from the Attorney General's office.

“These individuals flooded our communities with dangerous drugs that are putting New Yorkers at great risk,” said Attorney General Letitia James in the news release.

House bill would give border agents tool to detect synthetic opioids

Image



A bill that would give U.S. Customs and Border Protection (CBP) agents the equipment to detect synthetic opioids has been introduced in the U.S. House.

The DHS Opioid Detection Resilience Act of 2019 requires the Commissioner of CBP to procure chemical screening devices that allow border patrol agents to identify narcotics, including synthetic opioids, with purity levels of less than 10 percent. A

2018 study by the Drug Enforcement Administration (DEA) found that most fentanyl seized at the southwest border tends to be less than 10 percent pure. These changes would fill the gap that currently exists in identifying these synthetic opioids.

“Stopping the flow of illegal drugs across our southern border and at ports of entry is a top priority for our CBP law enforcement officers. This includes fentanyl and other synthetic opioids that can be difficult to detect. Our legislation ensures that DHS has the necessary equipment to detect synthetic opioids and the ability to adapt as smuggling methods evolve. We want to prevent this poison from ever reaching American communities, and our bill helps law enforcement carry out that mission,” Rep. Clay Higgins (R-LA), the bill’s sponsor, said.

Teens brawl with police in Brooklyn subway station

Image

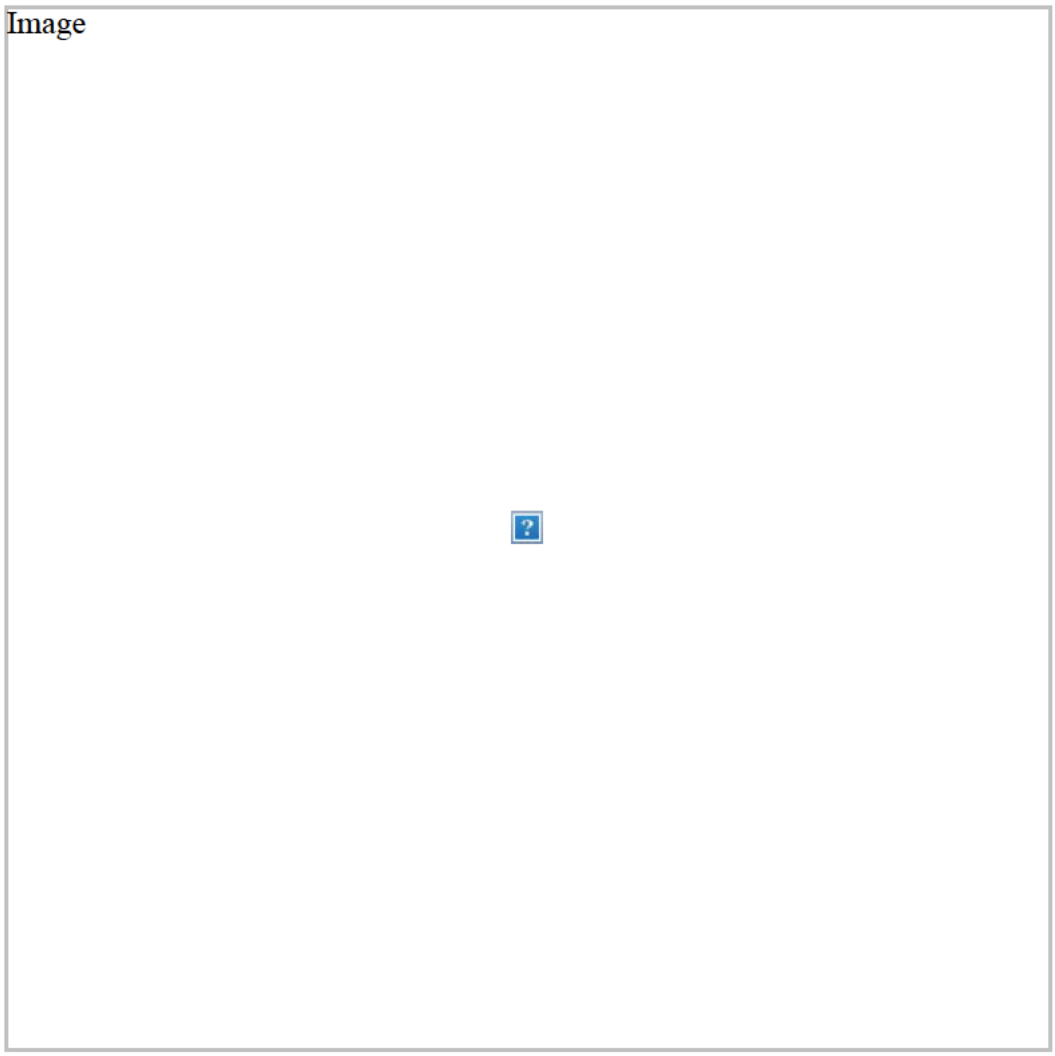
BROOKLYN, N.Y. – A video showing members of the NYPD trying to break up a fight and instead ending up in an all-out brawl with a mob of New Yorkers has gone viral… and media outlets were quick to condemn the cops who were involved.

The Post said that the incident unfolded on Saturday morning around 2:30 a.m. as officers responded to the scene of a fight on the platform of a subway station. The fights had originally began up on Jay Street between two groups of people before the violence spilled down into the station.

Cell phone video captured at the scene shows officers rush into the area and try to pull the brawling teens apart, attempting to put one of the suspects in handcuffs. Other individuals on the outside of the skirmish appear to be pulling the officers away.

The heartbreaking final text this human trafficking victim sent before dying in UK truck

Image



A 26-year-old Vietnamese woman texted her mom frantically that she was suffocating in the truck in which the bodies of 39 people were found in England — and apologized that her journey to a better life ended tragically, according to a report.

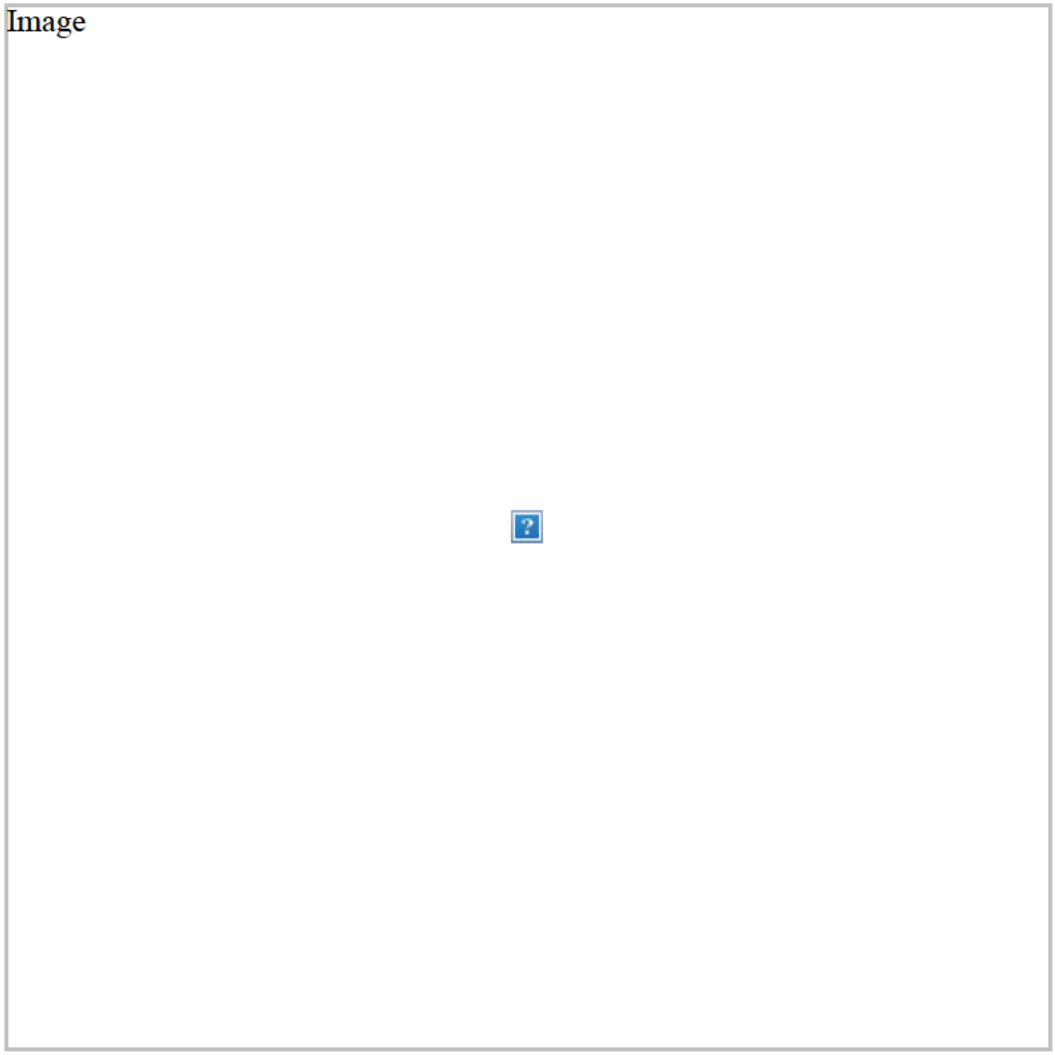
“I’m sorry Mom, my path to abroad didn’t succeed,” Pham Thi Tra My wrote in a series of messages about 10:30 p.m. Tuesday, according to the Mirror.

“Mom, I love you and Dad so much! I’m dying because I can’t breathe,” she added.

News about the young woman’s final moments emerged as two more people were arrested after eight women and 31 men were found dead Wednesday in a case that has shocked

Britain and made headlines around the world.

Labor Trafficking Is A Crime You Probably Don't Notice



It has been more than four years since Catherine Piedad called 911 from a $1.7 million home in Newton.

In 2015, she worked long hours to care for a Russian family's young twins. Her passport was taken, and she slept in a small room with little light and nowhere to store her clothes. When she asked to be paid, her employer threatened to send her back to the Philippines. She feared deportation and did not know who to trust.

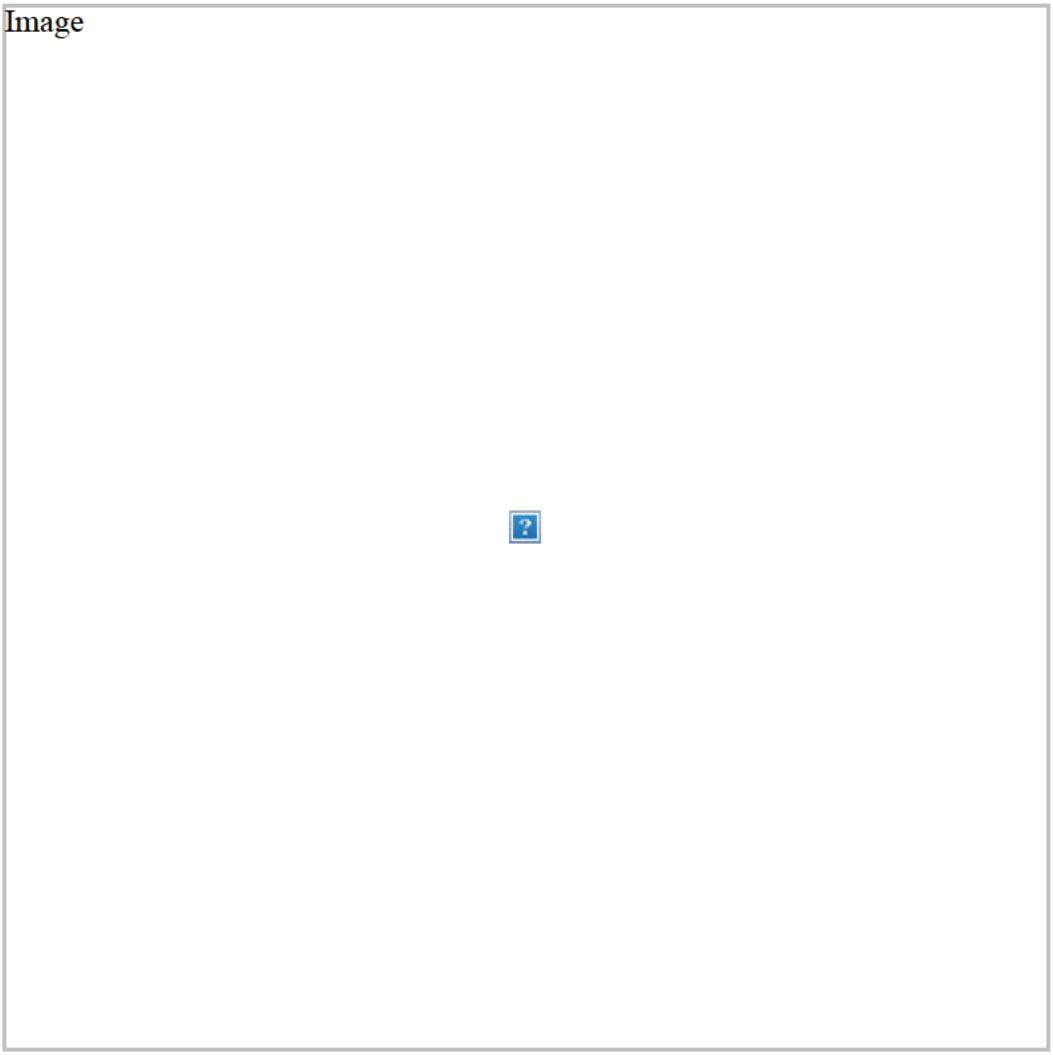
Despite her fear, she called 911. Law enforcement helped her

to leave the family's home but did little else. They did not see her case as "labor trafficking." Instead, the incident was labeled a "labor dispute." Piedad struggled to access her rights — despite the robust federal and state laws designed to protect her.

You've probably heard of sex trafficking, which often involves perpetrators who force, trick or coerce victims into sexual servitude. Although difficult to see, sex trafficking is often visible to law enforcement through the internet: perpetrators sometimes leave a footprint online, which can provide a critical entry point for criminal investigations.

The Mafia's history in Las Vegas: From Bugsy Siegel to Anthony Spilotro

Image



Benjamin "Bugsy" Siegel had been at the helm of the Flamingo

for only six months in June 1947 when he was killed in a hail of gunfire at his girlfriend's Beverly Hills, Calif., home.

But his vision for the Flamingo, the first resort-style hotel on the Strip, was the beginning of a 50-year relationship between Las Vegas and traditional organized crime that helped define "Sin City"and turn it into one of the world's top tourist destinations.

"The general perception on the part of the public is that Las Vegas and the mob have been inextricably linked, and I don't think it will ever be extricated," former longtime state archivist Guy Rocha says.

Groundbreaking books such as "The Green Felt Jungle" in 1963, which revealed the mob's early grip on the city, and popular movies such as "The Godfather" in 1972 and "Casino" in 1995 enhanced this perception through the years.

So did the buzz on the Strip over the Rat Pack, led by headliner Frank Sinatra and his associations with high-profile underworld figures.

New Bill To Bring Illegal Gambling In California Closer To An End

Image

Gambling in the US, as well as in the whole world, is one of the most entertaining and lucrative endeavors. Not only does it provide fun and joy to the players, but it also offers an opportunity to make a fortune.

The gambling operators all around the world are doing everything they can to attract new customers. From online free spins for Australians to no deposit bonuses and other promotions in other countries, casino operators are full of such impressive offers.

However, the industry isn't just this fairy-tale source of joy and money. It also has its drawbacks. With problem gambling, organized crime, and money laundering prospects, gambling has long been considered threatening to society.

That's the reason why the US government, alongside other governments worldwide, have been eager to put the industry

under the limitations and protect the interests of their citizens. With the regulatory restrictions and measures, the government officials have deemed ill-gotten gains illegal and contributed to ending gambling-related crime.

Best true-crime books of all time

Image

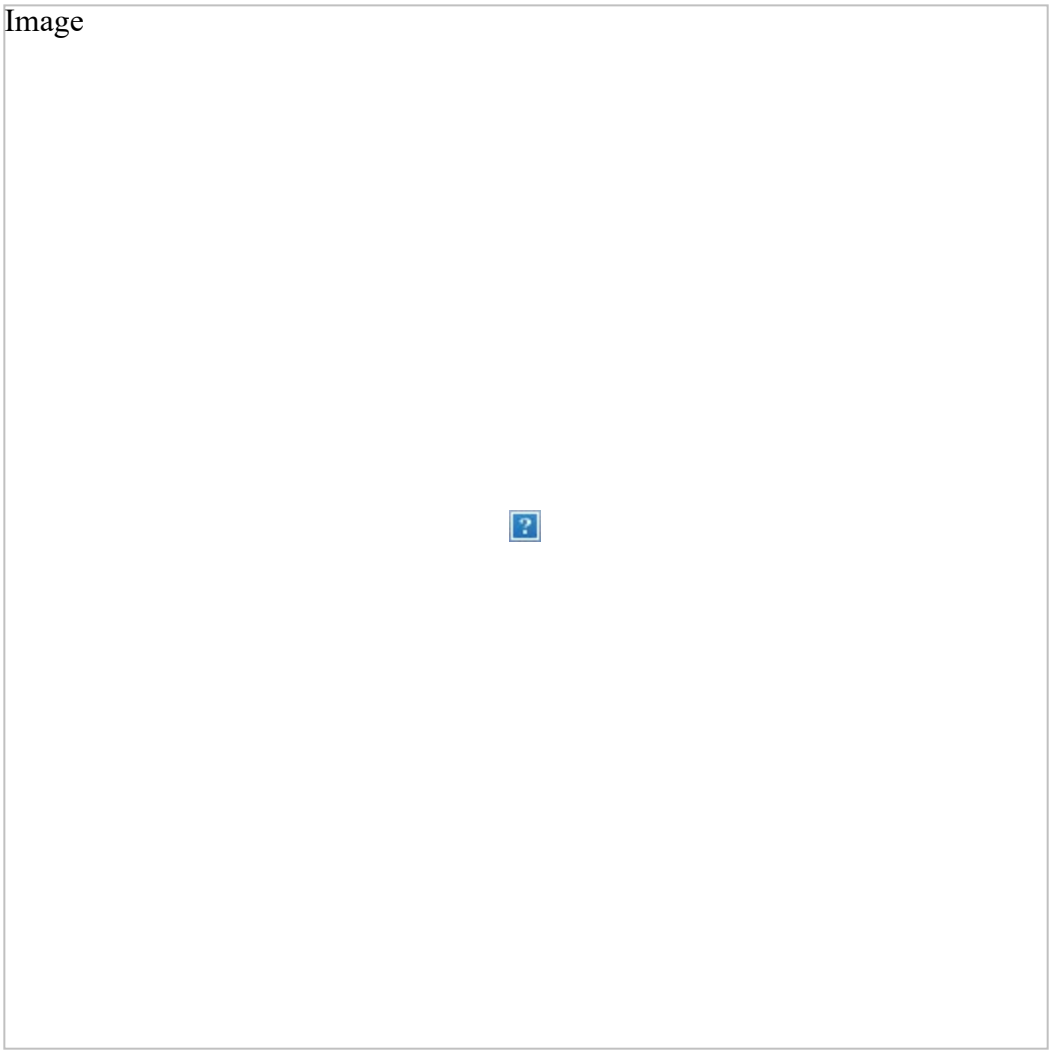


Terrifying tales are not the domain of fiction alone. If you are in search of bone-chilling scares, we recommend you turn to true crime. The key word being true. That's right, no imagination needed. Including stories about such horrific figures as Charles Manson and Ted Bundy, Goodreads compiled a list of the top 10 true-crime books of all time based on the lists, reviews and ratings of their more than 90 million members.

AP

How a Facebook Crime Page Led to Arrest of N.C. Woman in Cold Case Killing of Sister-in-Law

Image



A Facebook page devoted to the murdered, missing or miscreant residents of western North Carolina is being credited with helping authorities bring charges in the 15-year-old cold-case killing of a missing mom of four, allegedly at the hands of her sister-in-law.

The tip that led authorities to a “shallow grave” containing the remains believed to be those of 29-year-old Deborah Elaine Deans “proved to be very accurate and very reliable,” Nash

County Sheriff Keith Stone told reporters last week.

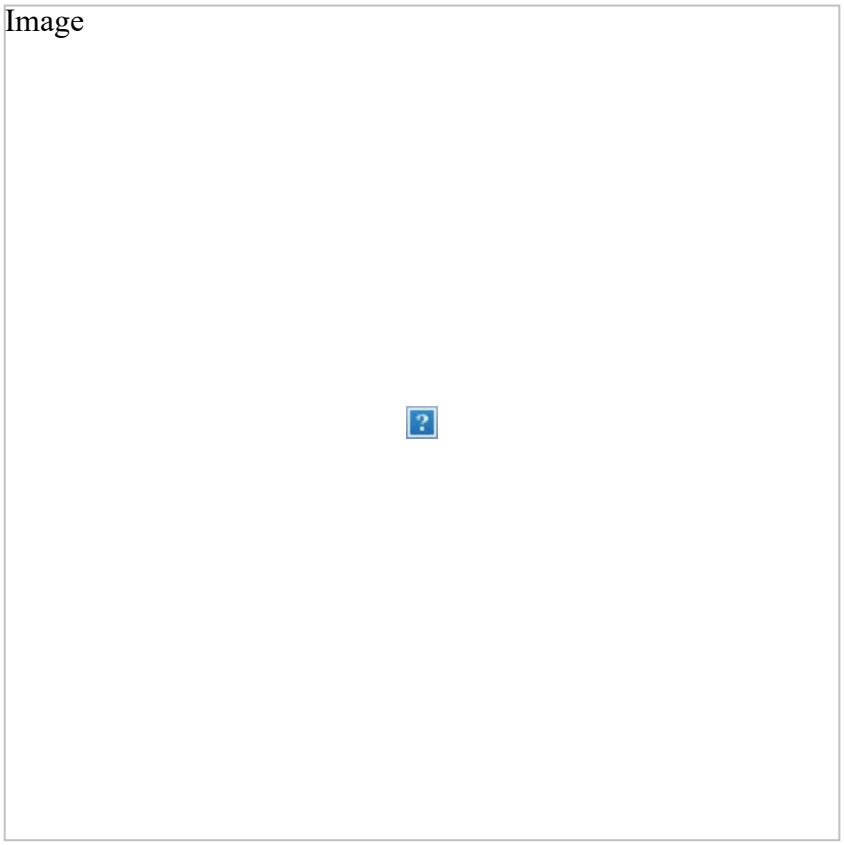
But the tipster did not go to police at first.

Instead, the unidentified person sent information about the alleged crime to a woman who created and runs a Facebook page called Fighting Crime News and Who's Wanted, an online outlet whose updates range from wanted posters to promotions of local elections and warnings about traffic tie-ups.

On October 20, a re-post about the unsolved missing-person case of Deans — who was last seen around 9 a.m. on January 19, 2004, at a residence on Wiley Road in Spring Hope — elicited a "very detailed" response that was forwarded to authorities by the Facebook page creator, said Nash.

Google Maps Adds ability to see speed limits and speed traps in 40+ countries

Image



Google Maps is gaining some features previously exclusive to Google's navigation app, Waze. The company confirmed it's rolling out the ability for Google Maps users to see speed limits, speed cameras and mobile speed cameras in more than 40 countries worldwide — an expansion of its earlier launch of these features, which were previously limited to select markets.

The change was noted earlier by ZDNet and, of course, Reddit.

Google confirmed with TechCrunch the full list of supported countries now seeing the speed cameras, which currently includes: Australia, Brazil, U.S., Canada, U.K., India, Mexico, Russia, Japan, Andorra, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, Greece, Hungary, Iceland, Israel, Italy, Jordan, Kuwait, Latvia, Lithuania, Malta, Morocco, Namibia, Netherlands, Norway, Oman, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, South Africa, Spain, Sweden, Tunisia, and Zimbabwe.

The Ethics Board of One of the Largest Vendors of Police Tech (Axon) Makes the Case Against ALPRs

Image

Automated License Plate Readers (ALPRs)—a mass surveillance technology that allows law enforcement to record the location and travel patterns of nearly every driver on the road—are poorly regulated, threaten privacy, and worsen the racial and economic inequalities already ingrained in our justice system.

That's what EFF and other advocates have been saying for years. But now it's coming from an oversight body formed by one of the nation's largest police tech vendors.

Last week, the AI and Policing Technology Ethics Board at Axon, a tech company best known for popularizing body-worn cameras and the Taser, released a damning report concerning the commercial sale of ALPRs. The board, whose purpose is to "help guide and advise the company on ethical issues," concluded that while it sees the potential value of ALPRs, their current role in society is too broad and problematic. The sheer

amount of information that ALPRs gather and store was also a concern for the ethics board—particularly when privately collected data is often for sale to whoever wants to buy it.

ALPR systems include cameras that can be mounted on vehicles like police patrol cars or private tow trucks, or on stationary locations such as streetlights or overpasses. These cameras capture every license plate that passes and index them based on time, date, and location. A police officer can search ALPR databases to learn where a vehicle was in the past or even get real-time alerts when a driver passes by an ALPR camera. Research by EFF, MuckRock, and others have found that even small police departments are able to collect millions of plate scans a year, and often agencies are sharing this data with hundreds of other agencies across the country. Private companies also use ALPR and sell their data to police, financial lenders, insurance companies, private investigators, and debt collectors.

Amazon's Ring is 'the Neighborhood Watch of 2020,' police say as doorbell cams proliferate

Image

That’s all it took Livonia Police to arrest a man, who hours earlier was caught on video posted on Ring’s Neighbors app rummaging through the bed of a pickup parked in a driveway.

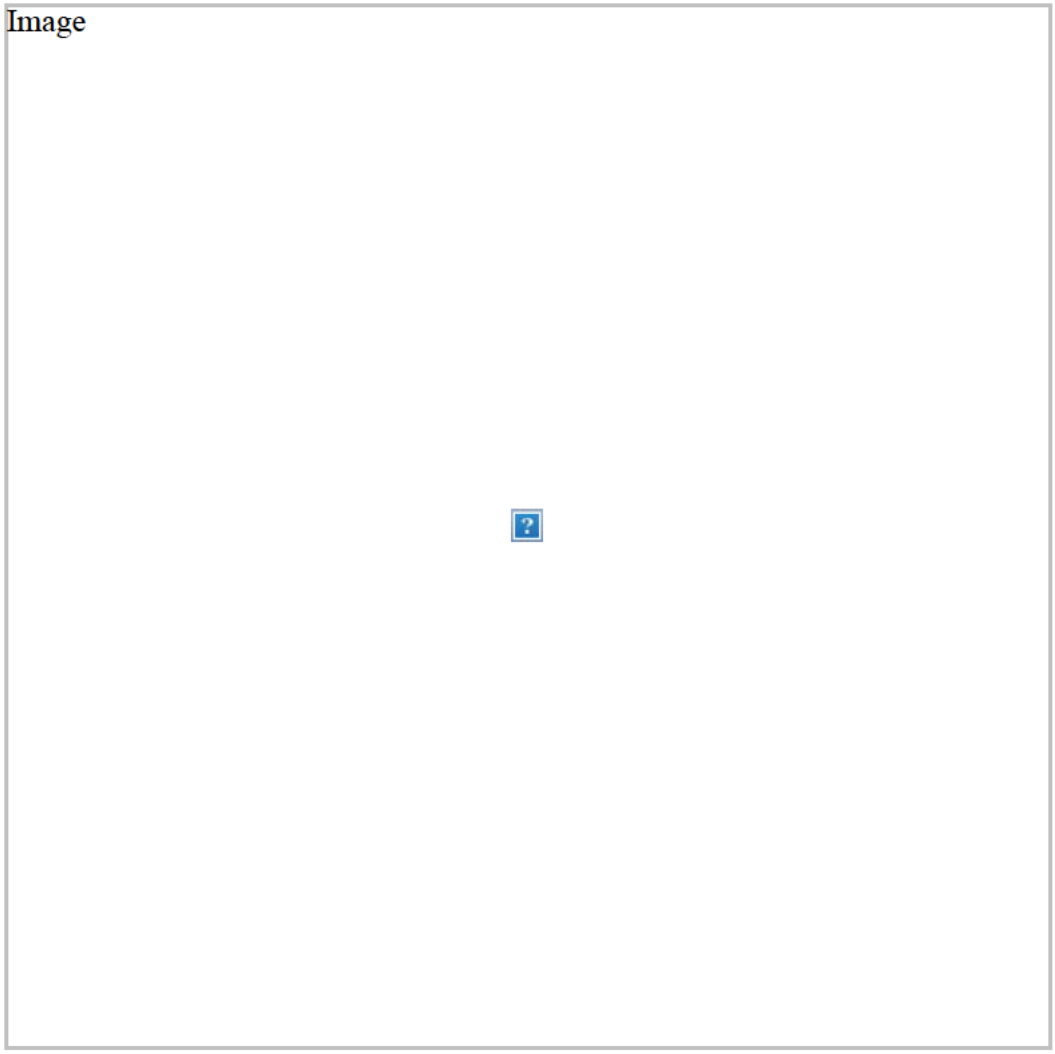
Detectives quickly recognized 60-year-old Jeffrey Couch when they saw the video posted by an app user in mid-August. Within a week, he pleaded no contest in court to two attempted larceny charges and was sentenced to 30 days in jail.

“I truly believe this is the Neighborhood Watch of 2020,” said Livonia Police Capt. Ronald Taig, whose force was one of the first law enforcement agencies in Michigan — and is one of more than 400 across the country — to partner with the Ring Neighbors app, owned by Amazon.

How the deadly drug fentanyl

is making its way to the US

Image



Trump administration officials are divided over part of a proposal to crack down on illicit versions of fentanyl, the deadly synthetic painkiller that President Donald Trump targeted in declaring a national opioid abuse emergency.

In an inter-agency dispute that highlights the challenges of curbing opioid abuse, the US Drug Enforcement Administration (DEA) is publicly backing tighter rules for fentanyl analogs, which are slightly altered copycat versions of the powerful drug fueling an explosion in overdoses.

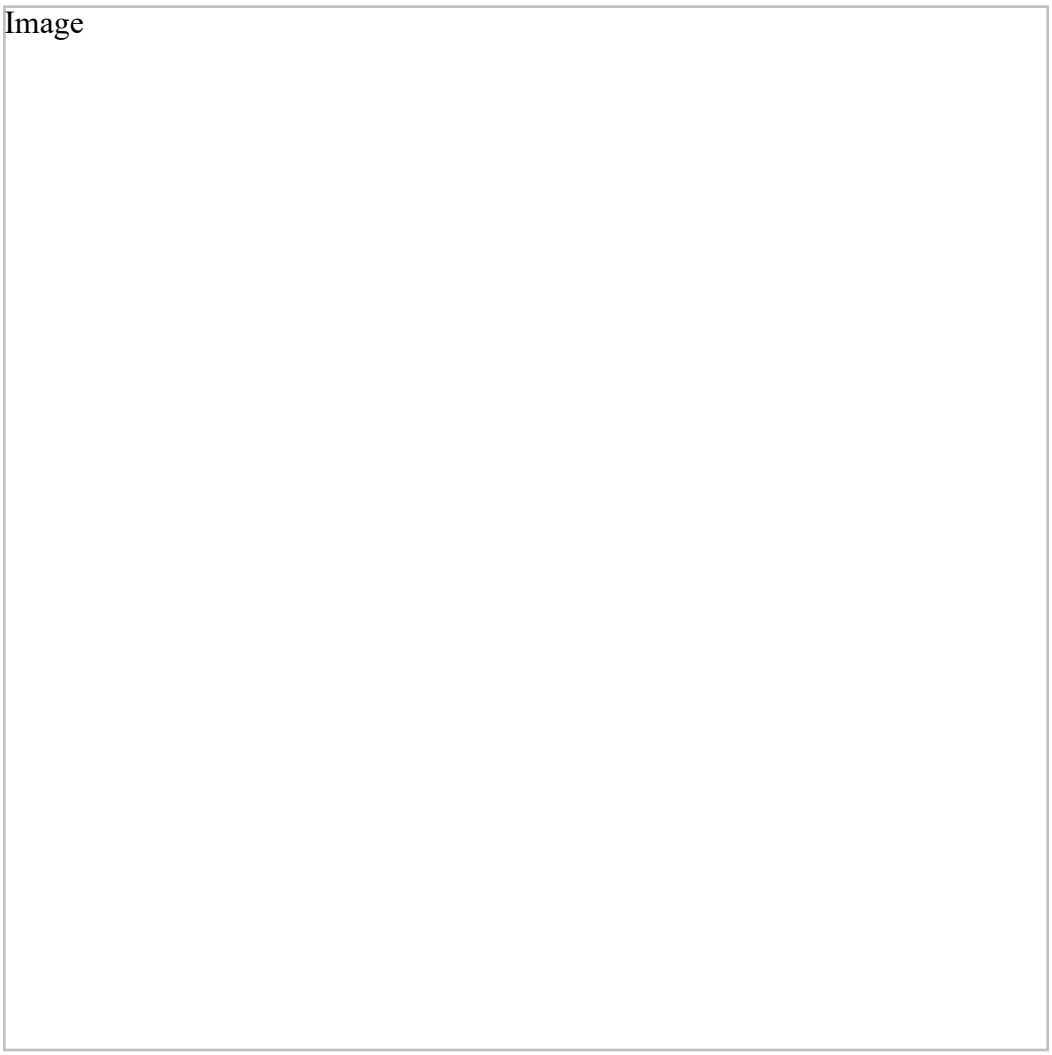
In this case, the bill would cut the Food and Drug Administration out of the time-consuming review process by letting the DEA permanently classify illicit fentanyl analogs as Schedule I drugs, like heroin, which are deemed to be addictive with no medical use.

The DEA says these legal changes would help prosecutors keep pace with criminals who constantly churn out chemically tweaked fentanyl analogs to evade strict Schedule I regulations.

Of 70,200 US drug overdose deaths in 2017, according to the CDC, about 41% involved synthetic opioids, such as fentanyl and illicit analogs of it. Most of them are made in China.

Fentanyl, some versions of which are approved to treat cancer pain, is 100 times more potent than morphine.

Trump Orders Study of Root Causes of Crime, Policing Practices



President Trump on Monday ordered Attorney General William Barr to establish a new commission to study crime and law enforcement with the goal of recommending “actions that can be taken to prevent, reduce, and control crime, increase respect for the law, and assist victims.”

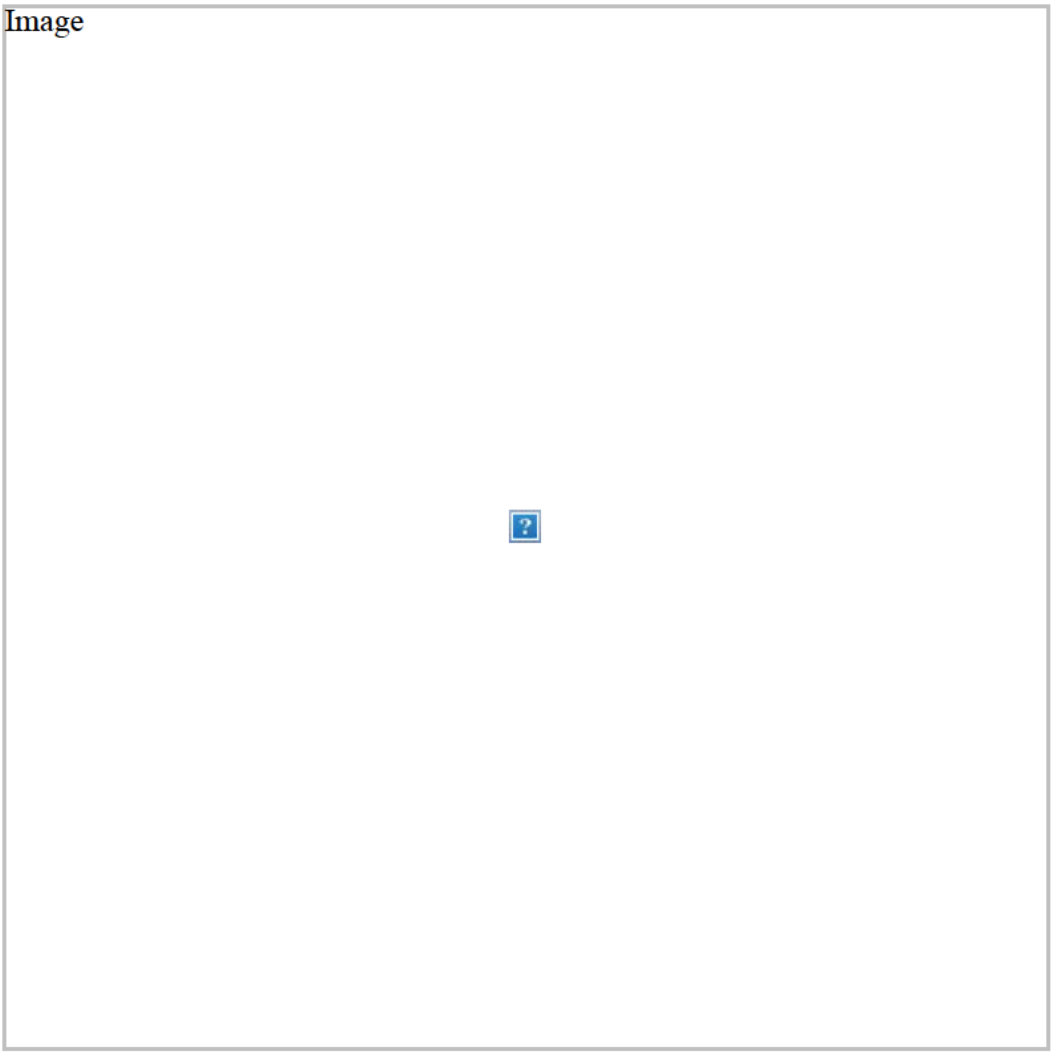
Following remarks in Chicago at the annual International Association of Chiefs of Police conference, the president signed an executive order establishing the Commission on Law Enforcement and the Administration of Justice. The commission will study the influence of substance abuse, homelessness and mental illness on crime as well as examine best practices to recruit, train and support law enforcement, among other things.

“Rigorous study of crime, including its causal factors, and current law enforcement practices is essential to assessing our current criminal justice system's merits and opportunities for

improvement," the executive order stated. "Public safety and proper policing are issues of both national and local significance that continue to require the close cooperation and coordination between the Department of Justice and state, local, and tribal law enforcement."

Quality Afterschool Programs Proven to Reduce Crime

Image



As a member of your District Attorney's Office for almost 30 years, and your DA for nearly 10, I've learned that the hours after school lets out are the prime time for juvenile crime.

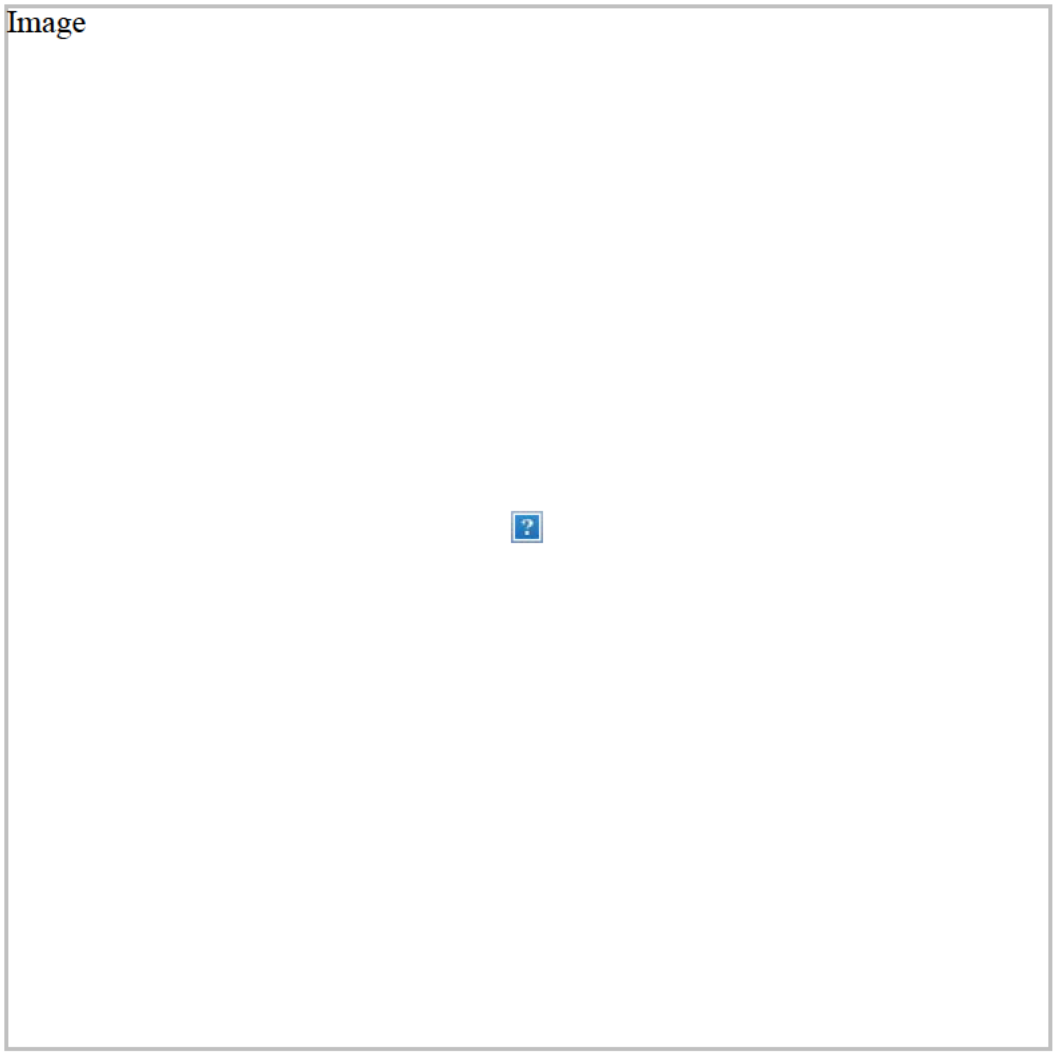
It is between these hours of 2 to 6 p.m. that youth are more likely to be arrested for assault, theft and drug-related crimes.

Quality afterschool programs have been proven to reduce these crimes in our community, keep students engaged, and improve academic performance and student behavior.

A new report from Fight Crime: Invest in Kids shows that when youth have access to high-quality, affordable afterschool programming, they benefit immensely from homework help and outdoor activities, and they're less likely to commit or become victims of crime.

Australia's government is floating an idea to scan internet users' faces before they can watch porn online

Image



Australia's Department of Home Affairs has touted an idea to use facial recognition software in order to verify internet users

ages before they can access pornography or gambling websites.

In its parliamentary submission, the department says that its Document Verification Service and Face Verification Service — though broadly intended to be used as systems for fighting crime and identity theft — could also be used by police for age verification controls.

"This could assist in age verification, for example by preventing a minor from using their parent's driver licence to circumvent age verification controls," the submission states.

"Whilst they are primarily designed to prevent identity crime, Home Affairs would support the increased use of the Document and Face Verification Services across the Australian economy to strengthen age verification processes."

Police turn to hackers in Australia's first crowdsourced attempt to find missing people

Image

For decades the traditional 'missing person' poster has been used to enlist the community's help to find individuals who may be in danger.

But with more than 2,600 Australians now listed as a "long-term" disappearance, the federal police are trying what they hope will be a more successful tactic: turning the search into a game.

More than 350 internet sleuths and "ethical hackers" — hobbyists and professionals — gathered at 10 locations around the country on Friday in a national missing-persons "hackathon".

The aim was to generate leads for 12 of Australia's most frustrating cold cases, using sophisticated but legal methods of trawling the internet.

And organisers said the results were astounding: 100 leads

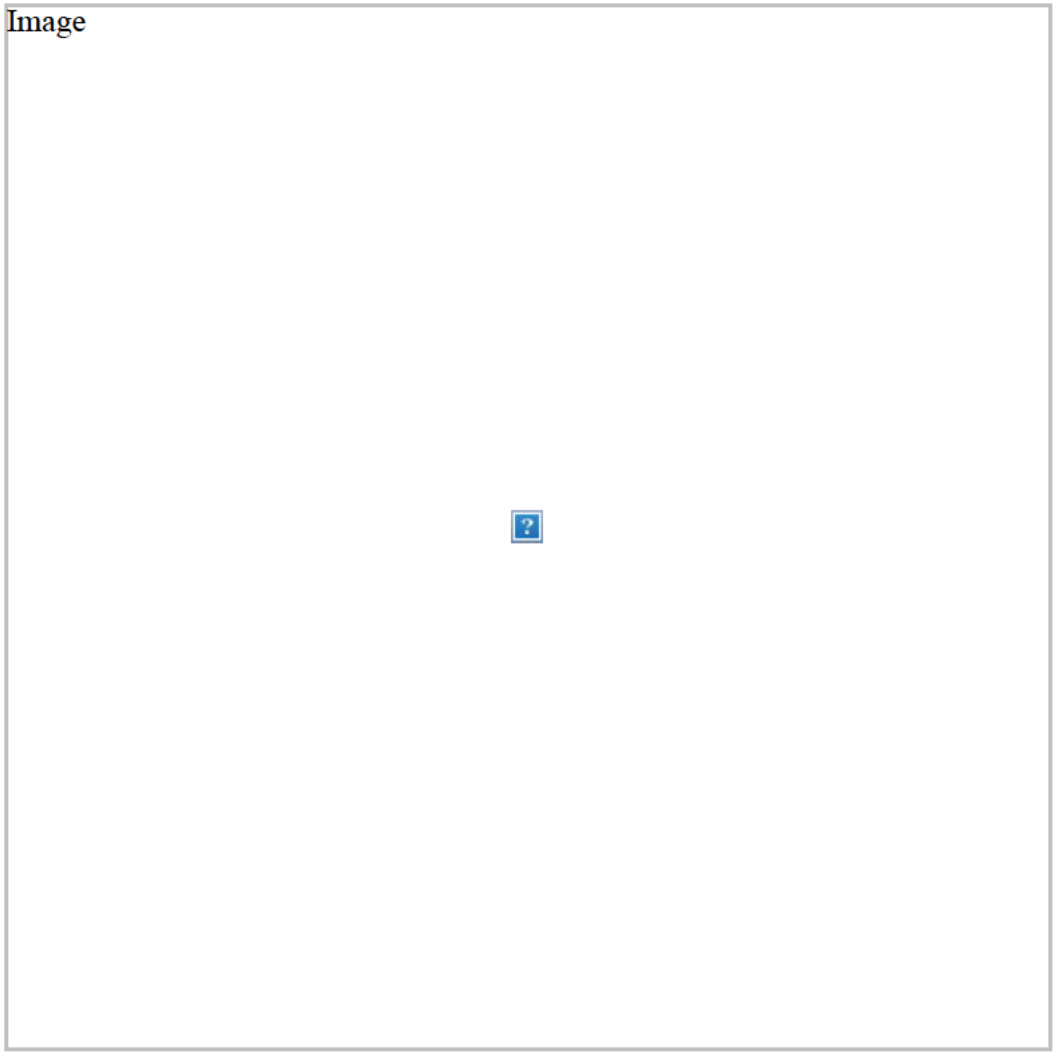
were generated every 10 minutes the competing teams worked.

Police overseas have used crowdsourcing in the past for help with isolated cases, aided by these largely voluntary "open-source intelligence" (OSINT) enthusiasts.

But Linda Cavanagh, of the Canberra Cyber Security Innovation Node, said the Australian event was the first of its kind to be deployed on a national scale.

10 of the Best Tools to Find Relevant Influencers on Social Media

Image



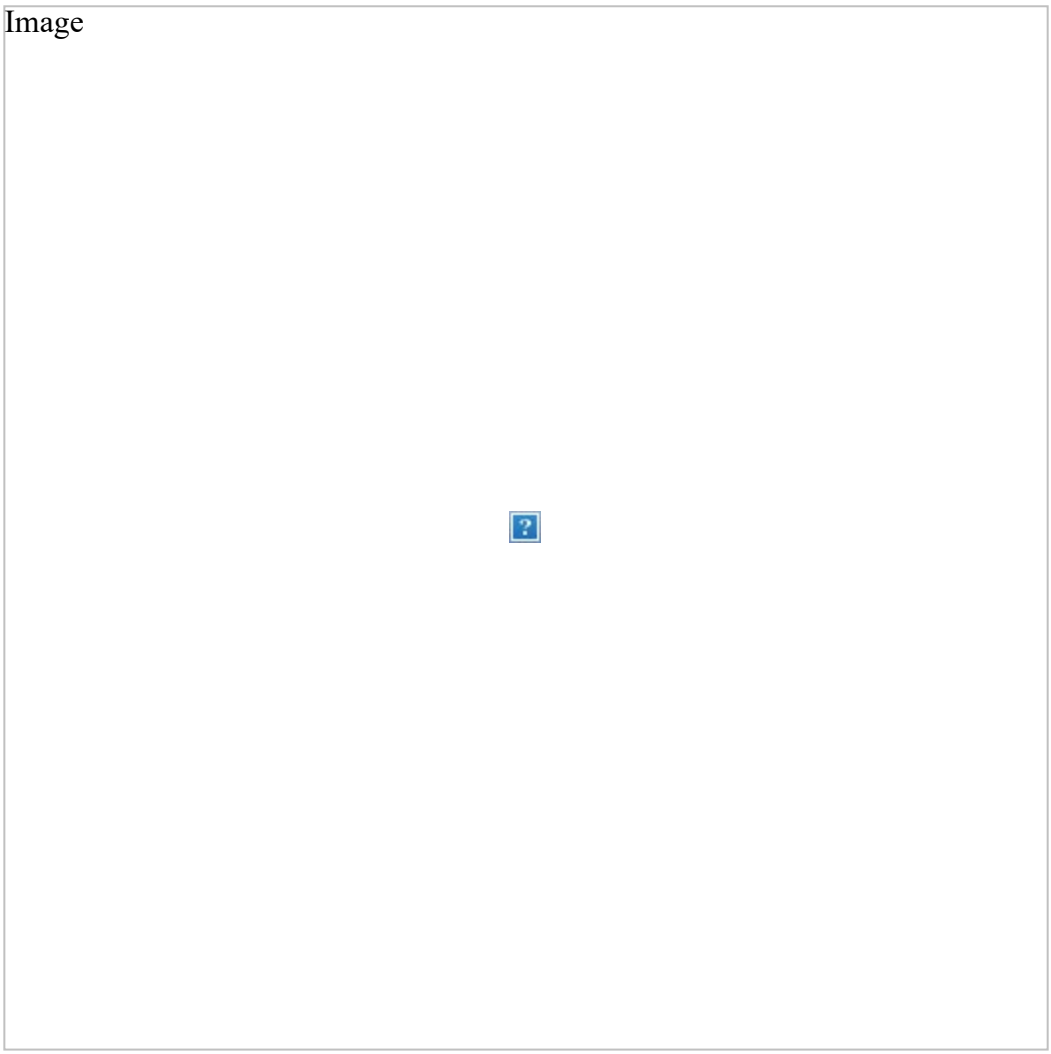
While it's become a much bigger consideration in recent years, influencer marketing, as a practice, has actually existed for a very long time. In the past, however, influencers were only on

TV or in magazines, and unlike social media, TV and newspapers are limited, which led to a situation where a select number of celebrities were able to charge tons of money for making an ad for Pepsi or Swatch in order to influence consumer behavior.

With the birth of social platforms, everything changed. The Internet has no limits, there can be as many influencers as the world requires. They can be of any age and social status, and in any area of expertise (or no area of expertise). And they can work with any brand.

How Your Volunteering Trip Could Contribute To Human Trafficking

Image



The advent of cheap air travel and Instragammable holiday

photos, combined with a longing for meaning, has created a new breed of traveler: the voluntourist. This ever-growing trend describes people, most often young and affluent Westerners, who travel to the global South to help with community projects.

While no doubt sweetly intentioned, there is considerable concern over the fad of "voluntourism" and whether it does more harm than good for the communities in developing countries – especially when it involves children or work at an orphanage. On the surface of the problem, it's questionable whether treating the developing world as a playground is an effective model to address systemic poverty and care for vulnerable children.

An anthropological study published in the Journal of Sustainable Tourism has shown how volunteer programs can actually contribute towards a superficial understanding of poverty that distracts from the larger systems that produce inequality and poverty. Through a series of in-depth interviews with young people from the US who volunteered in Malawi, they found their volunteer work was often carried out through a colonial and "mythologized" image of a helpless Africa needing the benevolence of the West. The volunteers also viewed African poverty in terms of the "American Dream" and the idea of pulling oneself out of poverty through hard work, as opposed to deep-rooted economic, social, and historical factors at play.

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If you have an article you would like to see featured in this publication please contact Brian Gray at intelligenceanalysis@mac.com

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Date: Wednesday, October 30, 2019 8:31:49 AM

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Each Wednesday, we share with you a few of the articles or intelligence-based publications that have come across our desk. We are exicted to see, each week, Law Enforcement Officers, Analysts and Administrators from around the world reading this.

If you have a publication or an article that you feel needs to be shared, please send these to IntelligenceAnalysis@mac.com for review.

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Wednesday 10/30/19

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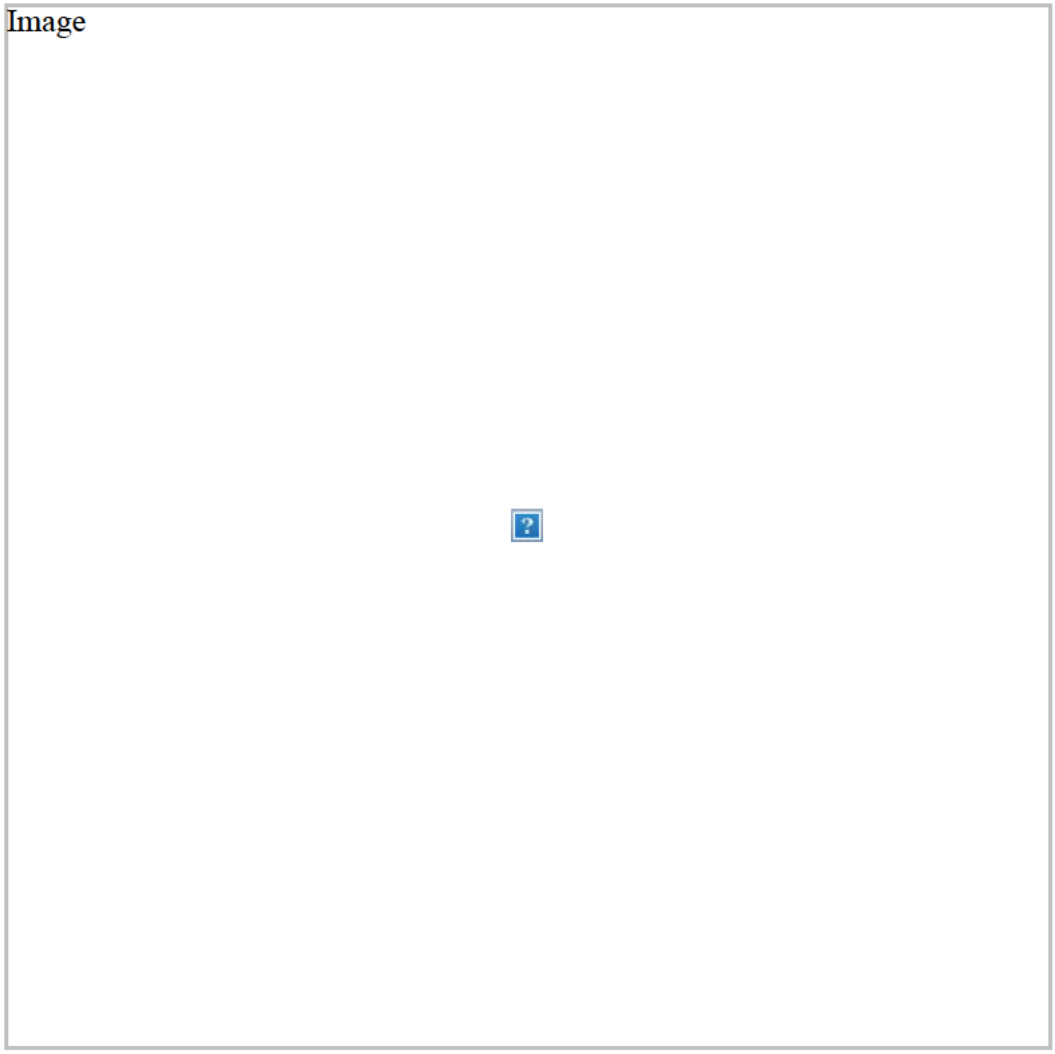
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BAE wins open source intelligence

contract from the Army



The Army has awarded BAE Systems a $437 million task order for open source intelligence support, the company announced Oct. 15 during the 2019 Association of the United States Army conference.

As part of the task order, BAE Systems will provide the Army and Army Intelligence & Security Command (INSCOM) approved partners with open source solutions to publicly available data.

“We’re proud to continue to partner with the U.S. Army and support their critical national security missions with this new capability,” Peder Jungck, vice president and general manager of BAE Systems’ intelligence solutions business.

The company won the initial award of the five-year task order

and began ramping up in August, Jungck said. The task order is an extension of projects the company has been doing for the Army, but this is the first time the work been consolidated and awarded as a larger contract, he explained.

“If you look at contracts in general around OSINT there’s been kind of small ones, there’s been lots of pilots out of agencies and even within the Army and throughout INSCOM there were different kind of brigades and battalions that had their own set of tools," he said. "This is one of the first of the really large OSINT and AI consolidation contracts. I don’t think anybody’s really had a large one like this.”

Calif. police stand by cop after video released in 2017 OIS of murder suspect

Image



FRESNO, Calif. — Community activists are expressing outrage

after seeing video footage that shows a Fresno police sergeant fatally shooting an unarmed 16-year-old boy as he fled during a foot pursuit.

Meanwhile, the local police union and supporters of law enforcement have stepped up in support of the sergeant, saying he acted within guidelines while pursuing a murder suspect.

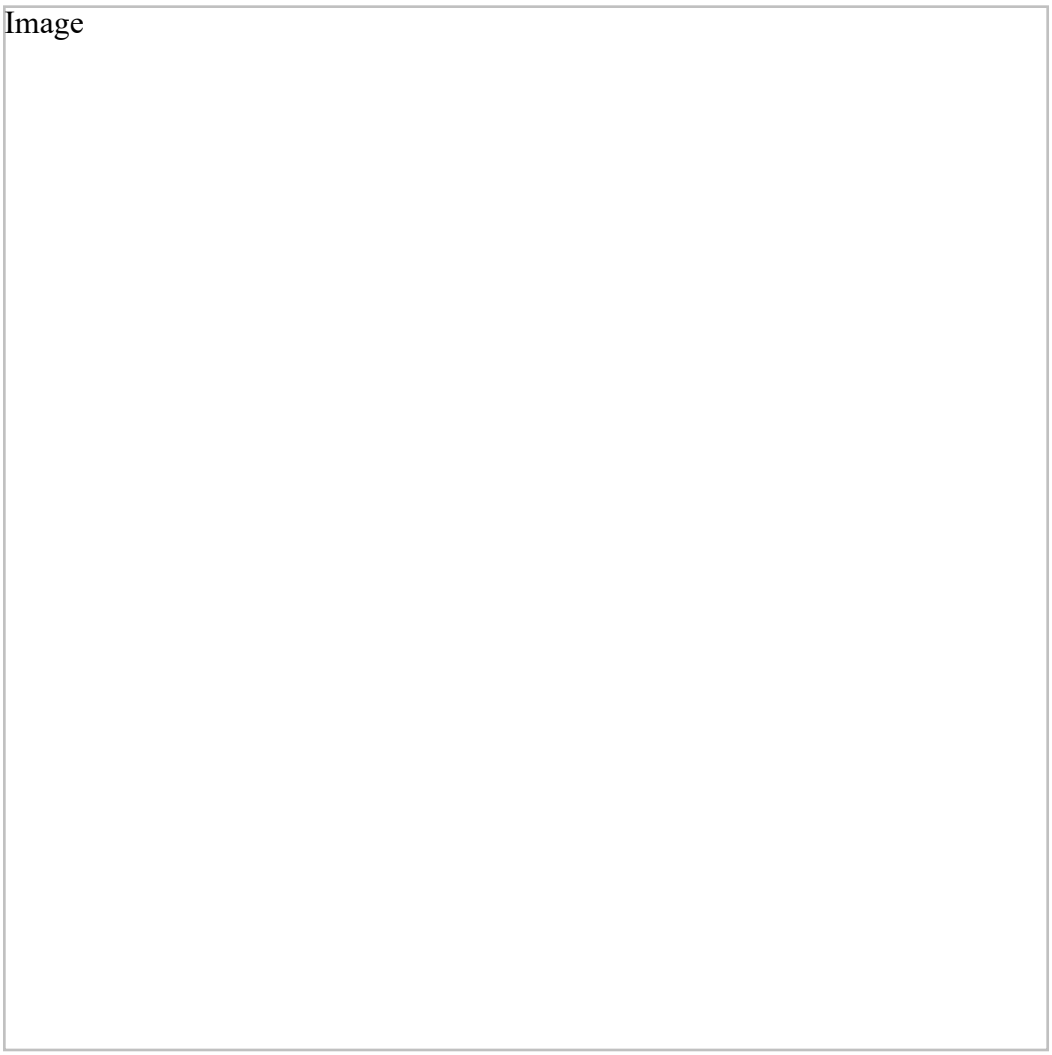
The footage shows Sgt. Ray Villalvazo firing a single shot into the back of Isiah Murrietta-Golding's head, according to a lawsuit filed on behalf of the teen's family.

The video was captured on a surveillance camera at a daycare facility on April 14, 2017, and was released by attorney Stuart Chandler, who's representing the family of Murrietta-Golding. The boy's family alleges the sergeant used excessive and unlawful deadly force, and committed assault and battery with negligence.

Additionally, in footage released from a police officer's body camera, one officer is heard shouting "good shot" as officers handcuff and search the already prone Murrietta-Golding.

Asia has an organized-crime problem. Canada is well placed to help

Image



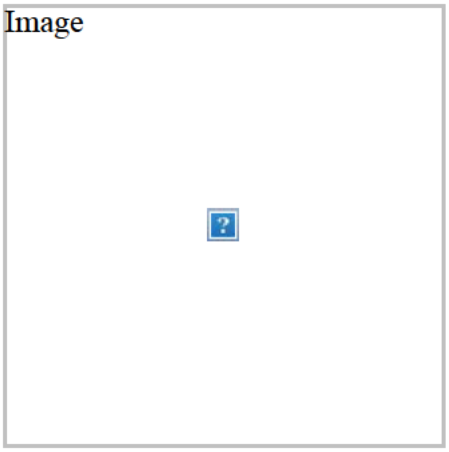
Jeremy Douglas is the regional representative for the United Nations Office on Drugs and Crime (UNODC) for Southeast Asia and the Pacific and a former UNODC representative for Pakistan. The opinions expressed in this commentary are his.

More than a few eyebrows went up last week when Tse Chi Lop – a 55-year-old Canadian man – was accused of being arguably the biggest drug trafficker in the history of Asia.

Mr. Tse is suspected – by police in Myanmar, Australia and Taiwan, and by the United Nations Office on Drugs and Crime (UNODC) – of being the leader of Sam Gor, or Brother Number Three, a supersyndicate largely responsible for the dramatic shift in recent years in organized crime away from drugs such as heroin and toward synthetics, such as methamphetamine, ketamine and fentanyl. It's a shift that has been driven by control and profit, since synthetics offer many advantages to criminal organizations: Labs can be quickly set up or moved;

they are not subject to external conditions such as climate, nor do they require large work forces; and production can be rapidly scaled up to drive the market. Put these things together and it means the disruption of the traditional drug business and the heavily concentrated profits that come with it.

Florida Senator Rick Scott Announces Legislation To Address 'FBI Failures' Regarding Parkland Shooting



MIAMI (CBSMiami) – Florida Senator Rick Scott announced legislation Thursday to hold the Federal Bureau of Investigations accountable for its 'failures to address critical deficiencies in its handling of actionable intelligence' in regards to the mass shooting at Marjory Stoneman Douglas High School in 2018.

The 'Threat Information Protocol for Sharing (TIPS) Act' is supported by Stand with Parkland, an organization founded by the family members of the victims of the Parkland shooting.

"Not a day goes by that I don't think about the 17 souls that were taken from us in a brutal act of violence at Marjory Stoneman Douglas High School. Following the tragedy, we all worked together to pass the Marjory Stoneman Douglas High School Public Safety Act to make our schools safer and prevent future tragedies, but we aren't finished. We cannot accept the repeated failures of the FBI to properly investigate and act on specific tips received about the Parkland shooter, as well as other perpetrators of mass violence in Florida. I'm

proud to stand with the family members of the victims to announce the TIPS Act, which bridges the gap between federal and state law enforcement agencies by mandating information sharing of all state-specific criminal intelligence tips. This is about getting information on threats into the hands of the right people, who can ultimately prevent violence and protect our families," Scott said.

Majority of Mexicans Say Organized Crime Stronger than Government after El Chapo's Son Released

Image



A majority of Mexicans see organized crime as more powerful than the Mexican government after government forces capitulated to drug-cartel strongmen and released the son of

the former cartel leader Joaquín Guzmán, known as “El Chapo.”

About 56 percent of Mexicans say they believe organized crime is stronger, while only 33 percent say the government is stronger, according to a poll by the Mexican newspaper Reforma.

Mexican authorities were forced on Thursday to release Ovidio Guzmán López, El Chapo’s son, shortly after capturing him, when the Sinaloa cartel laid siege to the city of Culiacán and surrounded Mexican troops, taking eight soldiers hostage. Officials said at least 14 people died during the clashes between cartel members and Mexican soldiers.

49 percent of respondents in the Reforma poll disagreed with the decision to release López, while 45 percent said they supported it. Residents of Culiacán expressed relief that the government had surrendered, saying the decision prevented further violence.

Mexican lawmen get FBI training to combat organized crime, terrorism

Image

JUAREZ, Mexico — Three Chihuahua state lawmen recently completed intelligence and intervention training courses sponsored by the FBI, according to the State Security Commission.

Alvaro Serrano Escobedo, the commission's operations director, received training on anti-terrorism, intelligence gathering, leadership and the combat of organized crime at FBI headquarters in Quantico, Virginia. The training is part of the FBI's Mexican Law Enforcement Executive Development (MEXLEED) program, the commission said in a news release.

Ginés Jaime Ruiz García, first officer of the Chihuahua State Police, and Jesús Alejandro Cruz Rangel, who heads rural operations for the agency, attended the FBI's Mexican American Liaison and Law Enforcement Training (MALLET) program in South Padre Island, Texas, the commission said.

The three lawmen were among 30 duly vetted Mexican officials chosen by the FBI for training this year, the commission said.

63 accused drug dealers plead guilty in heroin, fentanyl and cocaine trafficking rings

Image

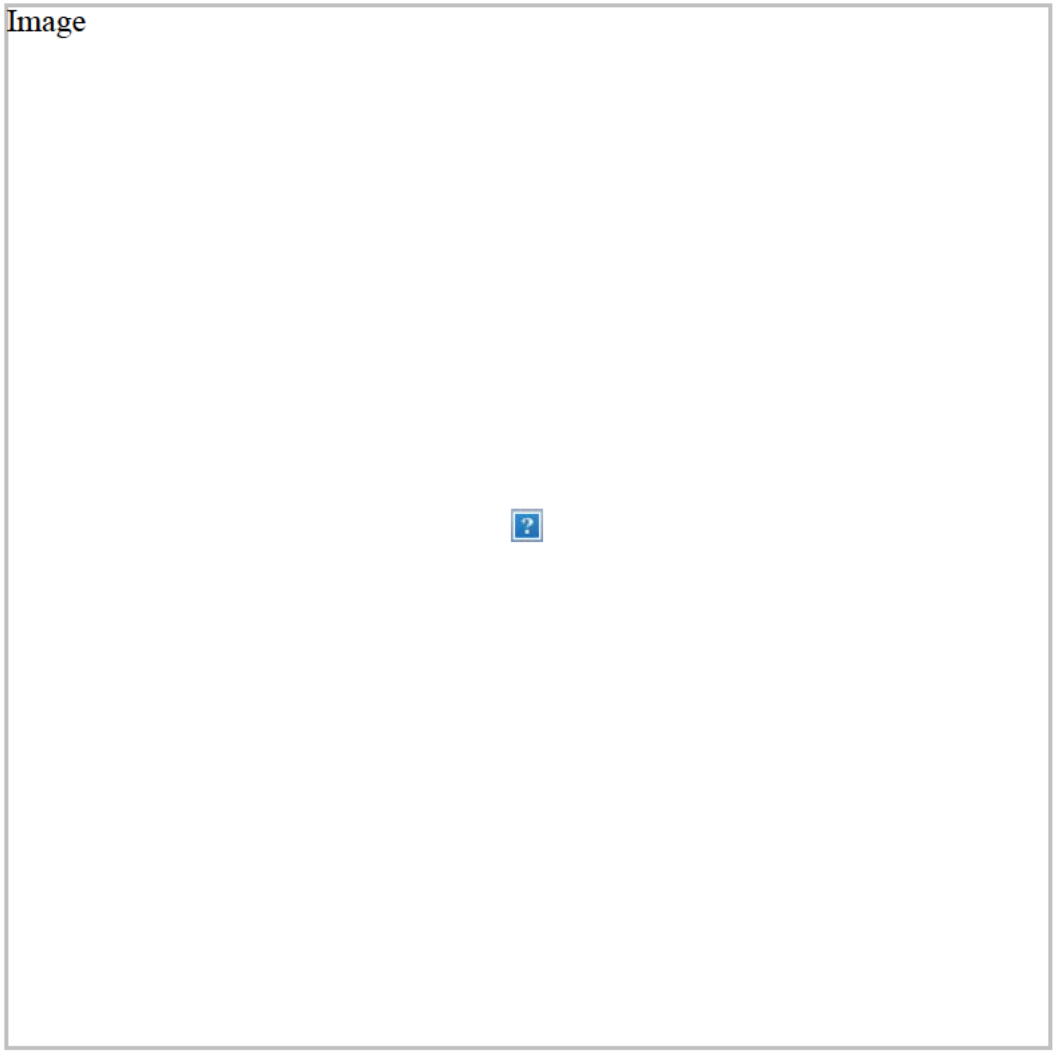
SYRACUSE — New York State Attorney General Letitia James has announced the guilty pleas of 63 people for their roles in two major narcotics trafficking operations that transported heroin, fentanyl, and cocaine to Onondaga, St. Lawrence, Oswego, Oneida, and Jefferson counties.

The investigation resulted in the recovery of approximately 4,700 bags of heroin and fentanyl, worth approximately $140,000, and approximately 2 kilograms of cocaine, worth more than $200,000, according to a news release from the Attorney General's office.

“These individuals flooded our communities with dangerous drugs that are putting New Yorkers at great risk,” said Attorney General Letitia James in the news release.

House bill would give border agents tool to detect synthetic opioids

Image



A bill that would give U.S. Customs and Border Protection (CBP) agents the equipment to detect synthetic opioids has been introduced in the U.S. House.

The DHS Opioid Detection Resilience Act of 2019 requires the Commissioner of CBP to procure chemical screening devices that allow border patrol agents to identify narcotics, including synthetic opioids, with purity levels of less than 10 percent. A

2018 study by the Drug Enforcement Administration (DEA) found that most fentanyl seized at the southwest border tends to be less than 10 percent pure. These changes would fill the gap that currently exists in identifying these synthetic opioids.

“Stopping the flow of illegal drugs across our southern border and at ports of entry is a top priority for our CBP law enforcement officers. This includes fentanyl and other synthetic opioids that can be difficult to detect. Our legislation ensures that DHS has the necessary equipment to detect synthetic opioids and the ability to adapt as smuggling methods evolve. We want to prevent this poison from ever reaching American communities, and our bill helps law enforcement carry out that mission,” Rep. Clay Higgins (R-LA), the bill’s sponsor, said.

Teens brawl with police in Brooklyn subway station

Image

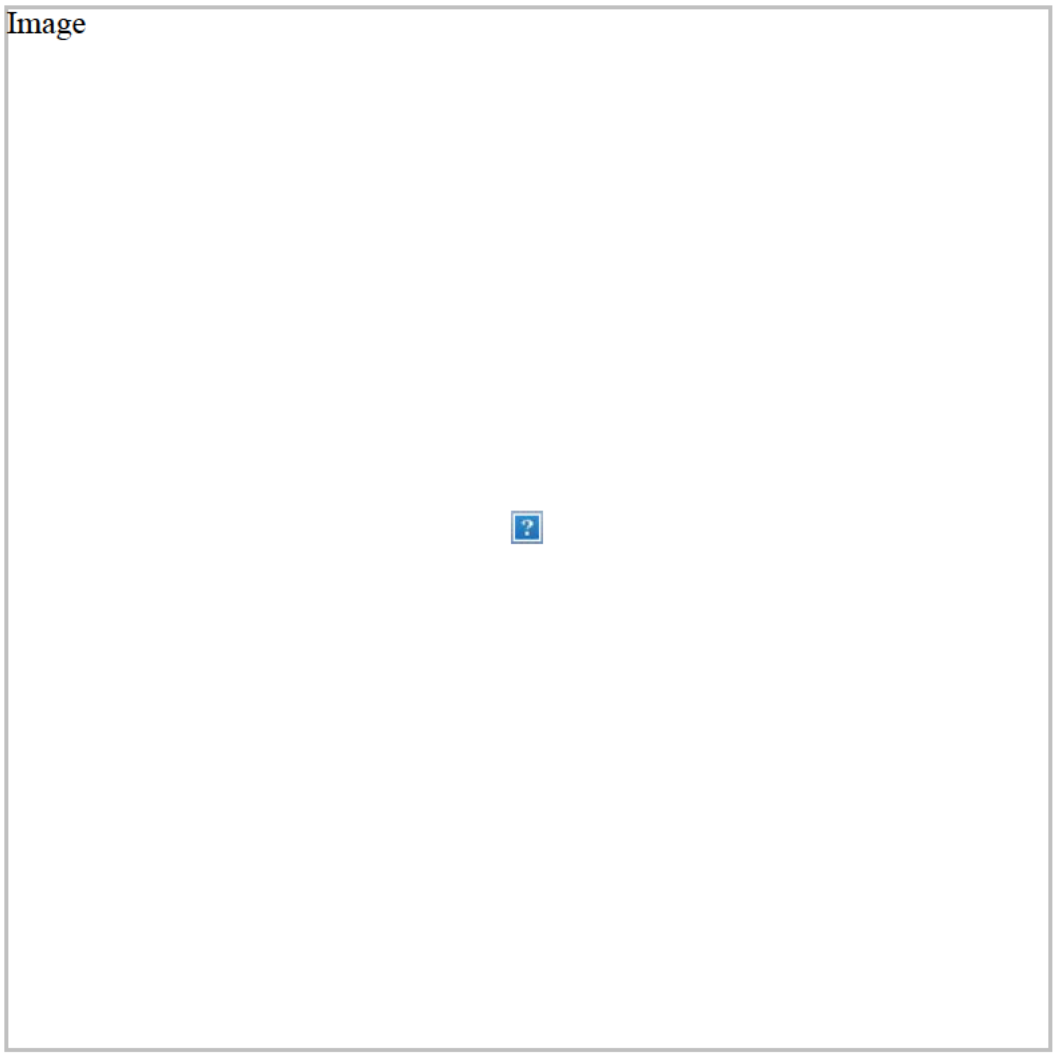
BROOKLYN, N.Y. – A video showing members of the NYPD trying to break up a fight and instead ending up in an all-out brawl with a mob of New Yorkers has gone viral… and media outlets were quick to condemn the cops who were involved.

The Post said that the incident unfolded on Saturday morning around 2:30 a.m. as officers responded to the scene of a fight on the platform of a subway station. The fights had originally began up on Jay Street between two groups of people before the violence spilled down into the station.

Cell phone video captured at the scene shows officers rush into the area and try to pull the brawling teens apart, attempting to put one of the suspects in handcuffs. Other individuals on the outside of the skirmish appear to be pulling the officers away.

The heartbreaking final text this human trafficking victim sent before dying in UK truck

Image



A 26-year-old Vietnamese woman texted her mom frantically that she was suffocating in the truck in which the bodies of 39 people were found in England — and apologized that her journey to a better life ended tragically, according to a report.

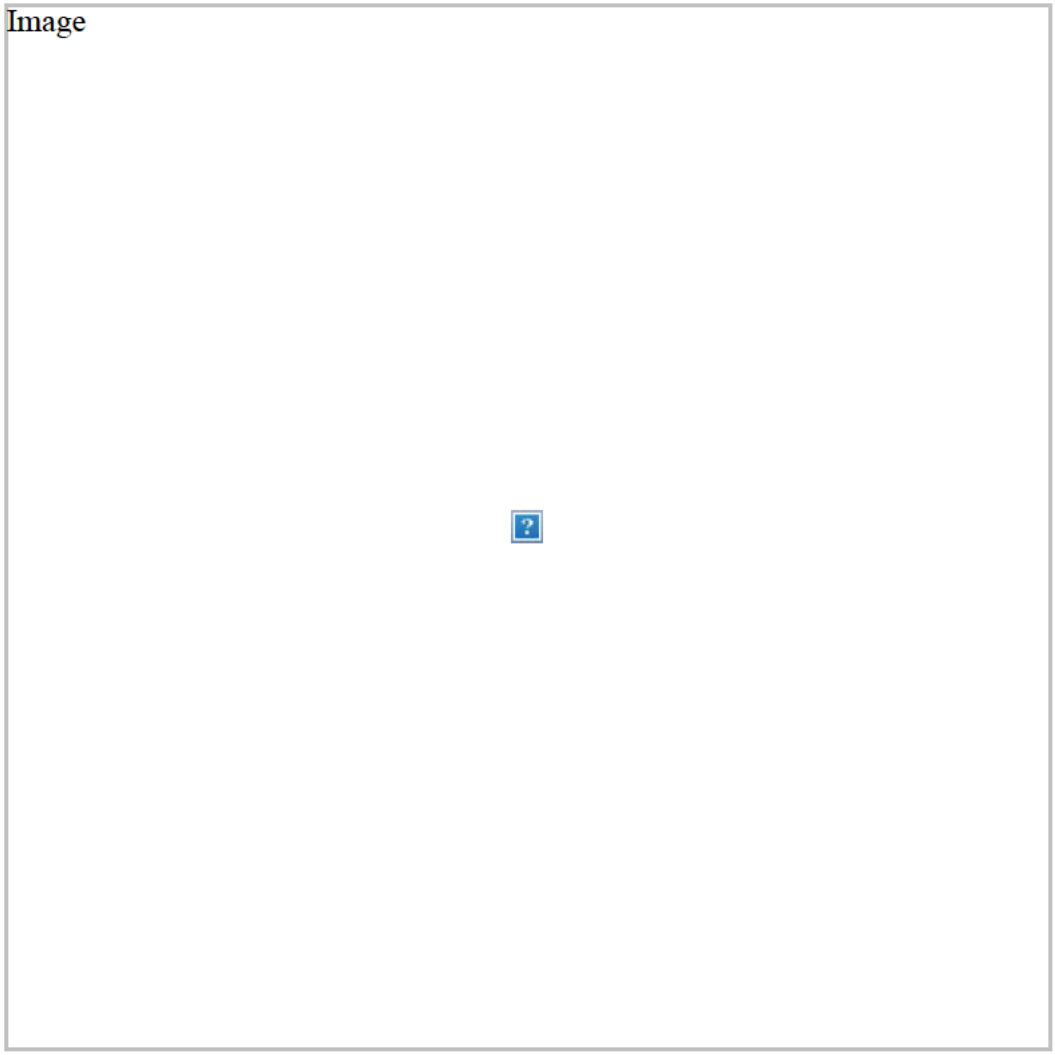
“I’m sorry Mom, my path to abroad didn’t succeed,” Pham Thi Tra My wrote in a series of messages about 10:30 p.m. Tuesday, according to the Mirror.

“Mom, I love you and Dad so much! I’m dying because I can’t breathe,” she added.

News about the young woman’s final moments emerged as two more people were arrested after eight women and 31 men were found dead Wednesday in a case that has shocked

Britain and made headlines around the world.

Labor Trafficking Is A Crime You Probably Don't Notice



It has been more than four years since Catherine Piedad called 911 from a $1.7 million home in Newton.

In 2015, she worked long hours to care for a Russian family's young twins. Her passport was taken, and she slept in a small room with little light and nowhere to store her clothes. When she asked to be paid, her employer threatened to send her back to the Philippines. She feared deportation and did not know who to trust.

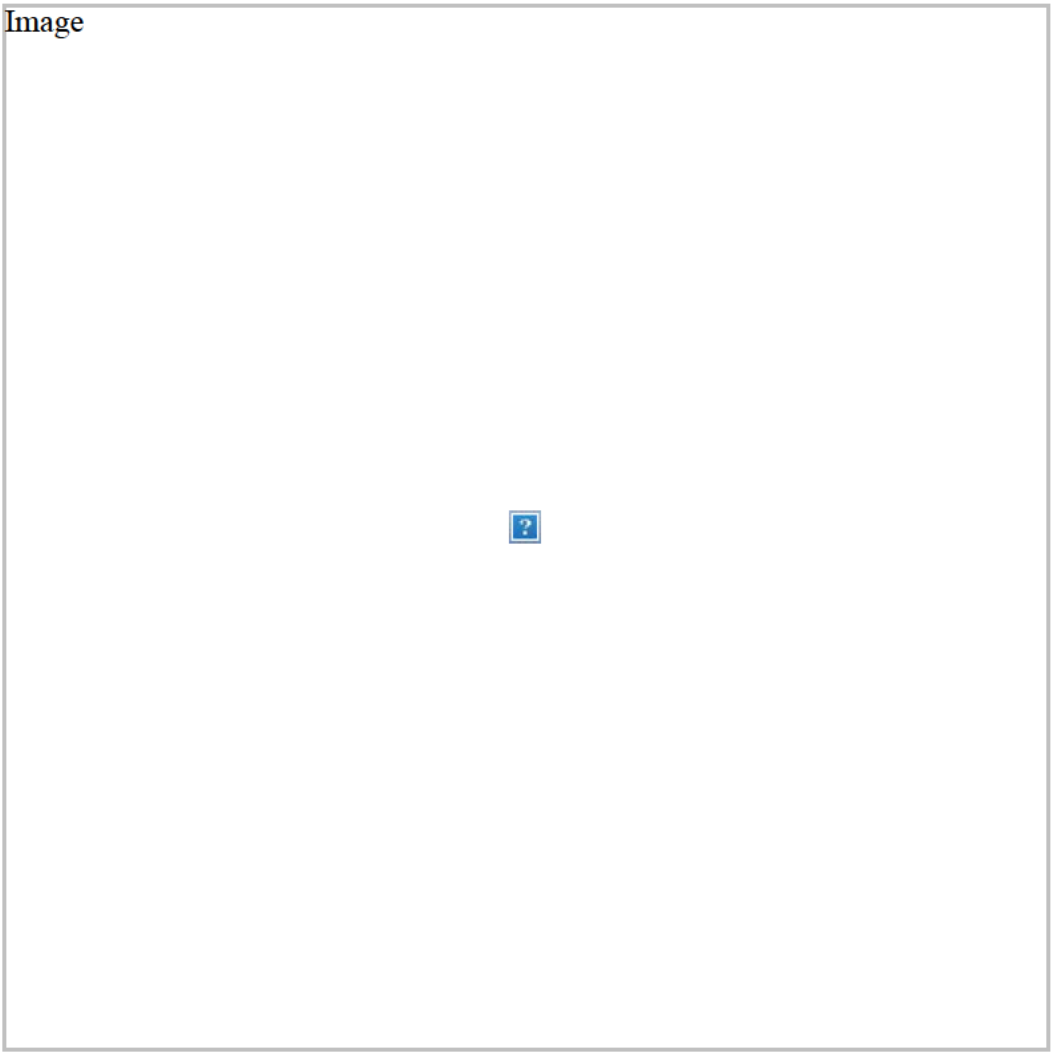
Despite her fear, she called 911. Law enforcement helped her

to leave the family's home but did little else. They did not see her case as "labor trafficking." Instead, the incident was labeled a "labor dispute." Piedad struggled to access her rights — despite the robust federal and state laws designed to protect her.

You've probably heard of sex trafficking, which often involves perpetrators who force, trick or coerce victims into sexual servitude. Although difficult to see, sex trafficking is often visible to law enforcement through the internet: perpetrators sometimes leave a footprint online, which can provide a critical entry point for criminal investigations.

The Mafia's history in Las Vegas: From Bugsy Siegel to Anthony Spilotro

Image



Benjamin "Bugsy" Siegel had been at the helm of the Flamingo

for only six months in June 1947 when he was killed in a hail of gunfire at his girlfriend's Beverly Hills, Calif., home.

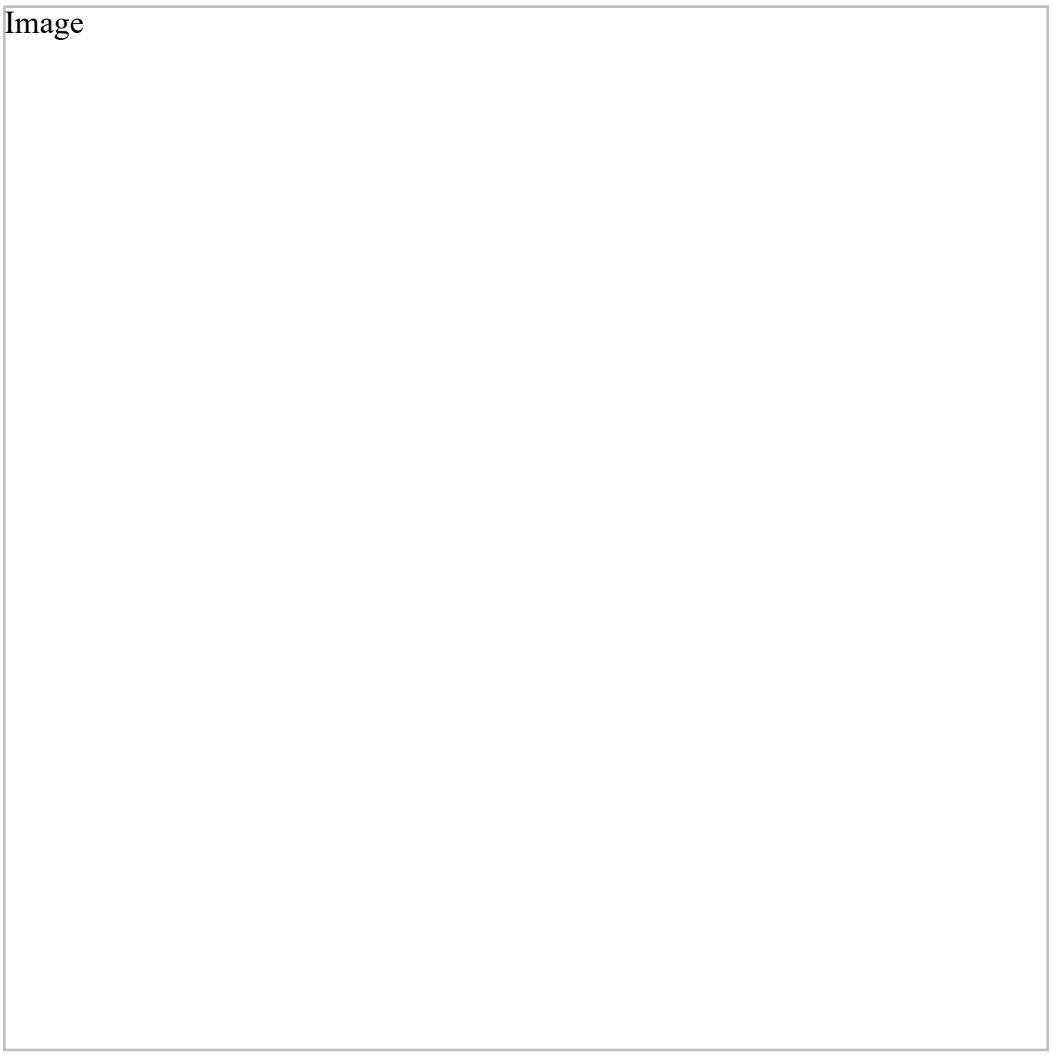
But his vision for the Flamingo, the first resort-style hotel on the Strip, was the beginning of a 50-year relationship between Las Vegas and traditional organized crime that helped define "Sin City"and turn it into one of the world's top tourist destinations.

"The general perception on the part of the public is that Las Vegas and the mob have been inextricably linked, and I don't think it will ever be extricated," former longtime state archivist Guy Rocha says.

Groundbreaking books such as "The Green Felt Jungle" in 1963, which revealed the mob's early grip on the city, and popular movies such as "The Godfather" in 1972 and "Casino" in 1995 enhanced this perception through the years.

So did the buzz on the Strip over the Rat Pack, led by headliner Frank Sinatra and his associations with high-profile underworld figures.

New Bill To Bring Illegal Gambling In California Closer To An End



Gambling in the US, as well as in the whole world, is one of the most entertaining and lucrative endeavors. Not only does it provide fun and joy to the players, but it also offers an opportunity to make a fortune.

The gambling operators all around the world are doing everything they can to attract new customers. From online free spins for Australians to no deposit bonuses and other promotions in other countries, casino operators are full of such impressive offers.

However, the industry isn't just this fairy-tale source of joy and money. It also has its drawbacks. With problem gambling, organized crime, and money laundering prospects, gambling has long been considered threatening to society.

That's the reason why the US government, alongside other governments worldwide, have been eager to put the industry

under the limitations and protect the interests of their citizens. With the regulatory restrictions and measures, the government officials have deemed ill-gotten gains illegal and contributed to ending gambling-related crime.

Best true-crime books of all time

Image

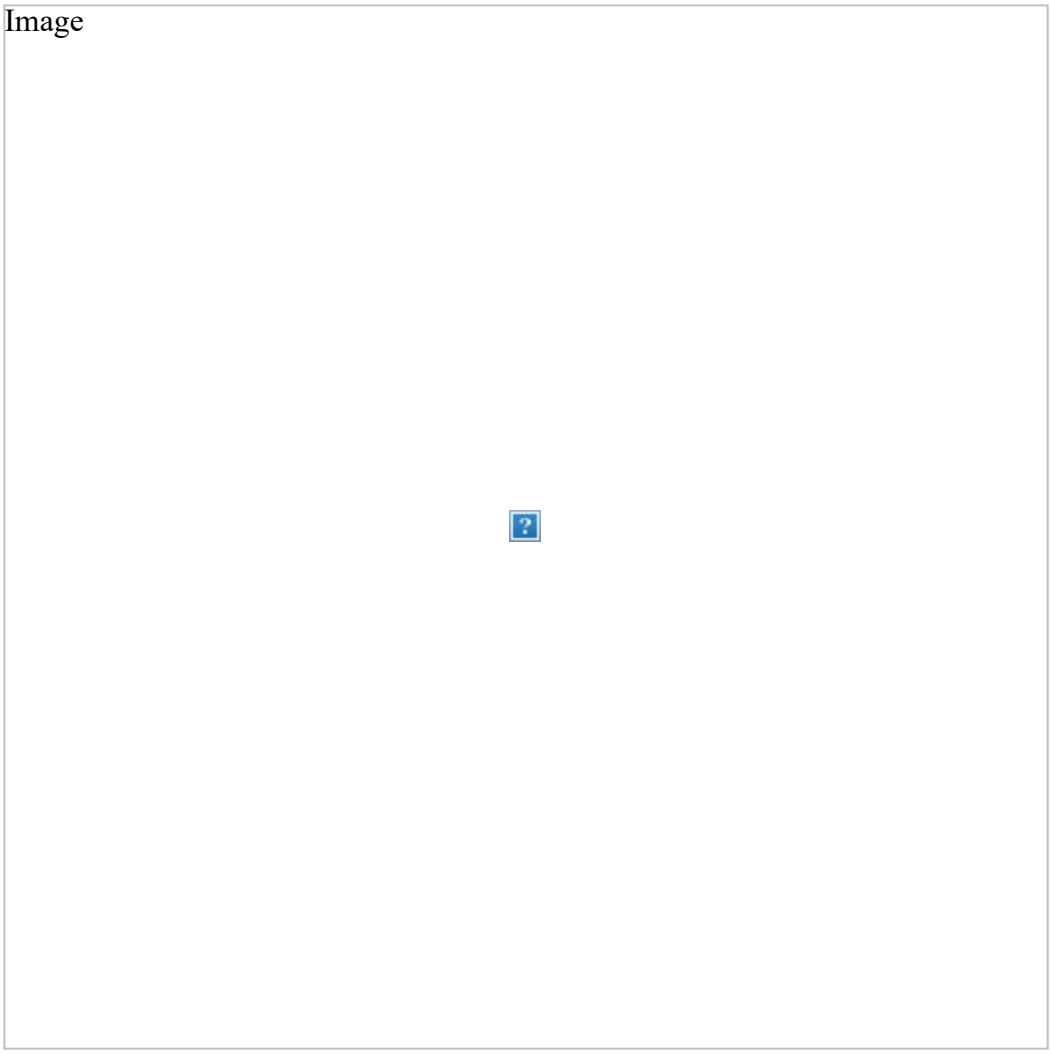


Terrifying tales are not the domain of fiction alone. If you are in search of bone-chilling scares, we recommend you turn to true crime. The key word being true. That's right, no imagination needed. Including stories about such horrific figures as Charles Manson and Ted Bundy, Goodreads compiled a list of the top 10 true-crime books of all time based on the lists, reviews and ratings of their more than 90 million members.

AP

How a Facebook Crime Page Led to Arrest of N.C. Woman in Cold Case Killing of Sister-in-Law

Image



A Facebook page devoted to the murdered, missing or miscreant residents of western North Carolina is being credited with helping authorities bring charges in the 15-year-old cold-case killing of a missing mom of four, allegedly at the hands of her sister-in-law.

The tip that led authorities to a “shallow grave” containing the remains believed to be those of 29-year-old Deborah Elaine Deans “proved to be very accurate and very reliable,” Nash

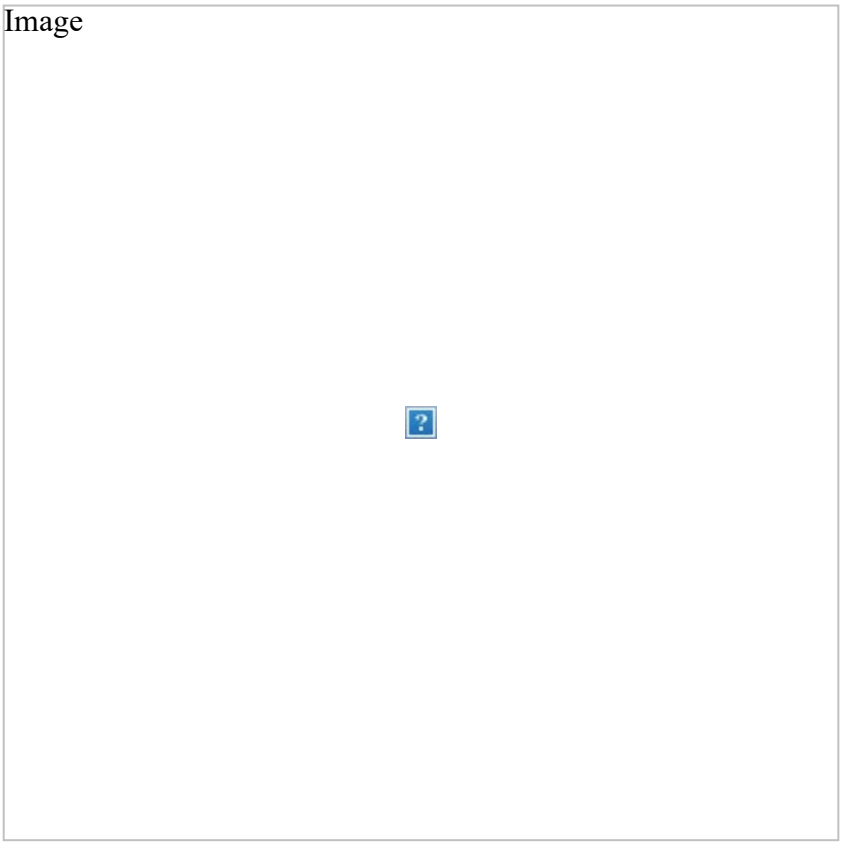
County Sheriff Keith Stone told reporters last week.

But the tipster did not go to police at first.

Instead, the unidentified person sent information about the alleged crime to a woman who created and runs a Facebook page called Fighting Crime News and Who's Wanted, an online outlet whose updates range from wanted posters to promotions of local elections and warnings about traffic tie-ups.

On October 20, a re-post about the unsolved missing-person case of Deans — who was last seen around 9 a.m. on January 19, 2004, at a residence on Wiley Road in Spring Hope — elicited a "very detailed" response that was forwarded to authorities by the Facebook page creator, said Nash.

Google Maps Adds ability to see speed limits and speed traps in 40+ countries



Google Maps is gaining some features previously exclusive to Google's navigation app, Waze. The company confirmed it's rolling out the ability for Google Maps users to see speed limits, speed cameras and mobile speed cameras in more than 40 countries worldwide — an expansion of its earlier launch of these features, which were previously limited to select markets.

The change was noted earlier by ZDNet and, of course, Reddit.

Google confirmed with TechCrunch the full list of supported countries now seeing the speed cameras, which currently includes: Australia, Brazil, U.S., Canada, U.K., India, Mexico, Russia, Japan, Andorra, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, Greece, Hungary, Iceland, Israel, Italy, Jordan, Kuwait, Latvia, Lithuania, Malta, Morocco, Namibia, Netherlands, Norway, Oman, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, South Africa, Spain, Sweden, Tunisia, and Zimbabwe.

The Ethics Board of One of the Largest Vendors of Police Tech (Axon) Makes the Case Against ALPRs

Image

Automated License Plate Readers (ALPRs)—a mass surveillance technology that allows law enforcement to record the location and travel patterns of nearly every driver on the road—are poorly regulated, threaten privacy, and worsen the racial and economic inequalities already ingrained in our justice system.

That's what EFF and other advocates have been saying for years. But now it's coming from an oversight body formed by one of the nation's largest police tech vendors.

Last week, the AI and Policing Technology Ethics Board at Axon, a tech company best known for popularizing body-worn cameras and the Taser, released a damning report concerning the commercial sale of ALPRs. The board, whose purpose is to "help guide and advise the company on ethical issues," concluded that while it sees the potential value of ALPRs, their current role in society is too broad and problematic. The sheer

amount of information that ALPRs gather and store was also a concern for the ethics board—particularly when privately collected data is often for sale to whoever wants to buy it.

ALPR systems include cameras that can be mounted on vehicles like police patrol cars or private tow trucks, or on stationary locations such as streetlights or overpasses. These cameras capture every license plate that passes and index them based on time, date, and location. A police officer can search ALPR databases to learn where a vehicle was in the past or even get real-time alerts when a driver passes by an ALPR camera. Research by EFF, MuckRock, and others have found that even small police departments are able to collect millions of plate scans a year, and often agencies are sharing this data with hundreds of other agencies across the country. Private companies also use ALPR and sell their data to police, financial lenders, insurance companies, private investigators, and debt collectors.

Amazon's Ring is 'the Neighborhood Watch of 2020,' police say as doorbell cams proliferate

Image

That’s all it took Livonia Police to arrest a man, who hours earlier was caught on video posted on Ring’s Neighbors app rummaging through the bed of a pickup parked in a driveway.

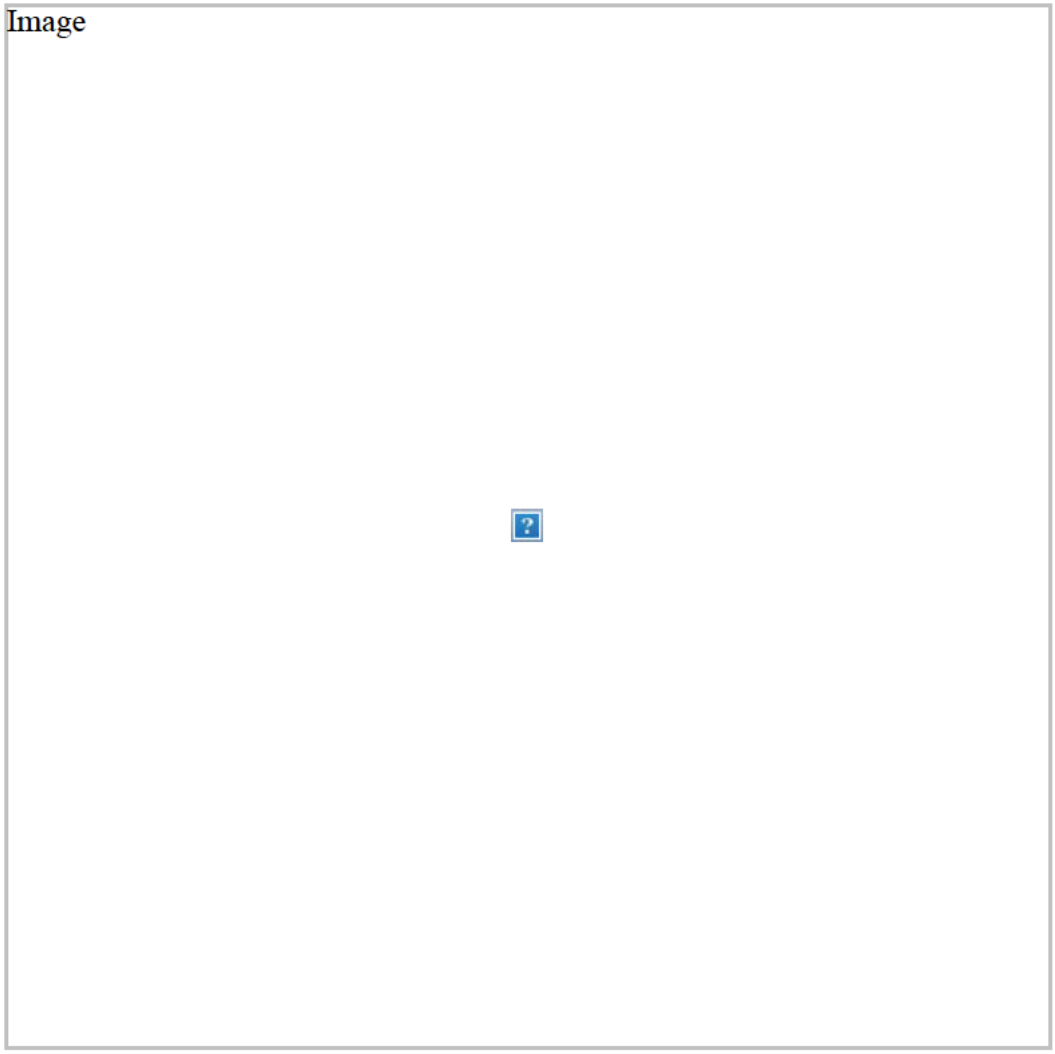
Detectives quickly recognized 60-year-old Jeffrey Couch when they saw the video posted by an app user in mid-August. Within a week, he pleaded no contest in court to two attempted larceny charges and was sentenced to 30 days in jail.

“I truly believe this is the Neighborhood Watch of 2020,” said Livonia Police Capt. Ronald Taig, whose force was one of the first law enforcement agencies in Michigan — and is one of more than 400 across the country — to partner with the Ring Neighbors app, owned by Amazon.

How the deadly drug fentanyl

is making its way to the US

Image



Trump administration officials are divided over part of a proposal to crack down on illicit versions of fentanyl, the deadly synthetic painkiller that President Donald Trump targeted in declaring a national opioid abuse emergency.

In an inter-agency dispute that highlights the challenges of curbing opioid abuse, the US Drug Enforcement Administration (DEA) is publicly backing tighter rules for fentanyl analogs, which are slightly altered copycat versions of the powerful drug fueling an explosion in overdoses.

In this case, the bill would cut the Food and Drug Administration out of the time-consuming review process by letting the DEA permanently classify illicit fentanyl analogs as Schedule I drugs, like heroin, which are deemed to be addictive with no medical use.

The DEA says these legal changes would help prosecutors keep pace with criminals who constantly churn out chemically tweaked fentanyl analogs to evade strict Schedule I regulations.

Of 70,200 US drug overdose deaths in 2017, according to the CDC, about 41% involved synthetic opioids, such as fentanyl and illicit analogs of it. Most of them are made in China.

Fentanyl, some versions of which are approved to treat cancer pain, is 100 times more potent than morphine.

Trump Orders Study of Root Causes of Crime, Policing Practices

Image

President Trump on Monday ordered Attorney General William Barr to establish a new commission to study crime and law enforcement with the goal of recommending “actions that can be taken to prevent, reduce, and control crime, increase respect for the law, and assist victims.”

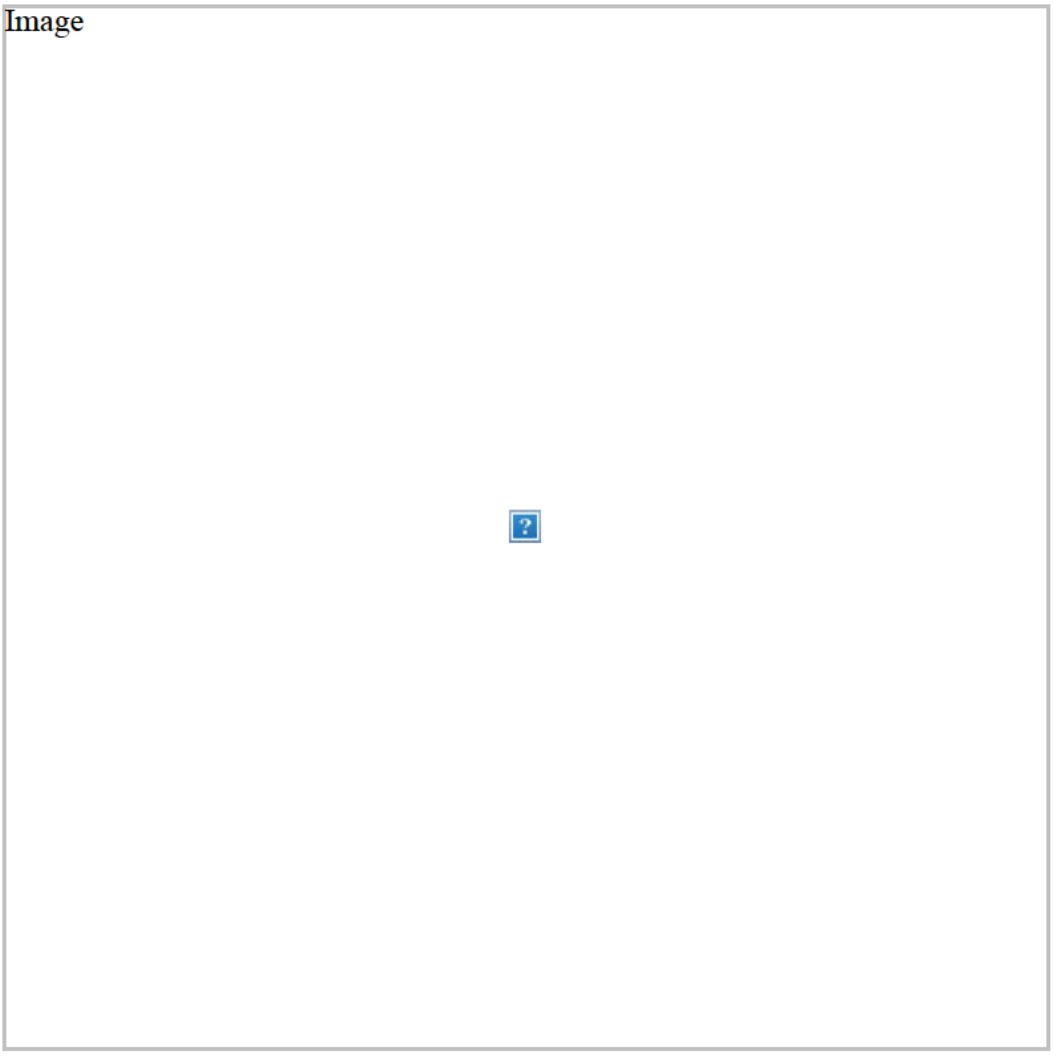
Following remarks in Chicago at the annual International Association of Chiefs of Police conference, the president signed an executive order establishing the Commission on Law Enforcement and the Administration of Justice. The commission will study the influence of substance abuse, homelessness and mental illness on crime as well as examine best practices to recruit, train and support law enforcement, among other things.

“Rigorous study of crime, including its causal factors, and current law enforcement practices is essential to assessing our current criminal justice system's merits and opportunities for

improvement," the executive order stated. "Public safety and proper policing are issues of both national and local significance that continue to require the close cooperation and coordination between the Department of Justice and state, local, and tribal law enforcement."

Quality Afterschool Programs Proven to Reduce Crime

Image



As a member of your District Attorney's Office for almost 30 years, and your DA for nearly 10, I've learned that the hours after school lets out are the prime time for juvenile crime.

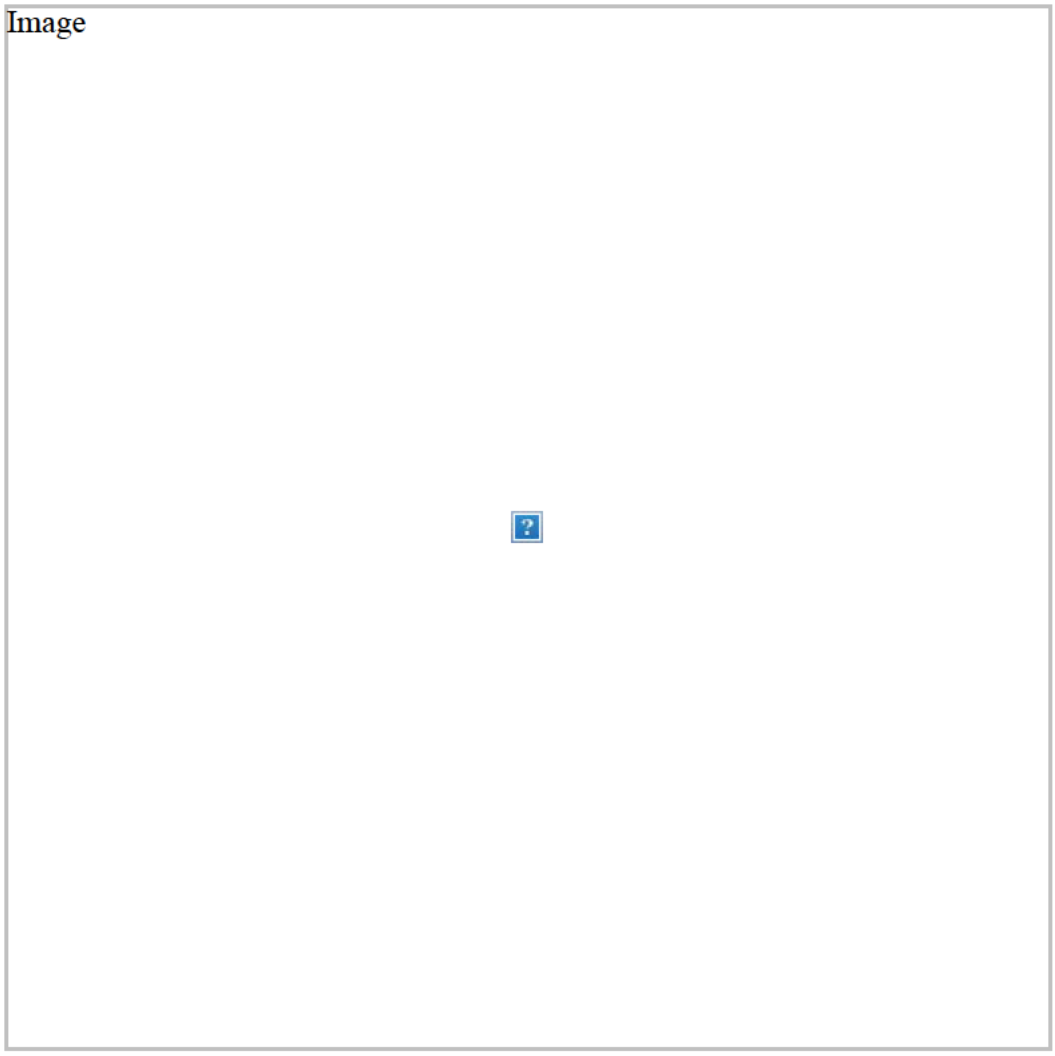
It is between these hours of 2 to 6 p.m. that youth are more likely to be arrested for assault, theft and drug-related crimes.

Quality afterschool programs have been proven to reduce these crimes in our community, keep students engaged, and improve academic performance and student behavior.

A new report from Fight Crime: Invest in Kids shows that when youth have access to high-quality, affordable afterschool programming, they benefit immensely from homework help and outdoor activities, and they're less likely to commit or become victims of crime.

Australia's government is floating an idea to scan internet users' faces before they can watch porn online

Image



Australia's Department of Home Affairs has touted an idea to use facial recognition software in order to verify internet users

ages before they can access pornography or gambling websites.

In its parliamentary submission, the department says that its Document Verification Service and Face Verification Service — though broadly intended to be used as systems for fighting crime and identity theft — could also be used by police for age verification controls.

"This could assist in age verification, for example by preventing a minor from using their parent's driver licence to circumvent age verification controls," the submission states.

"Whilst they are primarily designed to prevent identity crime, Home Affairs would support the increased use of the Document and Face Verification Services across the Australian economy to strengthen age verification processes."

Police turn to hackers in Australia's first crowdsourced attempt to find missing people

Image

For decades the traditional 'missing person' poster has been used to enlist the community's help to find individuals who may be in danger.

But with more than 2,600 Australians now listed as a "long-term" disappearance, the federal police are trying what they hope will be a more successful tactic: turning the search into a game.

More than 350 internet sleuths and "ethical hackers" — hobbyists and professionals — gathered at 10 locations around the country on Friday in a national missing-persons "hackathon".

The aim was to generate leads for 12 of Australia's most frustrating cold cases, using sophisticated but legal methods of trawling the internet.

And organisers said the results were astounding: 100 leads

were generated every 10 minutes the competing teams worked.

Police overseas have used crowdsourcing in the past for help with isolated cases, aided by these largely voluntary "open-source intelligence" (OSINT) enthusiasts.

But Linda Cavanagh, of the Canberra Cyber Security Innovation Node, said the Australian event was the first of its kind to be deployed on a national scale.

10 of the Best Tools to Find Relevant Influencers on Social Media

Image



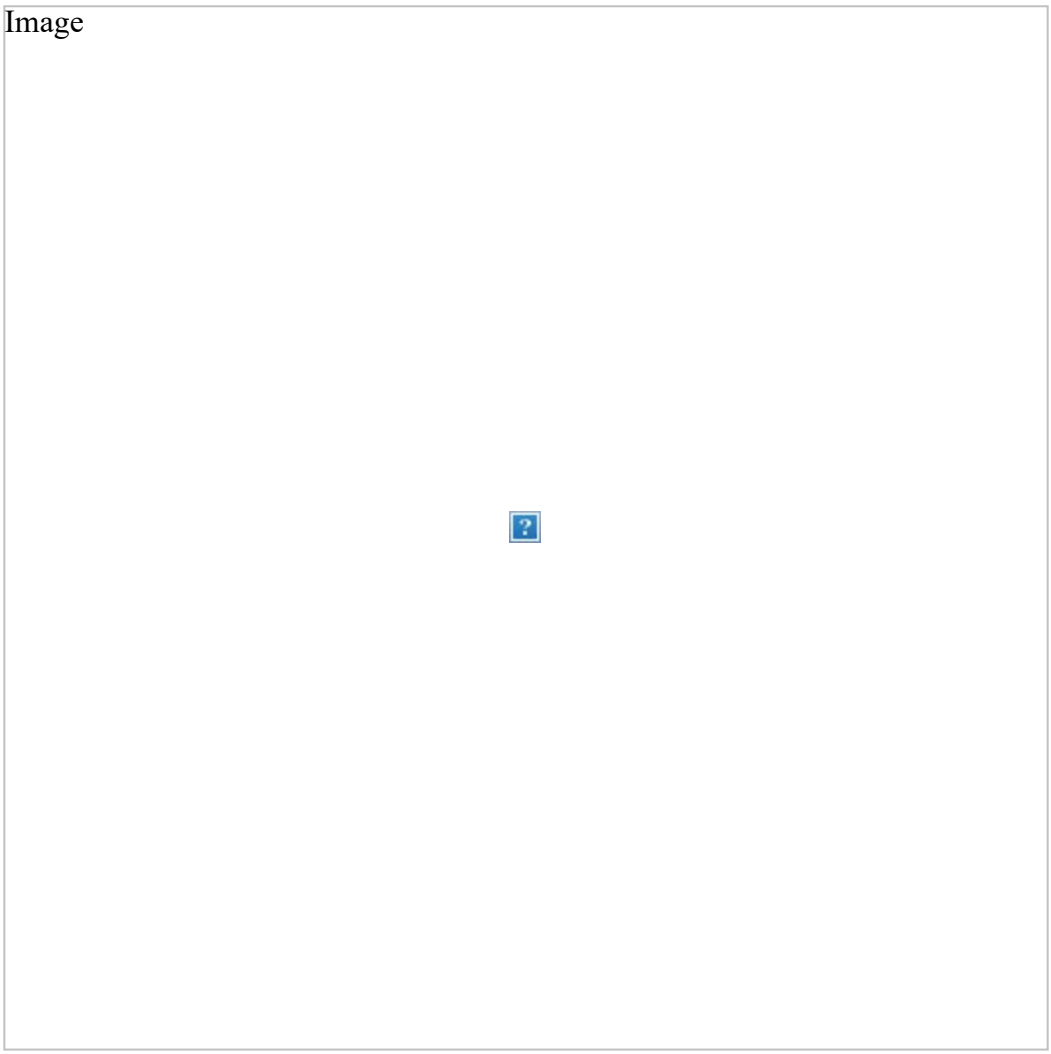
While it's become a much bigger consideration in recent years, influencer marketing, as a practice, has actually existed for a very long time. In the past, however, influencers were only on

TV or in magazines, and unlike social media, TV and newspapers are limited, which led to a situation where a select number of celebrities were able to charge tons of money for making an ad for Pepsi or Swatch in order to influence consumer behavior.

With the birth of social platforms, everything changed. The Internet has no limits, there can be as many influencers as the world requires. They can be of any age and social status, and in any area of expertise (or no area of expertise). And they can work with any brand.

How Your Volunteering Trip Could Contribute To Human Trafficking

Image



The advent of cheap air travel and Instragammable holiday

photos, combined with a longing for meaning, has created a new breed of traveler: the voluntourist. This ever-growing trend describes people, most often young and affluent Westerners, who travel to the global South to help with community projects.

While no doubt sweetly intentioned, there is considerable concern over the fad of “voluntourism” and whether it does more harm than good for the communities in developing countries – especially when it involves children or work at an orphanage. On the surface of the problem, it’s questionable whether treating the developing world as a playground is an effective model to address systemic poverty and care for vulnerable children.

An anthropological study published in the Journal of Sustainable Tourism has shown how volunteer programs can actually contribute towards a superficial understanding of poverty that distracts from the larger systems that produce inequality and poverty. Through a series of in-depth interviews with young people from the US who volunteered in Malawi, they found their volunteer work was often carried out through a colonial and “mythologized” image of a helpless Africa needing the benevolence of the West. The volunteers also viewed African poverty in terms of the “American Dream” and the idea of pulling oneself out of poverty through hard work, as opposed to deep-rooted economic, social, and historical factors at play.

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If you have an article you would like to see featured in this publication please contact Brian Gray at intelligenceanalysis@mac.com

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Date: Wednesday, October 30, 2019 8:41:39 AM

Image



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Each Wednesday, we share with you a few of the articles or intelligence-based publications that have come across our desk. We are exicted to see, each week, Law Enforcement Officers, Analysts and Administrators from around the world reading this.

If you have a publication or an article that you feel needs to be shared, please send these to IntelligenceAnalysis@mac.com for review.

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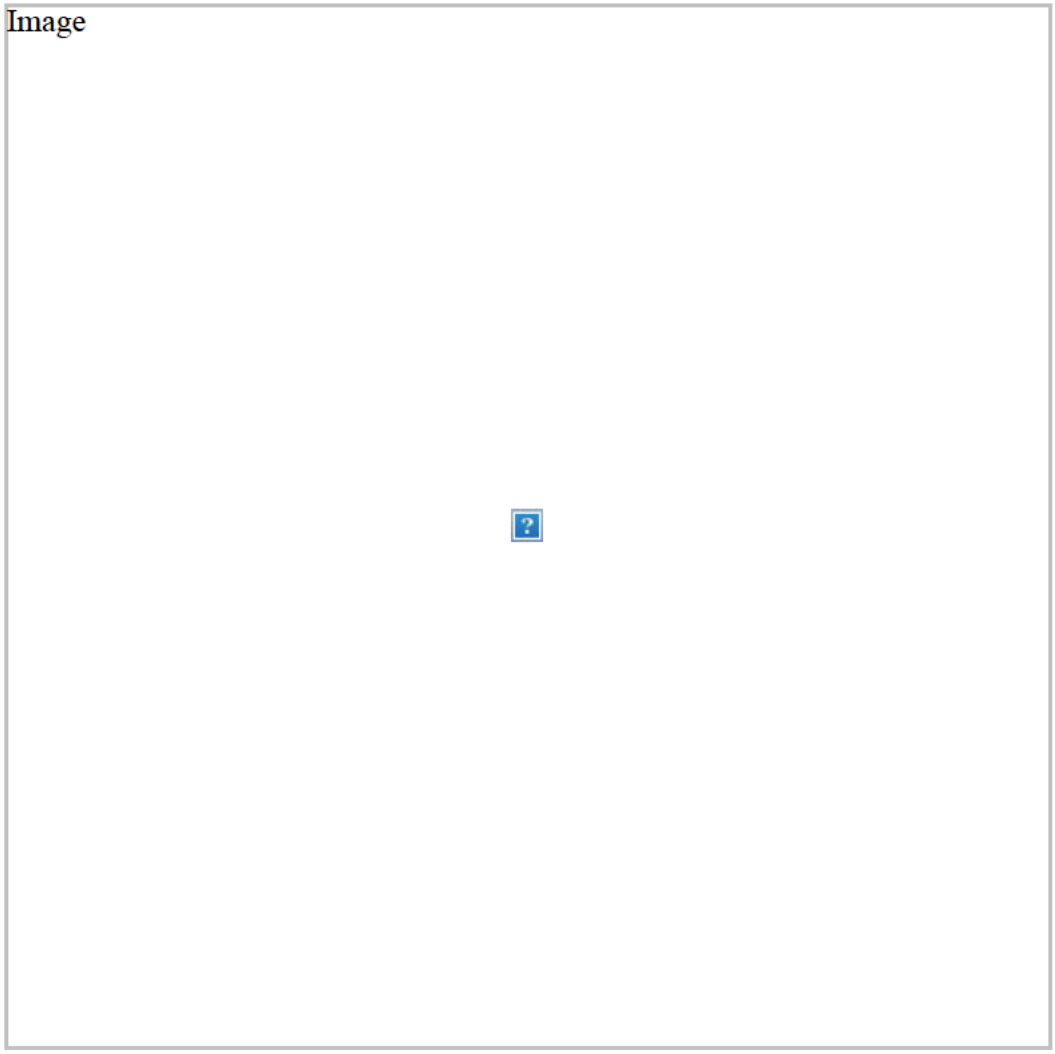
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BAE wins open source intelligence

contract from the Army



The Army has awarded BAE Systems a $437 million task order for open source intelligence support, the company announced Oct. 15 during the 2019 Association of the United States Army conference.

As part of the task order, BAE Systems will provide the Army and Army Intelligence & Security Command (INSCOM) approved partners with open source solutions to publicly available data.

“We’re proud to continue to partner with the U.S. Army and support their critical national security missions with this new capability,” Peder Jungck, vice president and general manager of BAE Systems’ intelligence solutions business.

The company won the initial award of the five-year task order

and began ramping up in August, Jungck said. The task order is an extension of projects the company has been doing for the Army, but this is the first time the work been consolidated and awarded as a larger contract, he explained.

“If you look at contracts in general around OSINT there’s been kind of small ones, there’s been lots of pilots out of agencies and even within the Army and throughout INSCOM there were different kind of brigades and battalions that had their own set of tools," he said. "This is one of the first of the really large OSINT and AI consolidation contracts. I don’t think anybody’s really had a large one like this.”

Calif. police stand by cop after video released in 2017 OIS of murder suspect

Image



FRESNO, Calif. — Community activists are expressing outrage

after seeing video footage that shows a Fresno police sergeant fatally shooting an unarmed 16-year-old boy as he fled during a foot pursuit.

Meanwhile, the local police union and supporters of law enforcement have stepped up in support of the sergeant, saying he acted within guidelines while pursuing a murder suspect.

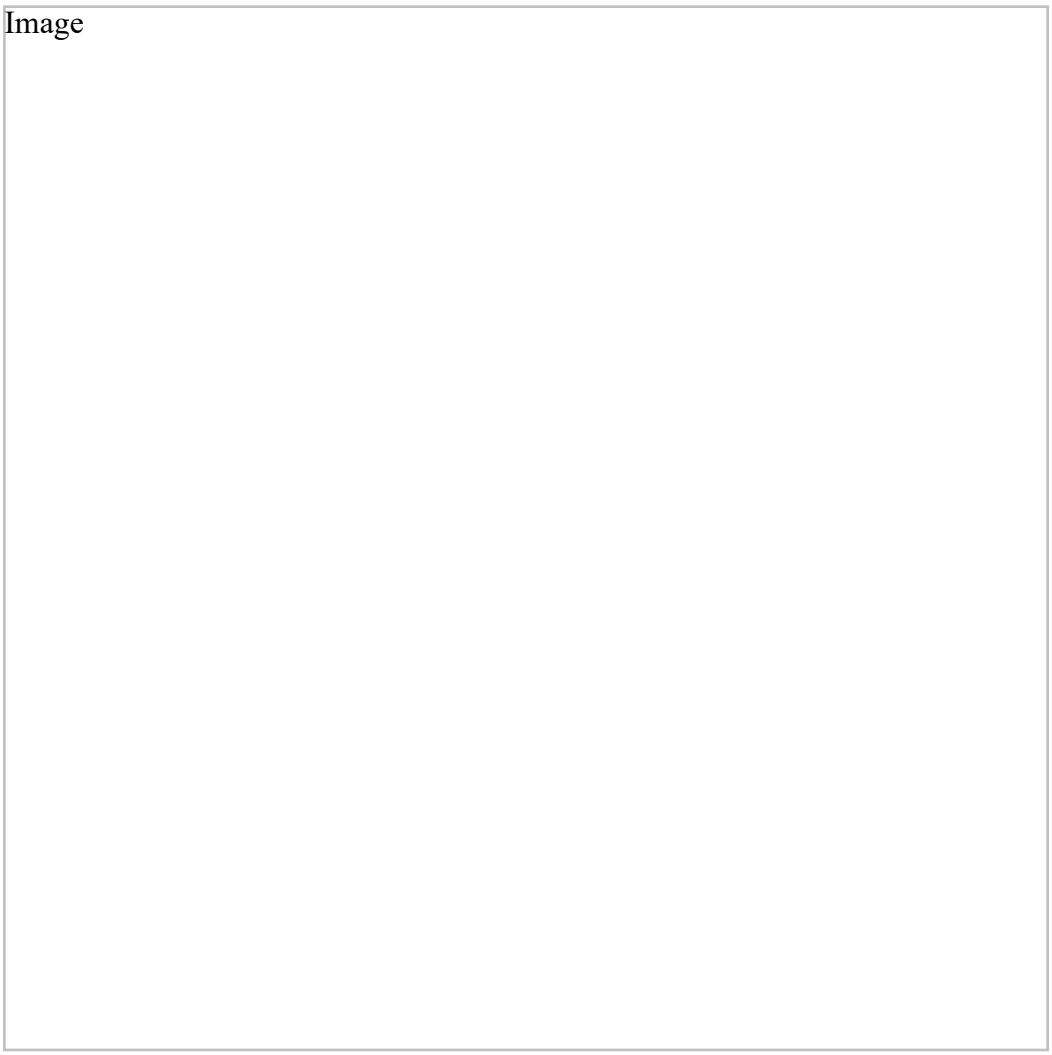
The footage shows Sgt. Ray Villalvazo firing a single shot into the back of Isiah Murrietta-Golding's head, according to a lawsuit filed on behalf of the teen's family.

The video was captured on a surveillance camera at a daycare facility on April 14, 2017, and was released by attorney Stuart Chandler, who's representing the family of Murrietta-Golding. The boy's family alleges the sergeant used excessive and unlawful deadly force, and committed assault and battery with negligence.

Additionally, in footage released from a police officer's body camera, one officer is heard shouting "good shot" as officers handcuff and search the already prone Murrietta-Golding.

Asia has an organized-crime problem. Canada is well placed to help

Image



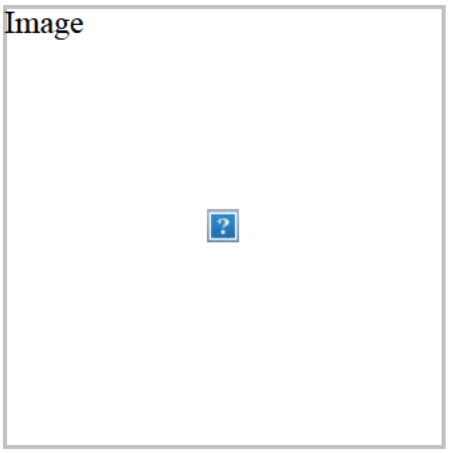
Jeremy Douglas is the regional representative for the United Nations Office on Drugs and Crime (UNODC) for Southeast Asia and the Pacific and a former UNODC representative for Pakistan. The opinions expressed in this commentary are his.

More than a few eyebrows went up last week when Tse Chi Lop – a 55-year-old Canadian man – was accused of being arguably the biggest drug trafficker in the history of Asia.

Mr. Tse is suspected – by police in Myanmar, Australia and Taiwan, and by the United Nations Office on Drugs and Crime (UNODC) – of being the leader of Sam Gor, or Brother Number Three, a supersyndicate largely responsible for the dramatic shift in recent years in organized crime away from drugs such as heroin and toward synthetics, such as methamphetamine, ketamine and fentanyl. It's a shift that has been driven by control and profit, since synthetics offer many advantages to criminal organizations: Labs can be quickly set up or moved;

they are not subject to external conditions such as climate, nor do they require large work forces; and production can be rapidly scaled up to drive the market. Put these things together and it means the disruption of the traditional drug business and the heavily concentrated profits that come with it.

Florida Senator Rick Scott Announces Legislation To Address 'FBI Failures' Regarding Parkland Shooting



MIAMI (CBSMiami) – Florida Senator Rick Scott announced legislation Thursday to hold the Federal Bureau of Investigations accountable for its 'failures to address critical deficiencies in its handling of actionable intelligence' in regards to the mass shooting at Marjory Stoneman Douglas High School in 2018.

The 'Threat Information Protocol for Sharing (TIPS) Act' is supported by Stand with Parkland, an organization founded by the family members of the victims of the Parkland shooting.

"Not a day goes by that I don't think about the 17 souls that were taken from us in a brutal act of violence at Marjory Stoneman Douglas High School. Following the tragedy, we all worked together to pass the Marjory Stoneman Douglas High School Public Safety Act to make our schools safer and prevent future tragedies, but we aren't finished. We cannot accept the repeated failures of the FBI to properly investigate and act on specific tips received about the Parkland shooter, as well as other perpetrators of mass violence in Florida. I'm

proud to stand with the family members of the victims to announce the TIPS Act, which bridges the gap between federal and state law enforcement agencies by mandating information sharing of all state-specific criminal intelligence tips. This is about getting information on threats into the hands of the right people, who can ultimately prevent violence and protect our families," Scott said.

Majority of Mexicans Say Organized Crime Stronger than Government after El Chapo's Son Released

Image



A majority of Mexicans see organized crime as more powerful than the Mexican government after government forces capitulated to drug-cartel strongmen and released the son of

the former cartel leader Joaquín Guzmán, known as “El Chapo.”

About 56 percent of Mexicans say they believe organized crime is stronger, while only 33 percent say the government is stronger, according to a poll by the Mexican newspaper Reforma.

Mexican authorities were forced on Thursday to release Ovidio Guzmán López, El Chapo’s son, shortly after capturing him, when the Sinaloa cartel laid siege to the city of Culiacán and surrounded Mexican troops, taking eight soldiers hostage. Officials said at least 14 people died during the clashes between cartel members and Mexican soldiers.

49 percent of respondents in the Reforma poll disagreed with the decision to release López, while 45 percent said they supported it. Residents of Culiacán expressed relief that the government had surrendered, saying the decision prevented further violence.

Mexican lawmen get FBI training to combat organized crime, terrorism

Image

JUAREZ, Mexico — Three Chihuahua state lawmen recently completed intelligence and intervention training courses sponsored by the FBI, according to the State Security Commission.

Alvaro Serrano Escobedo, the commission's operations director, received training on anti-terrorism, intelligence gathering, leadership and the combat of organized crime at FBI headquarters in Quantico, Virginia. The training is part of the FBI's Mexican Law Enforcement Executive Development (MEXLEED) program, the commission said in a news release.

Ginés Jaime Ruiz García, first officer of the Chihuahua State Police, and Jesús Alejandro Cruz Rangel, who heads rural operations for the agency, attended the FBI's Mexican American Liaison and Law Enforcement Training (MALLET) program in South Padre Island, Texas, the commission said.

The three lawmen were among 30 duly vetted Mexican officials chosen by the FBI for training this year, the commission said.

63 accused drug dealers plead guilty in heroin, fentanyl and cocaine trafficking rings

Image



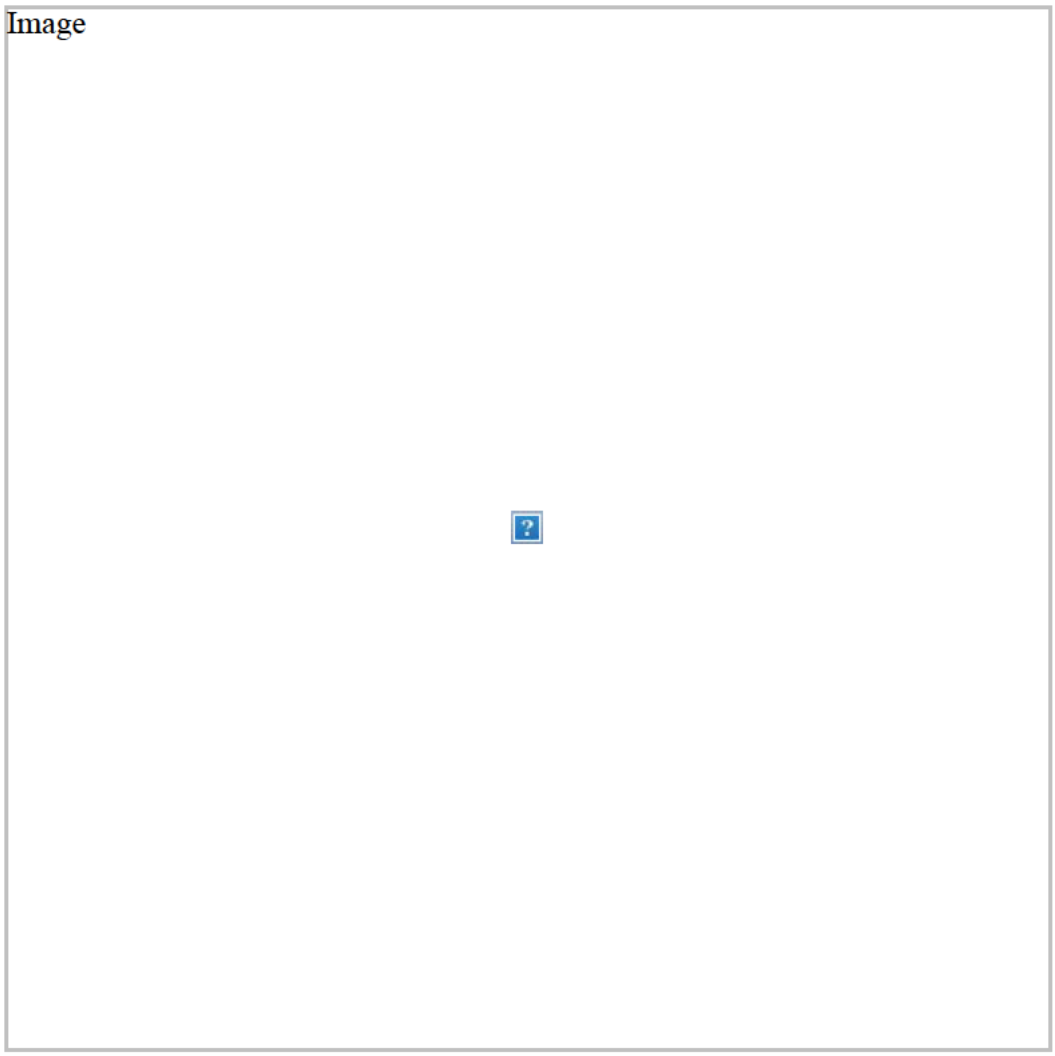
SYRACUSE — New York State Attorney General Letitia James has announced the guilty pleas of 63 people for their roles in two major narcotics trafficking operations that transported heroin, fentanyl, and cocaine to Onondaga, St. Lawrence, Oswego, Oneida, and Jefferson counties.

The investigation resulted in the recovery of approximately 4,700 bags of heroin and fentanyl, worth approximately $140,000, and approximately 2 kilograms of cocaine, worth more than $200,000, according to a news release from the Attorney General's office.

“These individuals flooded our communities with dangerous drugs that are putting New Yorkers at great risk,” said Attorney General Letitia James in the news release.

House bill would give border agents tool to detect synthetic opioids

Image



A bill that would give U.S. Customs and Border Protection (CBP) agents the equipment to detect synthetic opioids has been introduced in the U.S. House.

The DHS Opioid Detection Resilience Act of 2019 requires the Commissioner of CBP to procure chemical screening devices that allow border patrol agents to identify narcotics, including synthetic opioids, with purity levels of less than 10 percent. A

2018 study by the Drug Enforcement Administration (DEA) found that most fentanyl seized at the southwest border tends to be less than 10 percent pure. These changes would fill the gap that currently exists in identifying these synthetic opioids.

“Stopping the flow of illegal drugs across our southern border and at ports of entry is a top priority for our CBP law enforcement officers. This includes fentanyl and other synthetic opioids that can be difficult to detect. Our legislation ensures that DHS has the necessary equipment to detect synthetic opioids and the ability to adapt as smuggling methods evolve. We want to prevent this poison from ever reaching American communities, and our bill helps law enforcement carry out that mission,” Rep. Clay Higgins (R-LA), the bill’s sponsor, said.

Teens brawl with police in Brooklyn subway station

Image

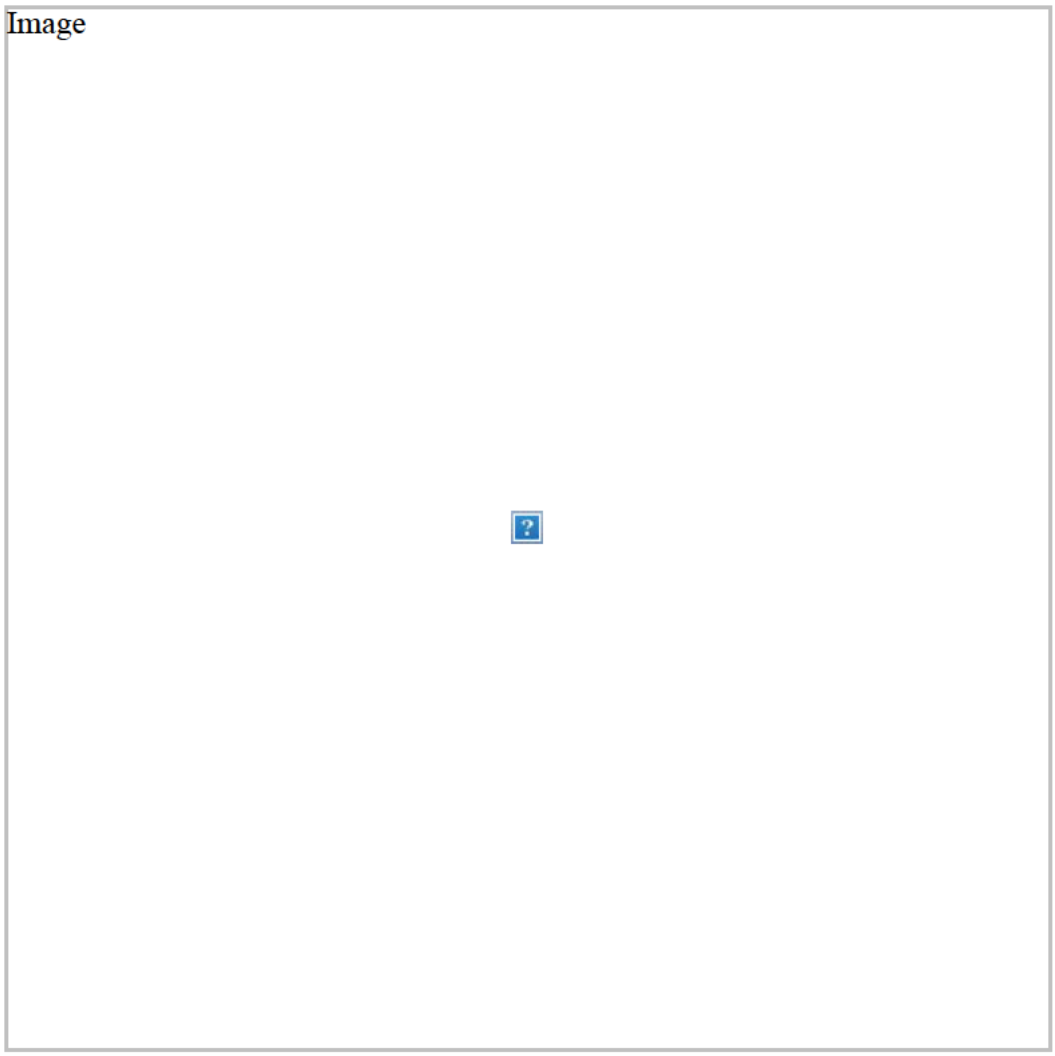
BROOKLYN, N.Y. – A video showing members of the NYPD trying to break up a fight and instead ending up in an all-out brawl with a mob of New Yorkers has gone viral… and media outlets were quick to condemn the cops who were involved.

The Post said that the incident unfolded on Saturday morning around 2:30 a.m. as officers responded to the scene of a fight on the platform of a subway station. The fights had originally began up on Jay Street between two groups of people before the violence spilled down into the station.

Cell phone video captured at the scene shows officers rush into the area and try to pull the brawling teens apart, attempting to put one of the suspects in handcuffs. Other individuals on the outside of the skirmish appear to be pulling the officers away.

The heartbreaking final text this human trafficking victim sent before dying in UK truck

Image



A 26-year-old Vietnamese woman texted her mom frantically that she was suffocating in the truck in which the bodies of 39 people were found in England — and apologized that her journey to a better life ended tragically, according to a report.

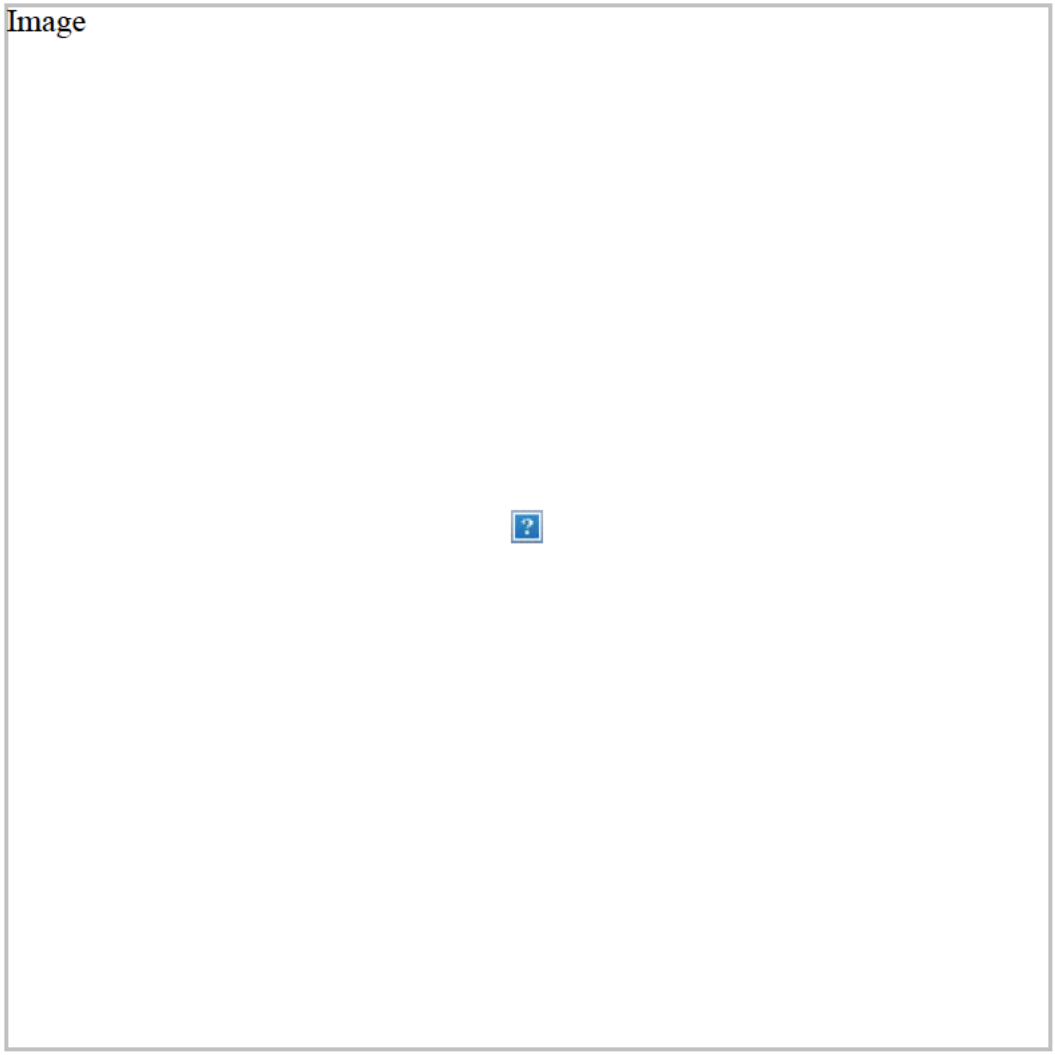
“I’m sorry Mom, my path to abroad didn’t succeed,” Pham Thi Tra My wrote in a series of messages about 10:30 p.m. Tuesday, according to the Mirror.

“Mom, I love you and Dad so much! I’m dying because I can’t breathe,” she added.

News about the young woman’s final moments emerged as two more people were arrested after eight women and 31 men were found dead Wednesday in a case that has shocked

Britain and made headlines around the world.

Labor Trafficking Is A Crime You Probably Don't Notice



It has been more than four years since Catherine Piedad called 911 from a $1.7 million home in Newton.

In 2015, she worked long hours to care for a Russian family's young twins. Her passport was taken, and she slept in a small room with little light and nowhere to store her clothes. When she asked to be paid, her employer threatened to send her back to the Philippines. She feared deportation and did not know who to trust.

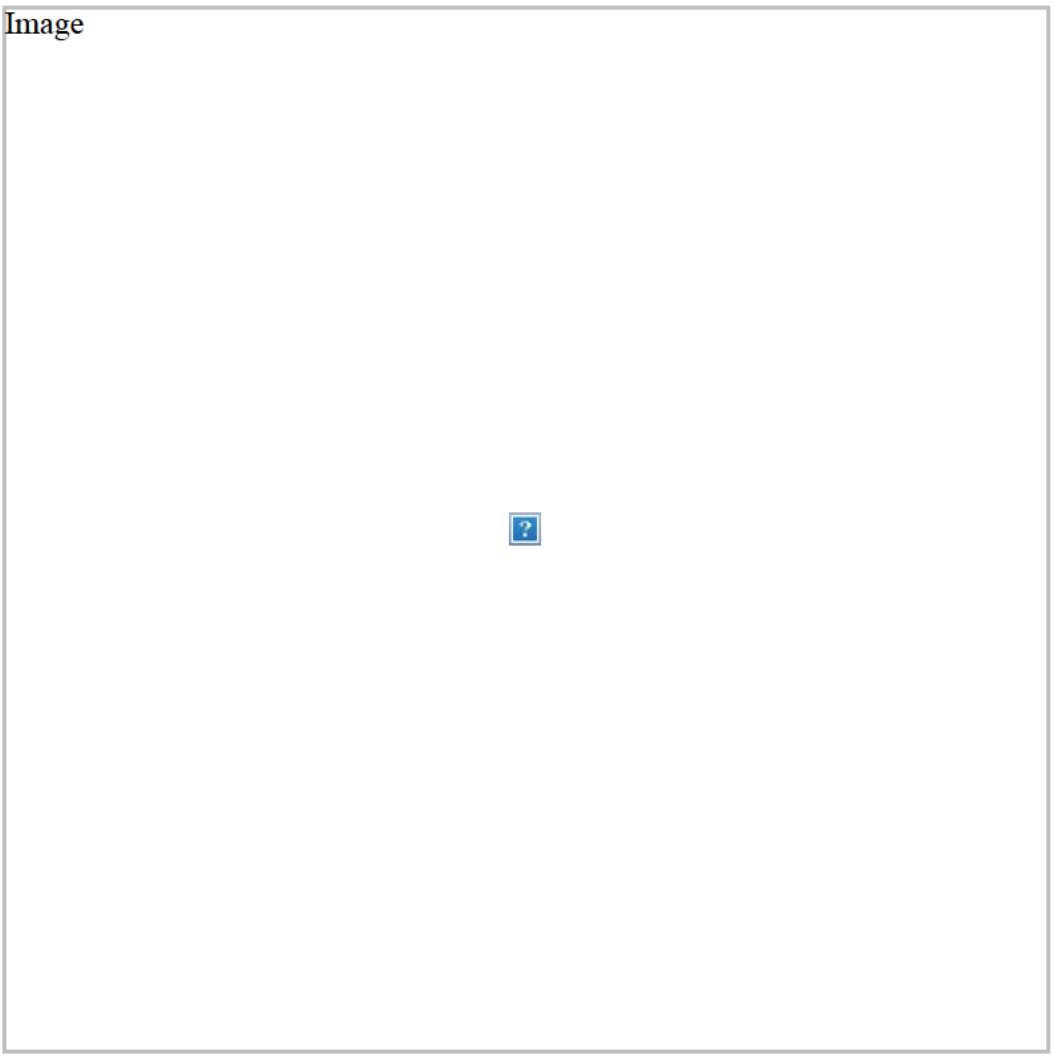
Despite her fear, she called 911. Law enforcement helped her

to leave the family's home but did little else. They did not see her case as "labor trafficking." Instead, the incident was labeled a "labor dispute." Piedad struggled to access her rights — despite the robust federal and state laws designed to protect her.

You've probably heard of sex trafficking, which often involves perpetrators who force, trick or coerce victims into sexual servitude. Although difficult to see, sex trafficking is often visible to law enforcement through the internet: perpetrators sometimes leave a footprint online, which can provide a critical entry point for criminal investigations.

The Mafia's history in Las Vegas: From Bugsy Siegel to Anthony Spilotro

Image



Benjamin "Bugsy" Siegel had been at the helm of the Flamingo

for only six months in June 1947 when he was killed in a hail of gunfire at his girlfriend's Beverly Hills, Calif., home.

But his vision for the Flamingo, the first resort-style hotel on the Strip, was the beginning of a 50-year relationship between Las Vegas and traditional organized crime that helped define "Sin City"and turn it into one of the world's top tourist destinations.

"The general perception on the part of the public is that Las Vegas and the mob have been inextricably linked, and I don't think it will ever be extricated," former longtime state archivist Guy Rocha says.

Groundbreaking books such as "The Green Felt Jungle" in 1963, which revealed the mob's early grip on the city, and popular movies such as "The Godfather" in 1972 and "Casino" in 1995 enhanced this perception through the years.

So did the buzz on the Strip over the Rat Pack, led by headliner Frank Sinatra and his associations with high-profile underworld figures.

New Bill To Bring Illegal Gambling In California Closer To An End

Image

Gambling in the US, as well as in the whole world, is one of the most entertaining and lucrative endeavors. Not only does it provide fun and joy to the players, but it also offers an opportunity to make a fortune.

The gambling operators all around the world are doing everything they can to attract new customers. From online free spins for Australians to no deposit bonuses and other promotions in other countries, casino operators are full of such impressive offers.

However, the industry isn't just this fairy-tale source of joy and money. It also has its drawbacks. With problem gambling, organized crime, and money laundering prospects, gambling has long been considered threatening to society.

That's the reason why the US government, alongside other governments worldwide, have been eager to put the industry

under the limitations and protect the interests of their citizens. With the regulatory restrictions and measures, the government officials have deemed ill-gotten gains illegal and contributed to ending gambling-related crime.

Best true-crime books of all time

Image

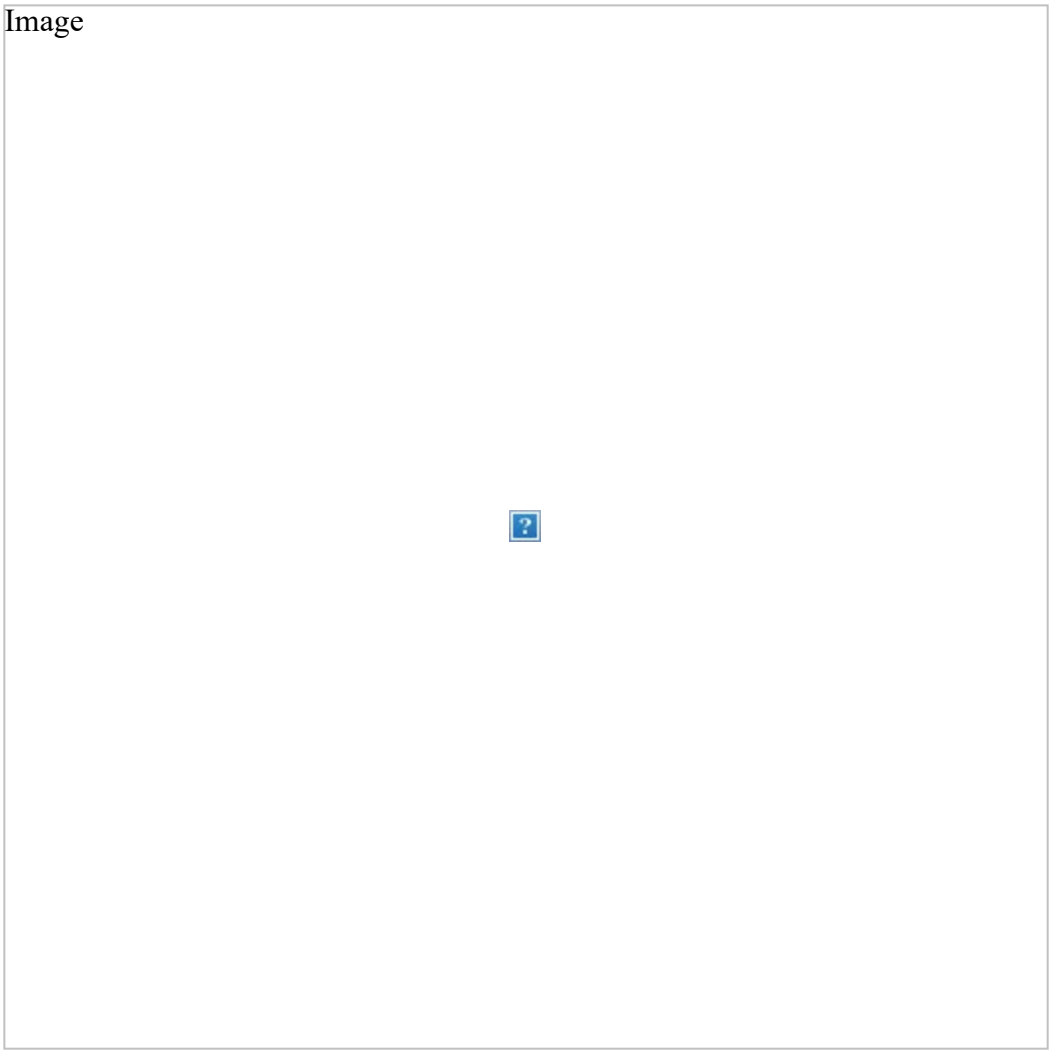


Terrifying tales are not the domain of fiction alone. If you are in search of bone-chilling scares, we recommend you turn to true crime. The key word being true. That's right, no imagination needed. Including stories about such horrific figures as Charles Manson and Ted Bundy, Goodreads compiled a list of the top 10 true-crime books of all time based on the lists, reviews and ratings of their more than 90 million members.

AP

How a Facebook Crime Page Led to Arrest of N.C. Woman in Cold Case Killing of Sister-in-Law

Image



A Facebook page devoted to the murdered, missing or miscreant residents of western North Carolina is being credited with helping authorities bring charges in the 15-year-old cold-case killing of a missing mom of four, allegedly at the hands of her sister-in-law.

The tip that led authorities to a “shallow grave” containing the remains believed to be those of 29-year-old Deborah Elaine Deans “proved to be very accurate and very reliable,” Nash

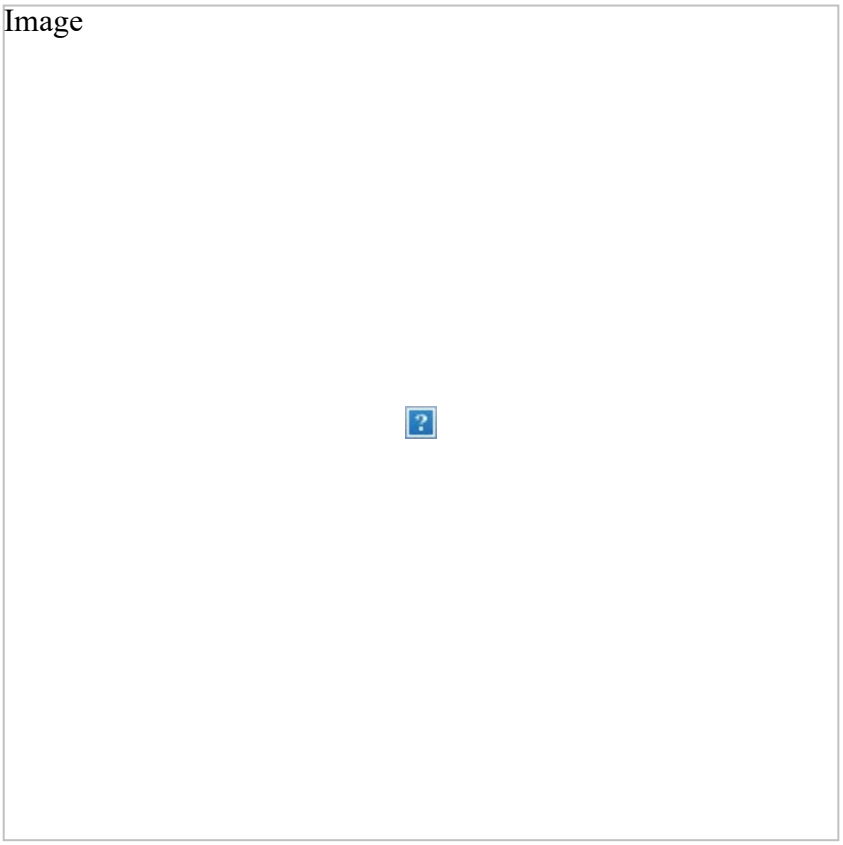
County Sheriff Keith Stone told reporters last week.

But the tipster did not go to police at first.

Instead, the unidentified person sent information about the alleged crime to a woman who created and runs a Facebook page called Fighting Crime News and Who's Wanted, an online outlet whose updates range from wanted posters to promotions of local elections and warnings about traffic tie-ups.

On October 20, a re-post about the unsolved missing-person case of Deans — who was last seen around 9 a.m. on January 19, 2004, at a residence on Wiley Road in Spring Hope — elicited a "very detailed" response that was forwarded to authorities by the Facebook page creator, said Nash.

Google Maps Adds ability to see speed limits and speed traps in 40+ countries



Google Maps is gaining some features previously exclusive to Google's navigation app, Waze. The company confirmed it's rolling out the ability for Google Maps users to see speed limits, speed cameras and mobile speed cameras in more than 40 countries worldwide — an expansion of its earlier launch of these features, which were previously limited to select markets.

The change was noted earlier by ZDNet and, of course, Reddit.

Google confirmed with TechCrunch the full list of supported countries now seeing the speed cameras, which currently includes: Australia, Brazil, U.S., Canada, U.K., India, Mexico, Russia, Japan, Andorra, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, Greece, Hungary, Iceland, Israel, Italy, Jordan, Kuwait, Latvia, Lithuania, Malta, Morocco, Namibia, Netherlands, Norway, Oman, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, South Africa, Spain, Sweden, Tunisia, and Zimbabwe.

The Ethics Board of One of the Largest Vendors of Police Tech (Axon) Makes the Case Against ALPRs

Image

Automated License Plate Readers (ALPRs)—a mass surveillance technology that allows law enforcement to record the location and travel patterns of nearly every driver on the road—are poorly regulated, threaten privacy, and worsen the racial and economic inequalities already ingrained in our justice system.

That's what EFF and other advocates have been saying for years. But now it's coming from an oversight body formed by one of the nation's largest police tech vendors.

Last week, the AI and Policing Technology Ethics Board at Axon, a tech company best known for popularizing body-worn cameras and the Taser, released a damning report concerning the commercial sale of ALPRs. The board, whose purpose is to "help guide and advise the company on ethical issues," concluded that while it sees the potential value of ALPRs, their current role in society is too broad and problematic. The sheer

amount of information that ALPRs gather and store was also a concern for the ethics board—particularly when privately collected data is often for sale to whoever wants to buy it.

ALPR systems include cameras that can be mounted on vehicles like police patrol cars or private tow trucks, or on stationary locations such as streetlights or overpasses. These cameras capture every license plate that passes and index them based on time, date, and location. A police officer can search ALPR databases to learn where a vehicle was in the past or even get real-time alerts when a driver passes by an ALPR camera. Research by EFF, MuckRock, and others have found that even small police departments are able to collect millions of plate scans a year, and often agencies are sharing this data with hundreds of other agencies across the country. Private companies also use ALPR and sell their data to police, financial lenders, insurance companies, private investigators, and debt collectors.

Amazon's Ring is 'the Neighborhood Watch of 2020,' police say as doorbell cams proliferate

Image

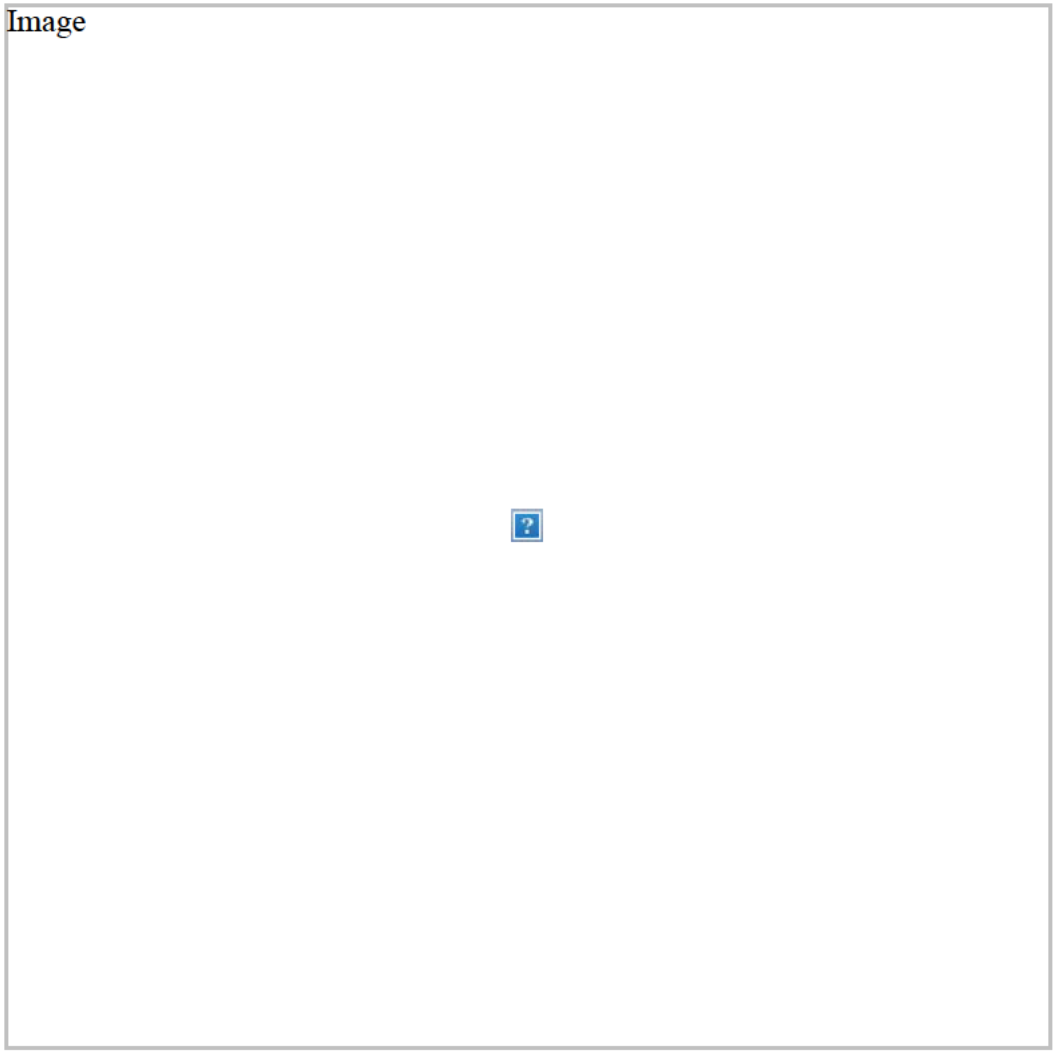
That’s all it took Livonia Police to arrest a man, who hours earlier was caught on video posted on Ring’s Neighbors app rummaging through the bed of a pickup parked in a driveway.

Detectives quickly recognized 60-year-old Jeffrey Couch when they saw the video posted by an app user in mid-August. Within a week, he pleaded no contest in court to two attempted larceny charges and was sentenced to 30 days in jail.

“I truly believe this is the Neighborhood Watch of 2020,” said Livonia Police Capt. Ronald Taig, whose force was one of the first law enforcement agencies in Michigan — and is one of more than 400 across the country — to partner with the Ring Neighbors app, owned by Amazon.

How the deadly drug fentanyl

is making its way to the US



Trump administration officials are divided over part of a proposal to crack down on illicit versions of fentanyl, the deadly synthetic painkiller that President Donald Trump targeted in declaring a national opioid abuse emergency.

In an inter-agency dispute that highlights the challenges of curbing opioid abuse, the US Drug Enforcement Administration (DEA) is publicly backing tighter rules for fentanyl analogs, which are slightly altered copycat versions of the powerful drug fueling an explosion in overdoses.

In this case, the bill would cut the Food and Drug Administration out of the time-consuming review process by letting the DEA permanently classify illicit fentanyl analogs as Schedule I drugs, like heroin, which are deemed to be addictive with no medical use.

The DEA says these legal changes would help prosecutors keep pace with criminals who constantly churn out chemically tweaked fentanyl analogs to evade strict Schedule I regulations.

Of 70,200 US drug overdose deaths in 2017, according to the CDC, about 41% involved synthetic opioids, such as fentanyl and illicit analogs of it. Most of them are made in China.

Fentanyl, some versions of which are approved to treat cancer pain, is 100 times more potent than morphine.

Trump Orders Study of Root Causes of Crime, Policing Practices

Image

President Trump on Monday ordered Attorney General William Barr to establish a new commission to study crime and law enforcement with the goal of recommending “actions that can be taken to prevent, reduce, and control crime, increase respect for the law, and assist victims.”

Following remarks in Chicago at the annual International Association of Chiefs of Police conference, the president signed an executive order establishing the Commission on Law Enforcement and the Administration of Justice. The commission will study the influence of substance abuse, homelessness and mental illness on crime as well as examine best practices to recruit, train and support law enforcement, among other things.

“Rigorous study of crime, including its causal factors, and current law enforcement practices is essential to assessing our current criminal justice system's merits and opportunities for

improvement," the executive order stated. "Public safety and proper policing are issues of both national and local significance that continue to require the close cooperation and coordination between the Department of Justice and state, local, and tribal law enforcement."

Quality Afterschool Programs Proven to Reduce Crime

Image



As a member of your District Attorney's Office for almost 30 years, and your DA for nearly 10, I've learned that the hours after school lets out are the prime time for juvenile crime.

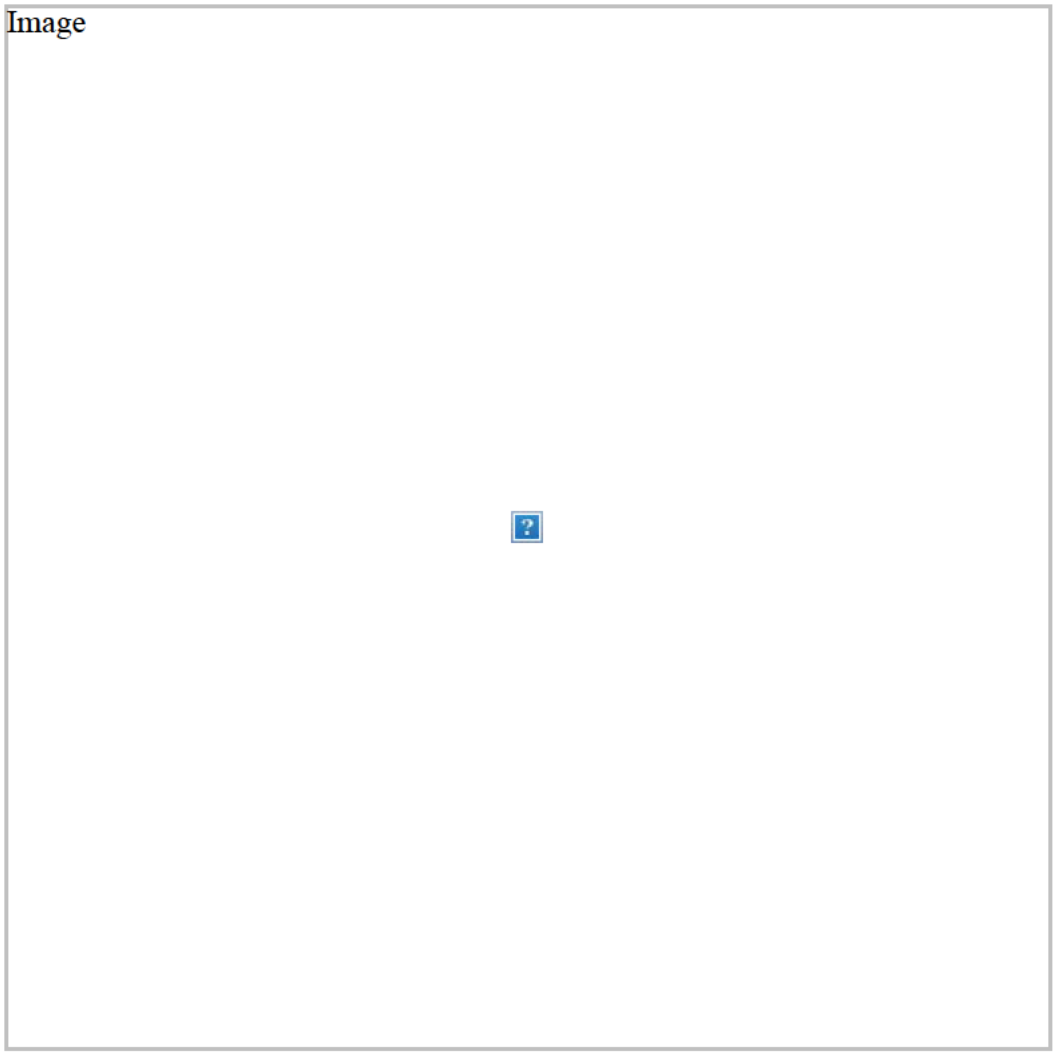
It is between these hours of 2 to 6 p.m. that youth are more likely to be arrested for assault, theft and drug-related crimes.

Quality afterschool programs have been proven to reduce these crimes in our community, keep students engaged, and improve academic performance and student behavior.

A new report from Fight Crime: Invest in Kids shows that when youth have access to high-quality, affordable afterschool programming, they benefit immensely from homework help and outdoor activities, and they're less likely to commit or become victims of crime.

Australia's government is floating an idea to scan internet users' faces before they can watch porn online

Image



Australia's Department of Home Affairs has touted an idea to use facial recognition software in order to verify internet users

ages before they can access pornography or gambling websites.

In its parliamentary submission, the department says that its Document Verification Service and Face Verification Service — though broadly intended to be used as systems for fighting crime and identity theft — could also be used by police for age verification controls.

"This could assist in age verification, for example by preventing a minor from using their parent's driver licence to circumvent age verification controls," the submission states.

"Whilst they are primarily designed to prevent identity crime, Home Affairs would support the increased use of the Document and Face Verification Services across the Australian economy to strengthen age verification processes."

Police turn to hackers in Australia's first crowdsourced attempt to find missing people

Image

For decades the traditional 'missing person' poster has been used to enlist the community's help to find individuals who may be in danger.

But with more than 2,600 Australians now listed as a "long-term" disappearance, the federal police are trying what they hope will be a more successful tactic: turning the search into a game.

More than 350 internet sleuths and "ethical hackers" — hobbyists and professionals — gathered at 10 locations around the country on Friday in a national missing-persons "hackathon".

The aim was to generate leads for 12 of Australia's most frustrating cold cases, using sophisticated but legal methods of trawling the internet.

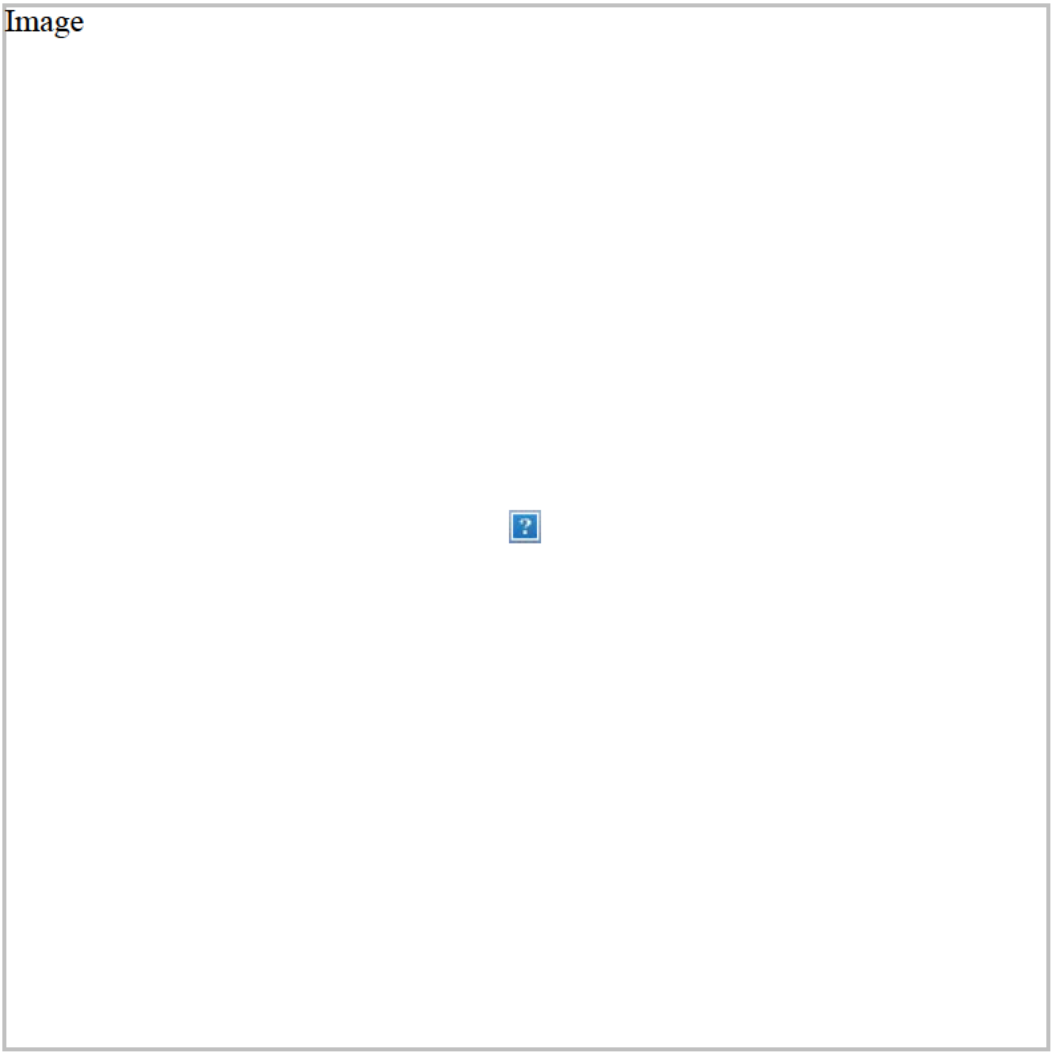
And organisers said the results were astounding: 100 leads

were generated every 10 minutes the competing teams worked.

Police overseas have used crowdsourcing in the past for help with isolated cases, aided by these largely voluntary "open-source intelligence" (OSINT) enthusiasts.

But Linda Cavanagh, of the Canberra Cyber Security Innovation Node, said the Australian event was the first of its kind to be deployed on a national scale.

10 of the Best Tools to Find Relevant Influencers on Social Media



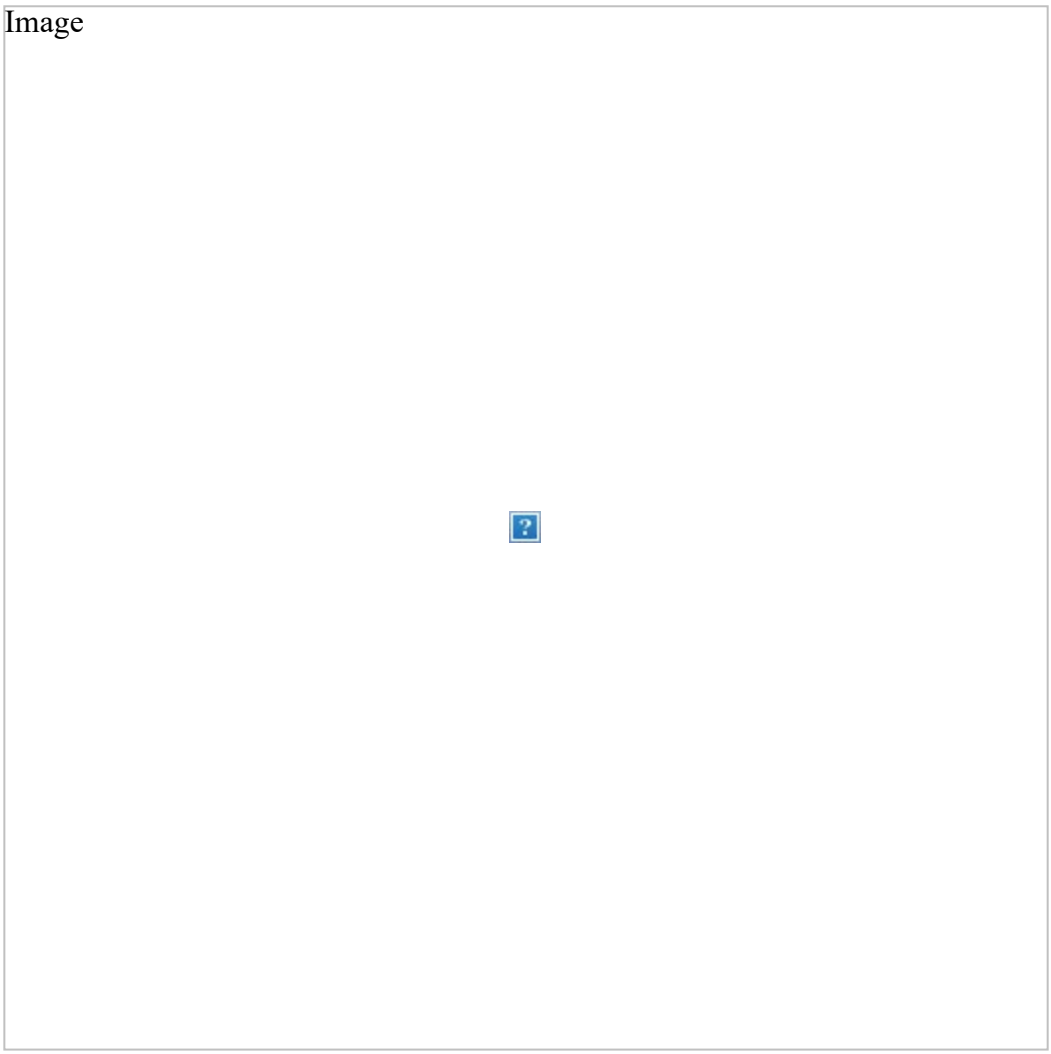
While it's become a much bigger consideration in recent years, influencer marketing, as a practice, has actually existed for a very long time. In the past, however, influencers were only on

TV or in magazines, and unlike social media, TV and newspapers are limited, which led to a situation where a select number of celebrities were able to charge tons of money for making an ad for Pepsi or Swatch in order to influence consumer behavior.

With the birth of social platforms, everything changed. The Internet has no limits, there can be as many influencers as the world requires. They can be of any age and social status, and in any area of expertise (or no area of expertise). And they can work with any brand.

How Your Volunteering Trip Could Contribute To Human Trafficking

Image



The advent of cheap air travel and Instragammable holiday

photos, combined with a longing for meaning, has created a new breed of traveler: the voluntourist. This ever-growing trend describes people, most often young and affluent Westerners, who travel to the global South to help with community projects.

While no doubt sweetly intentioned, there is considerable concern over the fad of "voluntourism" and whether it does more harm than good for the communities in developing countries – especially when it involves children or work at an orphanage. On the surface of the problem, it's questionable whether treating the developing world as a playground is an effective model to address systemic poverty and care for vulnerable children.

An anthropological study published in the Journal of Sustainable Tourism has shown how volunteer programs can actually contribute towards a superficial understanding of poverty that distracts from the larger systems that produce inequality and poverty. Through a series of in-depth interviews with young people from the US who volunteered in Malawi, they found their volunteer work was often carried out through a colonial and "mythologized" image of a helpless Africa needing the benevolence of the West. The volunteers also viewed African poverty in terms of the "American Dream" and the idea of pulling oneself out of poverty through hard work, as opposed to deep-rooted economic, social, and historical factors at play.

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SEPTEMBER

11-12 | 2019 September State to State User Group Meeting
Orlando, FL

11-12 | 2019 September NDR Working Group Meeting
Savannah, GA

17-18 | 2019 September Imported Vehicles Working Group
Buffalo, NY

Annual International Conference Next Week

AIC_2019_Logo_WEB.jpg

AAMVA's 2019 Annual International Conference (AIC) takes place next week, August 20-22, in Omaha, Nebraska! Register online today! The conference provides an opportunity for you and your peers to discuss relevant driver's license, motor vehicle and law enforcement related issues. As with every AAMVA conference, the ability to network is one of the most beneficial experiences, and this year's AIC provides several networking opportunities, as well as interactive learning opportunities. Jurisdiction attendees will learn about the successes and challenges of others, share ideas, build relationships, and discover the many products and services provided by our industry partners that can assist in your mission. Industry attendees will have the opportunity to meet with key players in the driver's license, motor vehicle and law enforcement arenas. Visit the 2019 AIC Website for more information and to register!

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(Pennsylvania)

Police departments across the state use specialized cameras to automatically read license plates. Officers say the cameras are a boon to law enforcement, but lawmakers want to make sure the data they capture doesn't fall into the wrong hands. There are no current guidelines as to how automated license plate readers, or ALPRs, are used in the state. Rep. Greg Rothman, R-Cumberland County, says he hopes to not only manage their use but also set up a statewide database where law enforcement would store and share data, which has the potential to improve crime-solving. Read more at pennlive.com.



Hands-Free Law: Is It Working? GA Highway Safety Discusses at Conference (Georgia)

Allen Poole who is the director of the Governor's Office of Highway Safety had a message for hundreds of law enforcement officers Monday in Savannah. As he opened a three-day safety conference, he said decreasing traffic deaths is possible. After an increase in the number of traffic fatalities between 2014 and 2016, Poole says there is now a downward trend. He and other safety experts attribute at least part of that to the Georgia Hands-Free Law that became law in July of 2018. Read more at wsav.com.

Georgia Highway Becomes Testbed for Connected Vehicles

A stretch of Interstate highway in Georgia will mark one of the latest developments of connected vehicle infrastructure and technology. The Ray, a section of Interstate 85 in southern Georgia, will be outfitted with connected vehicle technologies as part of a two-year project organized by the Georgia Department of Transportation, Panasonic and The Ray, a stretch of highway named after Ray C. Anderson, a Georgia business leader in green energy. The roadway is a testing ground for innovation in sustainability and transportation. Read more at govtech.com.

Born 'Unnamed,' SC Man Hits Legal Snag to Get Real ID. He's Not Alone (South Carolina)

Clinkscales, who turns 66 in November, had no idea he was about to embark on a months-long process to get his ID, which would lead to him hiring an attorney and waiting for a judge...Clinkscales' case is far from unusual in South Carolina, particularly for minorities and low-income South Carolinians, legal professionals familiar with these cases say...S.C. Department of Motor Vehicles' chief Kevin Shwedo said his agency is working aggressively to help South Carolinians who can't get their REAL ID. Aside from personally attempting to connect people with resources to get one, Shwedo said Motor Vehicles also has taken part in phone banking with at least one television news station and plans to do the same with others across the state very soon. Read more at thestate.com.

TxDOT Details What Caused Most of the Fatal Crashes in 2018 (Texas)

More than 3,600 people died on Texas roadways in 2018, according to data recently released by the Texas Department of Transportation. In a series of reports, TxDOT officials detailed what they call 'contributing factors' in the spate of deadly wrecks, which is essentially a list of things that caused each wreck. One fatal wreck can have multiple contributing factors, such as falling asleep or driving while intoxicated. Read more at msn.com.

VA Man Pleads Guilty to Scheme to Provide Fake Maryland Driver's Licenses to Applicants (Virginia)

A Virginia man pled guilty to a federal charge related to a scheme to provide fake Maryland driver's licenses to applicants who paid a fee. Warner Portillo, 34, of Manassas, Virginia, pled guilty to conspiracy to produce and transfer identification documents without lawful authority, specifically Maryland driver's licenses. According to his plea agreement, from at least July 2015 through March 2016, Portillo conspired with two employees of the MVA who worked in the Largo branch office, to produce and transfer Maryland driver's licenses without lawful authority. Read more at baltimore.cbslocal.com.

AUGUST

AAMVA RFQ FY19-20204 Redgate Software Renewal
August 19, 2019

AAMVA RFQ FY19-20278: Symantec Renewal
August 20, 2019

AAMVA RFQ FY19-20254: Cisco Hardware Purchase
August 20, 2019

AAMVA RFP FY20 - 20267: 2019 November IDEC & TMS Working Group Meeting
August 22, 2019

SEPTEMBER

AAMVA RFQ FY19-18610: Learning Management System (LMS) Software
September 3, 2019

AAMVA RFP No. FY21-20205: 2020 Region 1 Planning & Administrators Meeting
September 6, 2019

AAMVA RFP FY21-17941: 2021 Region 1 Conference
September 6, 2019

DMV Offices Across Nebraska Will Have Shorter Hours During September for Staff Training

Driver licensing offices across Nebraska will be closed some days or hours in September for staff training. The Nebraska Department of Motor Vehicles announced that some offices will have reduced hours, while others will close for entire days between Sept. 9 and Sept. 30. The closings will allow driver license examiners to get training on fraudulent document recognition and the latest fraud prevention techniques. It also will allow them to learn about administering the latest version of the commercial driver license and motorcycle skills tests. Read more at omaha.com.

Jail Time for Drivers Who Illegally Pass School Buses Could Soon Become Reality in Avon Lake (Ohio)

A new school year means more school buses will soon be on the roads. And while police in Avon Lake will be beefing up patrols for drivers who illegally pass school buses, one city councilman wants to put violators behind bars. If passed, Avon Lake will become the first in Northeast Ohio to add jail time for drivers [who] illegally pass school buses. Ward IV Councilman David Kos introduced the ordinance that will increase fines from $500-$750, and allow a judge to impose up to a 30-day jail sentence. Read more at fox8.com.

Ohio Freezes Most Law Enforcement Access to Facial-Recognition Analysis of Driver's License Photos

Most law enforcement agencies in Ohio will lose — at least temporarily — access to a database of roughly 21 million driver's license photos taken in the state after a decision Ohio Attorney General David Yost announced yesterday...After media reports revealed federal law enforcement practices using facial recognition software on state driver's license databases, Yost earlier this year asked for a review of the database and the way officers use it. That inquiry didn't find any improper conduct, but, before they log back on, Yost wants the roughly 4,500 officers who had access to the system trained on the current weaknesses possible with facial recognition software that could lead to gender or racial bias. Read more at citybeat.com.

This Guy Got the License Plate 'NULL' and It Was a Total Disaster (California)

A cybersecurity expert tested a galaxy-brain plan to hide his car from license plate readers and ticketing systems: registering the vanity license plate 'NULL.' His plan worked, sort of — the NULL plates definitely caused a problem within the system. But they also caused a citation processing center to send the guy, who goes by 'Droogie' in the cybersec community, $18,000 worth of parking tickets and other fines, according to Utah radio station KNRS. Droogie got the first wave of fines dismissed — but his attempt to game the system provides a whimsical warning against throwing a wrench into the mechanism of the DMV. Read more at futurism.com.

Governor Proclaims Aug. 12 'Colorado Motorcycle Memorial Day'

2019 is on pace to become one of the deadliest years on the road this decade for motorcyclists. To date, there have been 65 fatal motorcycle crashes, compared to 60 at this time last year. Since 2012, motorcycle fatalities on Colorado's roads have increased 30 percent. State officials are hoping to increase awareness about motorcycle safety, both for riders and the drivers who share the roads with them. Read more at kktv.com.

As Colorado Considers an Electric-Vehicle Mandate, Here's What to Expect

Whether Colorado becomes a zero-emission vehicle state could be decided this week, as the state Air Quality Control Commission kicks off a three-day hearing on Tuesday. If the commission decides to move forward, Colorado would become the

10th state to adopt California's ZEV policy, which requires automakers to offer a certain number of electric vehicles in those states. Read more at coloradosun.com.

Gender-Neutral Option on Washington State Driver's Licenses Gets First Public Hearing

The first of three public hearings regarding a third gender marker on Washington driver's licenses was held Monday evening. Representatives from the state's Department of Licensing heard public opinion on offering a non-binary option on driver's licenses. Under consideration is the addition of an 'X' when getting a license. The change would also affect instruction permits and state ID cards. Read more at king5.com.



Michelin's NexTraq Unit Launches Digital Safe-Driving Tool

NexTraq L.L.C., a Michelin company focused on telematics solutions, has developed a digital tool that disables drivers' smartphones and tablet screens while their vehicle is in motion. The new tool—dubbed 'MobileBlock'—was developed in partnership with SafeDrivePod International B.V., Michelin said, and is designed to help managers enforce company policies restricting unauthorized use of company-issued tablets and smartphones, thus limiting distractions. Read more at rubbernews.com.

Heidi King, Acting Head of National Highway Traffic Safety Administration Resigns

Heidi King, the acting head of the National Highway Traffic Safety Administration, has resigned, the U.S. Department of Transportation confirmed Wednesday. The deputy administrator of the nation's top traffic safety watchdog, King was awaiting Senate confirmation to permanently lead the agency. Her resignation is effective Aug. 31, according to the U.S. DOT...James Owens, U.S. DOT deputy general counsel, will replace King as deputy administrator and will serve as the agency's acting administrator, the U.S. DOT said. Read more at freep.com.

FMCSA Unveils Proposed Changes to Hours-of-Service Rules

The Federal Motor Carrier Safety Administration on Aug. 14 issued a long-awaited proposal to make changes to its hours-of-service rules that would increase truck drivers' flexibility with their 30-minute rest break and with allocating time in a sleeper berth. The proposal also would extend by two hours duty time for drivers encountering adverse weather and expand the current 100 air-mile 'shorthaul' exemption from 12 hours on-duty to 14 hours on-duty, consistent with workday rules for longhaul truck drivers. Read more at ttnews.com.

New Video Offers Tips on Sharing the Road Safely With Trucks

The Federal Motor Carrier Safety Administration recently released a video asking motorists to drive safely and distraction-free when sharing the road with commercial motor vehicles. Created as part of FMCSA's Our Roads, Our Safety campaign, the one-minute video features testimony from Wisconsin-based truck driver Dick Pingel, a member of the board of directors for the Owner-Operator Independent Drivers Association – a partnering organization in the campaign. Read more at safetyandhealthmagazine.com.

This Hacker Made Clothes That Can Confuse Automatic License Plate Readers

In a future where everything is surveilled by computer vision algorithms, even the patterns on our clothing can be subversive. Digital security professional and fashion designer Kate Rose doesn't just design textile patterns. She sullies the databases gathered by license plate readers by creating clothes covered in fake license plates. If you've ever gotten a traffic ticket in the mail—sometimes complete with a photo of your vehicle, with yourself and passengers looking stunned in the front seat—your car has likely encountered an Automatic License Plate Reader, or ALPR. Read more at vice.com.

Like the Biker a Catasauqua Trucker Allegedly Hit on Purpose, Some Motorcyclists Say They Have Targets on Their Backs

Santos, a barber from Lower Saucon Township, likes the wind in his face as much as any biker, but he tries to be considerate of other motorists — yielding, signaling lane changes, keeping his distance to the extent possible in the Lehigh Valley's heavy traffic. It's a matter of self-preservation. Santos said more than a few car and truck drivers seem to have an inborn resentment toward motorcyclists. So when he read about the Catasauqua truck driver accused of intentionally ramming a motorcyclist whose driving annoyed him, he was bothered but not surprised. According to court records, motorcyclist Paul A. Entler suffered a collapsed lung, multiple broken ribs and a broken leg last week when 54-year-old Matthew E. Dietrich allegedly swerved into him at Race Street and Willowbrook Road in Hanover Township, Lehigh County. Police said Dietrich admitted hitting Entler deliberately because he thought the biker was driving carelessly. Read more at mcall.com.

@AAMVAConnection has been watching the twitter feed and decided to highlight some of the tweets here. Links are provided within most of the tweets, and we have also provided a link to each tweet as well. Note that you do not have to have an account or sign in to Twitter to view the message posts, images associated with the post, and the reach of the message (retweets, favorited, etc.).

Stay on top of the chatter in the MVA and LE community. You may be surprised at what you're missing! Follow @AAMVAConnection.

Check out recent @AAMVAConnection Twitter action.

*****Thank you for the @AAMVAConnection mentions!*****

CVSA @CVSA | View the Tweet

Here they are. Here's your first look at the 51 inspectors who will compete this week to earn the ultimate honor, the 2019 #NAIC Grand Champion Award. One of these inspectors will be this year's winner. Who will it be?

cvsa.jpg?r=1565979639676

MD State Police @MDSP | View the Tweet

Recent motorcycle crashes are prompting @mdsp to issue a reminder for both motorcyclists and other drivers to take precautions, especially during the remaining warm weather months. Since 7/28, troopers have responded to 6 fatal motorcycle crashes. READ >> https://bit.ly/2KxqhEu

mdsp.jpg?r=1565979692364

MD_MVA @MD_MVA | View the Tweet

Administrator Nizer and Governor Hogan demonstrated the Driver Alcohol System for Safety at #MACOcon. #MDOTInnovates

Learn more in our newsroom: http://bit.ly/2KPpfm2

md_mva.png?r=1565979771629

New Jersey MVC @NJ_MVC | View the Tweet

The Garden State's #Spanishspeaking community has a strong ally in the NJMVC. Chief @SueFulton in her report to MVC Board puts some #salsa on plans to build on successful Spanish language outreach – using everything from #socialmedia to #drivermanuals.

nj_mvc.png?r=1565979857145

NYS DMV @nysdmv | View the Tweet

The family of Colonie teen Niko DiNovo joined @NYSGTSC, DMV, @STOPDWINewYork, and law enforcement to help kick off the annual "Drive Sober or Get Pulled Over" impaired driving crackdown. The statewide campaign runs from Aug 14 thru Sept 2. Read more here https://dmv.ny.gov/press-release/press-release-08-13-2019 ...

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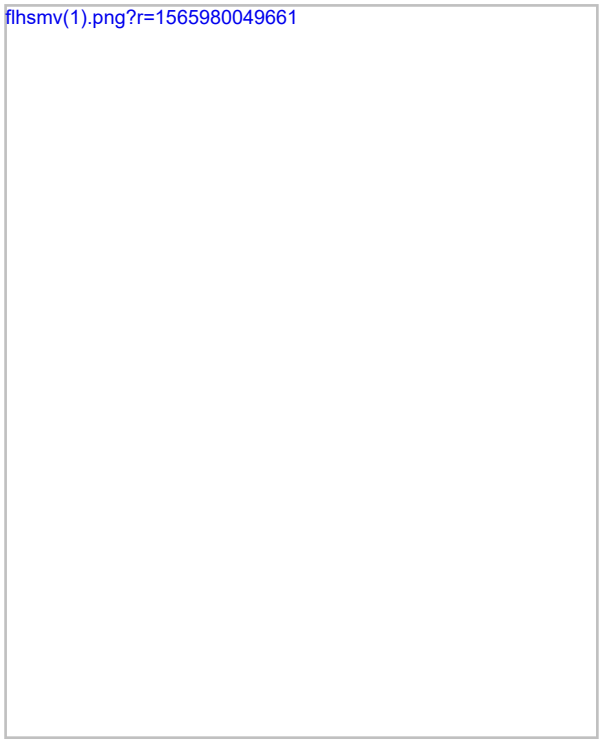
VermontDMV @VTDMV | View the Tweet

Manual Monday: Did you know we have an interactive version of our Drivers Manual? Check it out here: https://dmv.vermont.gov/licenses/driver-training/DriveVT ...

vtdmv.jpg?r=1565979997474

FLHSMV @FLHSMV | View the Tweet

On August 15, 1969, Neil Kirkman was appointed by Governor Kirk as the first Executive Director of @FLHSMV when the Depts. of Motor Vehicles and Public Safety were merged. Previously Director of #FHP, Neil Kirkman retired in 1970 after 25 years of service. #TBT #BehindTheDrive



Georgia DDS @GeorgiaDDS | View the Tweet

Our Contact Center has seen a Service Level increased from 82.25% in April 2019 to over 87% in June 2019. The team received a Commissioner's Customer Service Award for their hard work, dedication, and determination to exceeding agency expectations. #ThankYou



Iowa State Patrol @iowastatepatrol | View the Tweet

Who says you have to be a kid to enjoy the big slide at the Iowa State Fair??

Several members of the Iowa State Patrol took a few minutes out of their day to have some fun!

Photo Credit: Dan Ponxs
@IowaStateFair

iowastatepatrol.jpg?r=1565980186912

KansasDOT @DriveSafeKansas | View the Tweet

Today we kicked off the 2019 You Drink. You Drive. You Lose. impaired driving enforcement campaign. Always find a safe and sober way to your destination. #DriveSober @kshighwaypatrol @NHTSAgov

kansasdot.png?r=1565980236896

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To: Panacopoulos, Laurie (POL)
Subject: AAMVA"s Regional News for August 16, 2019
Date: Friday, August 16, 2019 5:06:18 PM

August 16, 2019

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Omaha, NE

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(Pennsylvania)

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Governor Proclaims Aug. 12 'Colorado Motorcycle Memorial Day'

2019 is on pace to become one of the deadliest years on the road this decade for motorcyclists. To date, there have been 65 fatal motorcycle crashes, compared to 60 at this time last year. Since 2012, motorcycle fatalities on Colorado's roads have increased 30 percent. State officials are hoping to increase awareness about motorcycle safety, both for riders and the drivers who share the roads with them. Read more at kktv.com.

As Colorado Considers an Electric-Vehicle Mandate, Here's What to Expect

Whether Colorado becomes a zero-emission vehicle state could be decided this week, as the state Air Quality Control Commission kicks off a three-day hearing on Tuesday. If the commission decides to move forward, Colorado would become the

10th state to adopt California's ZEV policy, which requires automakers to offer a certain number of electric vehicles in those states. Read more at coloradosun.com.

Gender-Neutral Option on Washington State Driver's Licenses Gets First Public Hearing

The first of three public hearings regarding a third gender marker on Washington driver's licenses was held Monday evening. Representatives from the state's Department of Licensing heard public opinion on offering a non-binary option on driver's licenses. Under consideration is the addition of an 'X' when getting a license. The change would also affect instruction permits and state ID cards. Read more at king5.com.



Michelin's NexTraq Unit Launches Digital Safe-Driving Tool

NexTraq L.L.C., a Michelin company focused on telematics solutions, has developed a digital tool that disables drivers' smartphones and tablet screens while their vehicle is in motion. The new tool—dubbed 'MobileBlock'—was developed in partnership with SafeDrivePod International B.V., Michelin said, and is designed to help managers enforce company policies restricting unauthorized use of company-issued tablets and smartphones, thus limiting distractions. Read more at rubbernews.com.

Heidi King, Acting Head of National Highway Traffic Safety Administration Resigns

Heidi King, the acting head of the National Highway Traffic Safety Administration, has resigned, the U.S. Department of Transportation confirmed Wednesday. The deputy administrator of the nation's top traffic safety watchdog, King was awaiting Senate confirmation to permanently lead the agency. Her resignation is effective Aug. 31, according to the U.S. DOT...James Owens, U.S. DOT deputy general counsel, will replace King as deputy administrator and will serve as the agency's acting administrator, the U.S. DOT said. Read more at freep.com.

FMCSA Unveils Proposed Changes to Hours-of-Service Rules

The Federal Motor Carrier Safety Administration on Aug. 14 issued a long-awaited proposal to make changes to its hours-of-service rules that would increase truck drivers' flexibility with their 30-minute rest break and with allocating time in a sleeper berth. The proposal also would extend by two hours duty time for drivers encountering adverse weather and expand the current 100 air-mile 'shorthaul' exemption from 12 hours on-duty to 14 hours on-duty, consistent with workday rules for longhaul truck drivers. Read more at ttnews.com.

New Video Offers Tips on Sharing the Road Safely With Trucks

The Federal Motor Carrier Safety Administration recently released a video asking motorists to drive safely and distraction-free when sharing the road with commercial motor vehicles. Created as part of FMCSA's Our Roads, Our Safety campaign, the one-minute video features testimony from Wisconsin-based truck driver Dick Pingel, a member of the board of directors for the Owner-Operator Independent Drivers Association – a partnering organization in the campaign. Read more at safetyandhealthmagazine.com.

This Hacker Made Clothes That Can Confuse Automatic License Plate Readers

In a future where everything is surveilled by computer vision algorithms, even the patterns on our clothing can be subversive. Digital security professional and fashion designer Kate Rose doesn't just design textile patterns. She sullies the databases gathered by license plate readers by creating clothes covered in fake license plates. If you've ever gotten a traffic ticket in the mail—sometimes complete with a photo of your vehicle, with yourself and passengers looking stunned in the front seat—your car has likely encountered an Automatic License Plate Reader, or ALPR. Read more at vice.com.

Like the Biker a Catasauqua Trucker Allegedly Hit on Purpose, Some Motorcyclists Say They Have Targets on Their Backs

Santos, a barber from Lower Saucon Township, likes the wind in his face as much as any biker, but he tries to be considerate of other motorists — yielding, signaling lane changes, keeping his distance to the extent possible in the Lehigh Valley's heavy traffic. It's a matter of self-preservation. Santos said more than a few car and truck drivers seem to have an inborn resentment toward motorcyclists. So when he read about the Catasauqua truck driver accused of intentionally ramming a motorcyclist whose driving annoyed him, he was bothered but not surprised. According to court records, motorcyclist Paul A. Entler suffered a collapsed lung, multiple broken ribs and a broken leg last week when 54-year-old Matthew E. Dietrich allegedly swerved into him at Race Street and Willowbrook Road in Hanover Township, Lehigh County. Police said Dietrich admitted hitting Entler deliberately because he thought the biker was driving carelessly. Read more at mcall.com.

@AAMVAConnection has been watching the twitter feed and decided to highlight some of the tweets here. Links are provided within most of the tweets, and we have also provided a link to each tweet as well. Note that you do not have to have an account or sign in to Twitter to view the message posts, images associated with the post, and the reach of the message (retweets, favorited, etc.).

Stay on top of the chatter in the MVA and LE community. You may be surprised at what you're missing! Follow @AAMVAConnection.

Check out recent @AAMVAConnection Twitter action.

*****Thank you for the @AAMVAConnection mentions!*****

CVSA @CVSA | View the Tweet

Here they are. Here's your first look at the 51 inspectors who will compete this week to earn the ultimate honor, the 2019 #NAIC Grand Champion Award. One of these inspectors will be this year's winner. Who will it be?

cvsa.jpg?r=1565979639676

MD State Police @MDSP | View the Tweet

Recent motorcycle crashes are prompting @mdsp to issue a reminder for both motorcyclists and other drivers to take precautions, especially during the remaining warm weather months. Since 7/28, troopers have responded to 6 fatal motorcycle crashes. READ >> https://bit.ly/2KxqhEu

mdsp.jpg?r=1565979692364

MD_MVA @MD_MVA | View the Tweet

Administrator Nizer and Governor Hogan demonstrated the Driver Alcohol System for Safety at #MACOcon. #MDOTInnovates

Learn more in our newsroom: http://bit.ly/2KPpfm2

md_mva.png?r=1565979771629

New Jersey MVC @NJ_MVC | View the Tweet

The Garden State's #Spanishspeaking community has a strong ally in the NJMVC. Chief @SueFulton in her report to MVC Board puts some #salsa on plans to build on successful Spanish language outreach – using everything from #socialmedia to #drivermanuals.

nj_mvc.png?r=1565979857145

NYS DMV @nysdmv | View the Tweet

The family of Colonie teen Niko DiNovo joined @NYSGTSC, DMV, @STOPDWINewYork, and law enforcement to help kick off the annual "Drive Sober or Get Pulled Over" impaired driving crackdown. The statewide campaign runs from Aug 14 thru Sept 2. Read more here https://dmv.ny.gov/press-release/press-release-08-13-2019 ...

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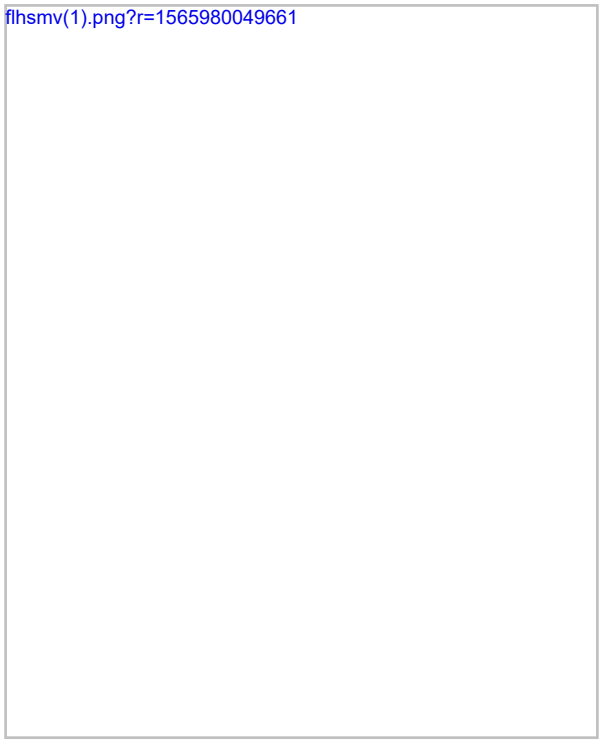
VermontDMV @VTDMV | View the Tweet

Manual Monday: Did you know we have an interactive version of our Drivers Manual? Check it out here: https://dmv.vermont.gov/licenses/driver-training/DriveVT ...

vtdmv.jpg?r=1565979997474

FLHSMV @FLHSMV | View the Tweet

On August 15, 1969, Neil Kirkman was appointed by Governor Kirk as the first Executive Director of @FLHSMV when the Depts. of Motor Vehicles and Public Safety were merged. Previously Director of #FHP, Neil Kirkman retired in 1970 after 25 years of service. #TBT #BehindTheDrive



Georgia DDS @GeorgiaDDS | View the Tweet

Our Contact Center has seen a Service Level increased from 82.25% in April 2019 to over 87% in June 2019. The team received a Commissioner's Customer Service Award for their hard work, dedication, and determination to exceeding agency expectations. #ThankYou



Iowa State Patrol @iowastatepatrol | View the Tweet

Who says you have to be a kid to enjoy the big slide at the Iowa State Fair??

Several members of the Iowa State Patrol took a few minutes out of their day to have some fun!

Photo Credit: Dan Ponxs
@IowaStateFair

iowastatepatrol.jpg?r=1565980186912

KansasDOT @DriveSafeKansas | View the Tweet

Today we kicked off the 2019 You Drink. You Drive. You Lose. impaired driving enforcement campaign. Always find a safe and sober way to your destination. #DriveSober @kshighwaypatrol @NHTSAgov

kansasdot.png?r=1565980236896

The Regional News e-newsletter is developed and distributed by the American Association of Motor Vehicle Administrators (AAMVA).
This message was intended for laurie.panacopoulos@state.ma.us. If you would like to stop receiving this message, click here to unsubscribe.

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From: regionalnews@aamva.org
To: Atkinson, Dana (POL)
Subject: AAMVA"s Regional News for August 16, 2019
Date: Friday, August 16, 2019 5:06:17 PM

August 16, 2019

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Gemalto

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AUGUST

18-19 | 2019 August Board of Directors Meeting
Omaha, NE

18 | 2019 August Industry Advisory Board Meeting
Omaha, NE

SEPTEMBER

11-12 | 2019 September State to State User Group Meeting
Orlando, FL

11-12 | 2019 September NDR Working Group Meeting
Savannah, GA

17-18 | 2019 September Imported Vehicles Working Group
Buffalo, NY

Annual International Conference Next Week

AIC_2019_Logo_WEB.jpg

AAMVA's 2019 Annual International Conference (AIC) takes place next week, August 20-22, in Omaha, Nebraska! Register online today! The conference provides an opportunity for you and your peers to discuss relevant driver's license, motor vehicle and law enforcement related issues. As with every AAMVA conference, the ability to network is one of the most beneficial experiences, and this year's AIC provides several networking opportunities, as well as interactive learning opportunities. Jurisdiction attendees will learn about the successes and challenges of others, share ideas, build relationships, and discover the many products and services provided by our industry partners that can assist in your mission. Industry attendees will have the opportunity to meet with key players in the driver's license, motor vehicle and law enforcement arenas. Visit the 2019 AIC Website for more information and to register!

Minnesota to Join State-to-State Verification Service (S2S)

Minnesota will begin using AAMVA's State-to-State Verification Service (S2S) on Monday, September 30, 2019. Tasks related to on-boarding Minnesota will be conducted during the weekend of September 28, 2019. During this process (Saturday evening to Monday morning), there may be periods during which the CDLIS/S2S Central Site is in inquiry-only mode or is unavailable (over and above the regularly scheduled maintenance window of 2:00 AM ET to 5:00 AM ET on Sunday, September 27, 2019). AAMVA is taking all steps possible to minimize service interruptions and will be sending alerts notifying states of Central Site availability throughout the process. Read more here.

Maryland Is Latest Testing Ground for Tech Aimed at Drunken Driving

Maryland officials are testing new technology installed in vehicles that prevents the car from moving if the driver's had too much to drink. The Driver Alcohol Detection System for Safety analyzes the driver's breath — there's no need for a separate device — and if the sensors in the vehicle pick up a given level of alcohol, the engine will turn over, but the car won't move. By allowing the car to start, the driver can then charge their phone and call a cab or a ride-hailing service. Read more at wtop.com.

As Real ID Deadline Approaches, MD Lawmaker Introduces Emergency Legislation to Protect Drivers (Maryland)

A Maryland lawmaker is working to introduce emergency legislation to address what

18-19 | 2019 September Foreign Reciprocity Resource Guide Working Group Meeting
Denver, CO

24-28 | 2019 September CDLIS Working Group Meeting
Denver, CO

25-26 | 2019 September Autonomous Vehicles Working Group Meeting
Pittsburgh, PA

***Register for the following training sessions HERE.**

AUGUST

20 | UNI Basics (basic)

21 | UNI Advanced A (advanced)

22 | SPEXS Bulk Load (intermediate)

SEPTEMBER - CDLIS

17 | CDLIS Reports Timeliness (intermediate)

18 | CDLIS Reports Data Quality (intermediate)

19 | CD90.4.1 Out-of State Transaction as SOR Reports (advanced)

24 | CDLIS Reports Identifying Potential Issues SDLA (advanced)

25 | CDLIS Reports Identifying Potential Issues Qtrl OP (advanced)

SEPTEMBER - PDPS

24 | PDPS Broken Pointer Management (intermediate)

25 | PDPS Clean File Processing (intermediate)

26 | PDPS Identity Correction (intermediate)

SEPTEMBER - SPEXS

9 | SPEXS Overview (basic)

10 | SPEXS Transactions AMIE (intermediate)

could be a serious problem for drivers who haven't gotten their Real ID licenses. Del. Eric Ebersole (D-Baltimore, Howard) introduced emergency legislation that would require officers to give drivers a legal document that would still allow them to drive to pick up a Real ID. The law could go into effect as soon as next year, but enforcement begins Oct. 1, 2020. Read more at marylandmatters.org.

MD Recalls 8,000 Real ID Driver's Licenses (Maryland)

If you're heading out on the road, double check your license before getting behind the wheel. The Maryland MVA has recalled the driver's licenses of 8,000 residents because they failed to meet requirements to be in compliance with the Real ID Act. Maryland officials said Thursday 8,000 drivers whose licenses have been recalled are among the first group of customers who failed to present required documentation by early July for a Real ID. Read more at baltimore.cbslocal.com.

How One City Saved $5 Million by Routing School Buses With an Algorithm (Massachusetts)

The yellow school bus has remained largely unchanged since it first debuted in 1939. But while the buses look the same, their routes have grown infinitely more complex in the past 80 years, as the number of students, schools, and road systems grow and change...In 2017, the district was facing serious challenges. On a per-pupil basis, BPS had the highest transportation costs in the country, around $2,000 per student per year, representing 10% of the district's budget. The schools dealt with rising costs each year, despite declining ridership. Read more at routefifty.com.

Massachusetts Registry Holds Annual Low Number Plate Lottery

The Massachusetts Registry of Motor Vehicles is holding its annual lottery for much sought-after low number vehicle license plates. Entries are being accepted online until Aug. 23. Mailed entries must be postmarked by that date. The winners will be announced Sept. 15. Read more at wwlp.com.

More Licenses Suspended as RMV Backtracking Continues (Massachusetts)

The Registry of Motor Vehicles suspended the licenses of more than 800 additional drivers in its ongoing review of potential missed violations, with thousands more requiring additional examination, officials said in a status update Thursday. More than 2,400 Massachusetts residents have now had their permission to drive revoked in the past six weeks based on out-of-state violations that the RMV, spurred into action in the wake of a fatal crash, previously failed to handle. Read more at wbur.org.

License Plates From Trash Helped NYC Worker Duck Tolls: Officials (New York)

One car's trash was this man's treasure. A New York City sanitation worker used license plates plucked from the garbage to dodge thousands of dollars in tickets and tolls, authorities said Wednesday...The 45-year-old worker was arrested Wednesday and the plates were found on his car in the Brooklyn garage where he worked, officials said. He's charged with grand larceny and obstructing governmental administration, the DOI said...The penalties could not be collected because the plates were not registered to any vehicle, according to the DOI. Read more at patch.com.

Lawmakers Might Bring Back License Plate Stickers With a New Twist (Pennsylvania)

The state House Transportation Committee is considering a bill to reinstate those little vehicle registration stickers on Pennsylvania license plates...The state eliminated the registration sticker requirement in January 2017 as part of a transportation funding bill approved in 2014. The Pennsylvania Department of Transportation said the move would save $3.1 million annually in the cost of producing the stickers and mailing them to vehicle owners. Read more at post-gazette.com.

PA License Plate Readers Gain Support for Their Use in Crime-Fighting, but Bill Would Address Privacy Concerns

11 | SPEXS Transactions NIEM (intermediate)

12 | SPEXS Batch Inquiry (intermediate)

13 | SPEXS Bulk Load (intermediate)

16 | SPEXS WEB UI and Reports (intermediate)

17 | SPEXS SPM (intermediate)

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In a future where everything is surveilled by computer vision algorithms, even the patterns on our clothing can be subversive. Digital security professional and fashion designer Kate Rose doesn't just design textile patterns. She sullies the databases gathered by license plate readers by creating clothes covered in fake license plates. If you've ever gotten a traffic ticket in the mail—sometimes complete with a photo of your vehicle, with yourself and passengers looking stunned in the front seat—your car has likely encountered an Automatic License Plate Reader, or ALPR. Read more at vice.com.

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nj_mvc.png?r=1565979857145

NYS DMV @nysdmv | View the Tweet

The family of Colonie teen Niko DiNovo joined @NYSGTSC, DMV, @STOPDWINewYork, and law enforcement to help kick off the annual "Drive Sober or Get Pulled Over" impaired driving crackdown. The statewide campaign runs from Aug 14 thru Sept 2. Read more here https://dmv.ny.gov/press-release/press-release-08-13-2019 ...

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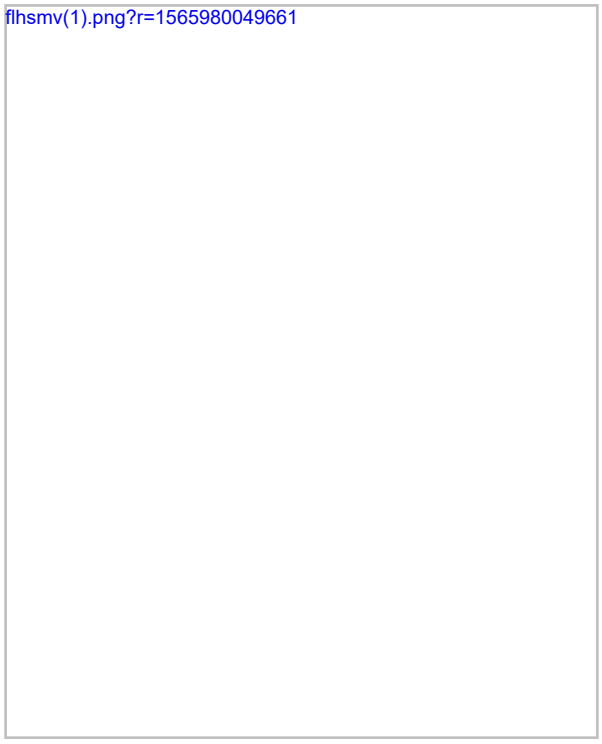
VermontDMV @VTDMV | View the Tweet

Manual Monday: Did you know we have an interactive version of our Drivers Manual? Check it out here: https://dmv.vermont.gov/licenses/driver-training/DriveVT ...

vtdmv.jpg?r=1565979997474

FLHSMV @FLHSMV | View the Tweet

On August 15, 1969, Neil Kirkman was appointed by Governor Kirk as the first Executive Director of @FLHSMV when the Depts. of Motor Vehicles and Public Safety were merged. Previously Director of #FHP, Neil Kirkman retired in 1970 after 25 years of service. #TBT #BehindTheDrive



Georgia DDS @GeorgiaDDS | View the Tweet

Our Contact Center has seen a Service Level increased from 82.25% in April 2019 to over 87% in June 2019. The team received a Commissioner's Customer Service Award for their hard work, dedication, and determination to exceeding agency expectations. #ThankYou



Iowa State Patrol @iowastatepatrol | View the Tweet

Who says you have to be a kid to enjoy the big slide at the Iowa State Fair??

Several members of the Iowa State Patrol took a few minutes out of their day to have some fun!

Photo Credit: Dan Ponxs
@IowaStateFair

iowastatepatrol.jpg?r=1565980186912

KansasDOT @DriveSafeKansas | View the Tweet

Today we kicked off the 2019 You Drink. You Drive. You Lose. impaired driving enforcement campaign. Always find a safe and sober way to your destination. #DriveSober @kshighwaypatrol @NHTSAgov

kansasdot.png?r=1565980236896

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To: Ferguson, Gary E (POL)
Subject: AAMVA"s Regional News for August 16, 2019
Date: Friday, August 16, 2019 5:06:17 PM

August 16, 2019

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AUGUST

18-19 | 2019 August Board of Directors Meeting
Omaha, NE

18 | 2019 August Industry Advisory Board Meeting
Omaha, NE

SEPTEMBER

11-12 | 2019 September State to State User Group Meeting
Orlando, FL

11-12 | 2019 September NDR Working Group Meeting
Savannah, GA

17-18 | 2019 September Imported Vehicles Working Group
Buffalo, NY

Annual International Conference Next Week

AIC_2019_Logo_WEB.jpg

AAMVA's 2019 Annual International Conference (AIC) takes place next week, August 20-22, in Omaha, Nebraska! Register online today! The conference provides an opportunity for you and your peers to discuss relevant driver's license, motor vehicle and law enforcement related issues. As with every AAMVA conference, the ability to network is one of the most beneficial experiences, and this year's AIC provides several networking opportunities, as well as interactive learning opportunities. Jurisdiction attendees will learn about the successes and challenges of others, share ideas, build relationships, and discover the many products and services provided by our industry partners that can assist in your mission. Industry attendees will have the opportunity to meet with key players in the driver's license, motor vehicle and law enforcement arenas. Visit the 2019 AIC Website for more information and to register!

Minnesota to Join State-to-State Verification Service (S2S)

Minnesota will begin using AAMVA's State-to-State Verification Service (S2S) on Monday, September 30, 2019. Tasks related to on-boarding Minnesota will be conducted during the weekend of September 28, 2019. During this process (Saturday evening to Monday morning), there may be periods during which the CDLIS/S2S Central Site is in inquiry-only mode or is unavailable (over and above the regularly scheduled maintenance window of 2:00 AM ET to 5:00 AM ET on Sunday, September 27, 2019). AAMVA is taking all steps possible to minimize service interruptions and will be sending alerts notifying states of Central Site availability throughout the process. Read more here.

Maryland Is Latest Testing Ground for Tech Aimed at Drunken Driving

Maryland officials are testing new technology installed in vehicles that prevents the car from moving if the driver's had too much to drink. The Driver Alcohol Detection System for Safety analyzes the driver's breath — there's no need for a separate device — and if the sensors in the vehicle pick up a given level of alcohol, the engine will turn over, but the car won't move. By allowing the car to start, the driver can then charge their phone and call a cab or a ride-hailing service. Read more at wtop.com.

As Real ID Deadline Approaches, MD Lawmaker Introduces Emergency Legislation to Protect Drivers (Maryland)

A Maryland lawmaker is working to introduce emergency legislation to address what

18-19 | 2019 September Foreign Reciprocity Resource Guide Working Group Meeting
Denver, CO

24-28 | 2019 September CDLIS Working Group Meeting
Denver, CO

25-26 | 2019 September Autonomous Vehicles Working Group Meeting
Pittsburgh, PA

***Register for the following training sessions HERE.**

AUGUST

20 | UNI Basics (basic)

21 | UNI Advanced A (advanced)

22 | SPEXS Bulk Load (intermediate)

SEPTEMBER - CDLIS

17 | CDLIS Reports Timeliness (intermediate)

18 | CDLIS Reports Data Quality (intermediate)

19 | CD90.4.1 Out-of State Transaction as SOR Reports (advanced)

24 | CDLIS Reports Identifying Potential Issues SDLA (advanced)

25 | CDLIS Reports Identifying Potential Issues Qtrl OP (advanced)

SEPTEMBER - PDPS

24 | PDPS Broken Pointer Management (intermediate)

25 | PDPS Clean File Processing (intermediate)

26 | PDPS Identity Correction (intermediate)

SEPTEMBER - SPEXS

9 | SPEXS Overview (basic)

10 | SPEXS Transactions AMIE (intermediate)

could be a serious problem for drivers who haven't gotten their Real ID licenses. Del. Eric Ebersole (D-Baltimore, Howard) introduced emergency legislation that would require officers to give drivers a legal document that would still allow them to drive to pick up a Real ID. The law could go into effect as soon as next year, but enforcement begins Oct. 1, 2020. Read more at marylandmatters.org.

MD Recalls 8,000 Real ID Driver's Licenses (Maryland)

If you're heading out on the road, double check your license before getting behind the wheel. The Maryland MVA has recalled the driver's licenses of 8,000 residents because they failed to meet requirements to be in compliance with the Real ID Act. Maryland officials said Thursday 8,000 drivers whose licenses have been recalled are among the first group of customers who failed to present required documentation by early July for a Real ID. Read more at baltimore.cbslocal.com.

How One City Saved $5 Million by Routing School Buses With an Algorithm (Massachusetts)

The yellow school bus has remained largely unchanged since it first debuted in 1939. But while the buses look the same, their routes have grown infinitely more complex in the past 80 years, as the number of students, schools, and road systems grow and change...In 2017, the district was facing serious challenges. On a per-pupil basis, BPS had the highest transportation costs in the country, around $2,000 per student per year, representing 10% of the district's budget. The schools dealt with rising costs each year, despite declining ridership. Read more at routefifty.com.

Massachusetts Registry Holds Annual Low Number Plate Lottery

The Massachusetts Registry of Motor Vehicles is holding its annual lottery for much sought-after low number vehicle license plates. Entries are being accepted online until Aug. 23. Mailed entries must be postmarked by that date. The winners will be announced Sept. 15. Read more at wwlp.com.

More Licenses Suspended as RMV Backtracking Continues (Massachusetts)

The Registry of Motor Vehicles suspended the licenses of more than 800 additional drivers in its ongoing review of potential missed violations, with thousands more requiring additional examination, officials said in a status update Thursday. More than 2,400 Massachusetts residents have now had their permission to drive revoked in the past six weeks based on out-of-state violations that the RMV, spurred into action in the wake of a fatal crash, previously failed to handle. Read more at wbur.org.

License Plates From Trash Helped NYC Worker Duck Tolls: Officials (New York)

One car's trash was this man's treasure. A New York City sanitation worker used license plates plucked from the garbage to dodge thousands of dollars in tickets and tolls, authorities said Wednesday...The 45-year-old worker was arrested Wednesday and the plates were found on his car in the Brooklyn garage where he worked, officials said. He's charged with grand larceny and obstructing governmental administration, the DOI said...The penalties could not be collected because the plates were not registered to any vehicle, according to the DOI. Read more at patch.com.

Lawmakers Might Bring Back License Plate Stickers With a New Twist (Pennsylvania)

The state House Transportation Committee is considering a bill to reinstate those little vehicle registration stickers on Pennsylvania license plates...The state eliminated the registration sticker requirement in January 2017 as part of a transportation funding bill approved in 2014. The Pennsylvania Department of Transportation said the move would save $3.1 million annually in the cost of producing the stickers and mailing them to vehicle owners. Read more at post-gazette.com.

PA License Plate Readers Gain Support for Their Use in Crime-Fighting, but Bill Would Address Privacy Concerns

11 | SPEXS Transactions NIEM (intermediate)

12 | SPEXS Batch Inquiry (intermediate)

13 | SPEXS Bulk Load (intermediate)

16 | SPEXS WEB UI and Reports (intermediate)

17 | SPEXS SPM (intermediate)

REGISTER ONLINE!



AUGUST

20 | NMVTIS State Web Interface (SWI) – How to Correct Title and Brand Data on the Central Site

22 | NMVTIS Suspense Resolution for Online States (AMIE Version) – Part 2

27 | NMVTIS State Web Interface (SWI) – Instant Title Verification Using the VIN Search Feature

28 | NMVTIS Suspense Resolution for Online States (Web Service Version) – Part 2

SEPTEMBER

5 | NMVTIS Suspense Resolution for Online States (Web Service Version) – Part 1

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(Pennsylvania)

Police departments across the state use specialized cameras to automatically read license plates. Officers say the cameras are a boon to law enforcement, but lawmakers want to make sure the data they capture doesn't fall into the wrong hands. There are no current guidelines as to how automated license plate readers, or ALPRs, are used in the state. Rep. Greg Rothman, R-Cumberland County, says he hopes to not only manage their use but also set up a statewide database where law enforcement would store and share data, which has the potential to improve crime-solving. Read more at pennlive.com.



Hands-Free Law: Is It Working? GA Highway Safety Discusses at Conference (Georgia)

Allen Poole who is the director of the Governor's Office of Highway Safety had a message for hundreds of law enforcement officers Monday in Savannah. As he opened a three-day safety conference, he said decreasing traffic deaths is possible. After an increase in the number of traffic fatalities between 2014 and 2016, Poole says there is now a downward trend. He and other safety experts attribute at least part of that to the Georgia Hands-Free Law that became law in July of 2018. Read more at wsav.com.

Georgia Highway Becomes Testbed for Connected Vehicles

A stretch of Interstate highway in Georgia will mark one of the latest developments of connected vehicle infrastructure and technology. The Ray, a section of Interstate 85 in southern Georgia, will be outfitted with connected vehicle technologies as part of a two-year project organized by the Georgia Department of Transportation, Panasonic and The Ray, a stretch of highway named after Ray C. Anderson, a Georgia business leader in green energy. The roadway is a testing ground for innovation in sustainability and transportation. Read more at govtech.com.

Born 'Unnamed,' SC Man Hits Legal Snag to Get Real ID. He's Not Alone (South Carolina)

Clinkscales, who turns 66 in November, had no idea he was about to embark on a months-long process to get his ID, which would lead to him hiring an attorney and waiting for a judge...Clinkscales' case is far from unusual in South Carolina, particularly for minorities and low-income South Carolinians, legal professionals familiar with these cases say...S.C. Department of Motor Vehicles' chief Kevin Shwedo said his agency is working aggressively to help South Carolinians who can't get their REAL ID. Aside from personally attempting to connect people with resources to get one, Shwedo said Motor Vehicles also has taken part in phone banking with at least one television news station and plans to do the same with others across the state very soon. Read more at thestate.com.

TxDOT Details What Caused Most of the Fatal Crashes in 2018 (Texas)

More than 3,600 people died on Texas roadways in 2018, according to data recently released by the Texas Department of Transportation. In a series of reports, TxDOT officials detailed what they call 'contributing factors' in the spate of deadly wrecks, which is essentially a list of things that caused each wreck. One fatal wreck can have multiple contributing factors, such as falling asleep or driving while intoxicated. Read more at msn.com.

VA Man Pleads Guilty to Scheme to Provide Fake Maryland Driver's Licenses to Applicants (Virginia)

A Virginia man pled guilty to a federal charge related to a scheme to provide fake Maryland driver's licenses to applicants who paid a fee. Warner Portillo, 34, of Manassas, Virginia, pled guilty to conspiracy to produce and transfer identification documents without lawful authority, specifically Maryland driver's licenses. According to his plea agreement, from at least July 2015 through March 2016, Portillo conspired with two employees of the MVA who worked in the Largo branch office, to produce and transfer Maryland driver's licenses without lawful authority. Read more at baltimore.cbslocal.com.

AUGUST

AAMVA RFQ FY19-20204 Redgate Software Renewal
August 19, 2019

AAMVA RFQ FY19-20278: Symantec Renewal
August 20, 2019

AAMVA RFQ FY19-20254: Cisco Hardware Purchase
August 20, 2019

AAMVA RFP FY20 - 20267: 2019 November IDEC & TMS Working Group Meeting
August 22, 2019

SEPTEMBER

AAMVA RFQ FY19-18610: Learning Management System (LMS) Software
September 3, 2019

AAMVA RFP No. FY21-20205: 2020 Region 1 Planning & Administrators Meeting
September 6, 2019

AAMVA RFP FY21-17941: 2021 Region 1 Conference
September 6, 2019

DMV Offices Across Nebraska Will Have Shorter Hours During September for Staff Training

Driver licensing offices across Nebraska will be closed some days or hours in September for staff training. The Nebraska Department of Motor Vehicles announced that some offices will have reduced hours, while others will close for entire days between Sept. 9 and Sept. 30. The closings will allow driver license examiners to get training on fraudulent document recognition and the latest fraud prevention techniques. It also will allow them to learn about administering the latest version of the commercial driver license and motorcycle skills tests. Read more at omaha.com.

Jail Time for Drivers Who Illegally Pass School Buses Could Soon Become Reality in Avon Lake (Ohio)

A new school year means more school buses will soon be on the roads. And while police in Avon Lake will be beefing up patrols for drivers who illegally pass school buses, one city councilman wants to put violators behind bars. If passed, Avon Lake will become the first in Northeast Ohio to add jail time for drivers [who] illegally pass school buses. Ward IV Councilman David Kos introduced the ordinance that will increase fines from $500-$750, and allow a judge to impose up to a 30-day jail sentence. Read more at fox8.com.

Ohio Freezes Most Law Enforcement Access to Facial-Recognition Analysis of Driver's License Photos

Most law enforcement agencies in Ohio will lose — at least temporarily — access to a database of roughly 21 million driver's license photos taken in the state after a decision Ohio Attorney General David Yost announced yesterday...After media reports revealed federal law enforcement practices using facial recognition software on state driver's license databases, Yost earlier this year asked for a review of the database and the way officers use it. That inquiry didn't find any improper conduct, but, before they log back on, Yost wants the roughly 4,500 officers who had access to the system trained on the current weaknesses possible with facial recognition software that could lead to gender or racial bias. Read more at citybeat.com.

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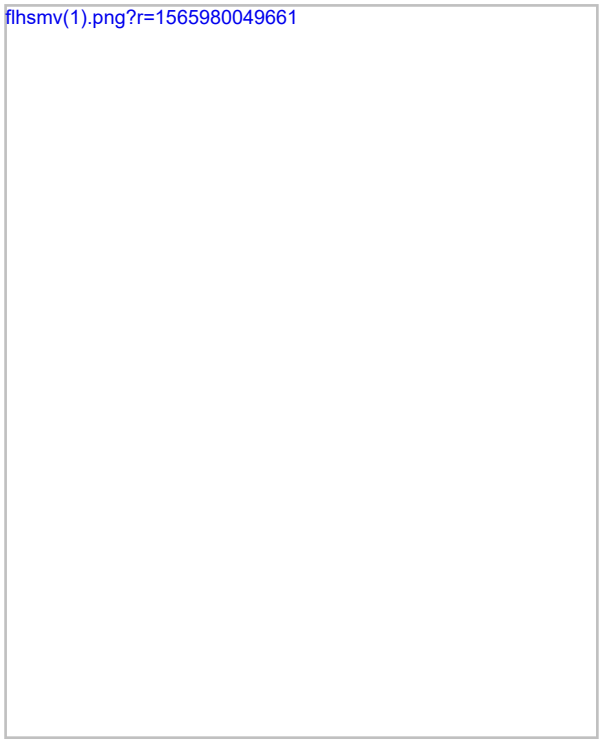
VermontDMV @VTDMV | View the Tweet

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Photo Credit: Dan Ponxs
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MD Recalls 8,000 Real ID Driver's Licenses (Maryland)

If you're heading out on the road, double check your license before getting behind the wheel. The Maryland MVA has recalled the driver's licenses of 8,000 residents because they failed to meet requirements to be in compliance with the Real ID Act. Maryland officials said Thursday 8,000 drivers whose licenses have been recalled are among the first group of customers who failed to present required documentation by early July for a Real ID. Read more at baltimore.cbslocal.com.

How One City Saved $5 Million by Routing School Buses With an Algorithm (Massachusetts)

The yellow school bus has remained largely unchanged since it first debuted in 1939. But while the buses look the same, their routes have grown infinitely more complex in the past 80 years, as the number of students, schools, and road systems grow and change...In 2017, the district was facing serious challenges. On a per-pupil basis, BPS had the highest transportation costs in the country, around $2,000 per student per year, representing 10% of the district's budget. The schools dealt with rising costs each year, despite declining ridership. Read more at routefifty.com.

Massachusetts Registry Holds Annual Low Number Plate Lottery

The Massachusetts Registry of Motor Vehicles is holding its annual lottery for much sought-after low number vehicle license plates. Entries are being accepted online until Aug. 23. Mailed entries must be postmarked by that date. The winners will be announced Sept. 15. Read more at wwlp.com.

More Licenses Suspended as RMV Backtracking Continues (Massachusetts)

The Registry of Motor Vehicles suspended the licenses of more than 800 additional drivers in its ongoing review of potential missed violations, with thousands more requiring additional examination, officials said in a status update Thursday. More than 2,400 Massachusetts residents have now had their permission to drive revoked in the past six weeks based on out-of-state violations that the RMV, spurred into action in the wake of a fatal crash, previously failed to handle. Read more at wbur.org.

License Plates From Trash Helped NYC Worker Duck Tolls: Officials (New York)

One car's trash was this man's treasure. A New York City sanitation worker used license plates plucked from the garbage to dodge thousands of dollars in tickets and tolls, authorities said Wednesday...The 45-year-old worker was arrested Wednesday and the plates were found on his car in the Brooklyn garage where he worked, officials said. He's charged with grand larceny and obstructing governmental administration, the DOI said...The penalties could not be collected because the plates were not registered to any vehicle, according to the DOI. Read more at patch.com.

Lawmakers Might Bring Back License Plate Stickers With a New Twist (Pennsylvania)

The state House Transportation Committee is considering a bill to reinstate those little vehicle registration stickers on Pennsylvania license plates...The state eliminated the registration sticker requirement in January 2017 as part of a transportation funding bill approved in 2014. The Pennsylvania Department of Transportation said the move would save $3.1 million annually in the cost of producing the stickers and mailing them to vehicle owners. Read more at post-gazette.com.

PA License Plate Readers Gain Support for Their Use in Crime-Fighting, but Bill Would Address Privacy Concerns

11 | SPEXS Transactions NIEM (intermediate)

12 | SPEXS Batch Inquiry (intermediate)

13 | SPEXS Bulk Load (intermediate)

16 | SPEXS WEB UI and Reports (intermediate)

17 | SPEXS SPM (intermediate)

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AUGUST

20 | NMVTIS State Web Interface (SWI) – How to Correct Title and Brand Data on the Central Site

22 | NMVTIS Suspense Resolution for Online States (AMIE Version) – Part 2

27 | NMVTIS State Web Interface (SWI) – Instant Title Verification Using the VIN Search Feature

28 | NMVTIS Suspense Resolution for Online States (Web Service Version) – Part 2

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(Pennsylvania)

Police departments across the state use specialized cameras to automatically read license plates. Officers say the cameras are a boon to law enforcement, but lawmakers want to make sure the data they capture doesn't fall into the wrong hands. There are no current guidelines as to how automated license plate readers, or ALPRs, are used in the state. Rep. Greg Rothman, R-Cumberland County, says he hopes to not only manage their use but also set up a statewide database where law enforcement would store and share data, which has the potential to improve crime-solving. Read more at pennlive.com.



Hands-Free Law: Is It Working? GA Highway Safety Discusses at Conference (Georgia)

Allen Poole who is the director of the Governor's Office of Highway Safety had a message for hundreds of law enforcement officers Monday in Savannah. As he opened a three-day safety conference, he said decreasing traffic deaths is possible. After an increase in the number of traffic fatalities between 2014 and 2016, Poole says there is now a downward trend. He and other safety experts attribute at least part of that to the Georgia Hands-Free Law that became law in July of 2018. Read more at wsav.com.

Georgia Highway Becomes Testbed for Connected Vehicles

A stretch of Interstate highway in Georgia will mark one of the latest developments of connected vehicle infrastructure and technology. The Ray, a section of Interstate 85 in southern Georgia, will be outfitted with connected vehicle technologies as part of a two-year project organized by the Georgia Department of Transportation, Panasonic and The Ray, a stretch of highway named after Ray C. Anderson, a Georgia business leader in green energy. The roadway is a testing ground for innovation in sustainability and transportation. Read more at govtech.com.

Born 'Unnamed,' SC Man Hits Legal Snag to Get Real ID. He's Not Alone (South Carolina)

Clinkscales, who turns 66 in November, had no idea he was about to embark on a months-long process to get his ID, which would lead to him hiring an attorney and waiting for a judge...Clinkscales' case is far from unusual in South Carolina, particularly for minorities and low-income South Carolinians, legal professionals familiar with these cases say...S.C. Department of Motor Vehicles' chief Kevin Shwedo said his agency is working aggressively to help South Carolinians who can't get their REAL ID. Aside from personally attempting to connect people with resources to get one, Shwedo said Motor Vehicles also has taken part in phone banking with at least one television news station and plans to do the same with others across the state very soon. Read more at thestate.com.

TxDOT Details What Caused Most of the Fatal Crashes in 2018 (Texas)

More than 3,600 people died on Texas roadways in 2018, according to data recently released by the Texas Department of Transportation. In a series of reports, TxDOT officials detailed what they call 'contributing factors' in the spate of deadly wrecks, which is essentially a list of things that caused each wreck. One fatal wreck can have multiple contributing factors, such as falling asleep or driving while intoxicated. Read more at msn.com.

VA Man Pleads Guilty to Scheme to Provide Fake Maryland Driver's Licenses to Applicants (Virginia)

A Virginia man pled guilty to a federal charge related to a scheme to provide fake Maryland driver's licenses to applicants who paid a fee. Warner Portillo, 34, of Manassas, Virginia, pled guilty to conspiracy to produce and transfer identification documents without lawful authority, specifically Maryland driver's licenses. According to his plea agreement, from at least July 2015 through March 2016, Portillo conspired with two employees of the MVA who worked in the Largo branch office, to produce and transfer Maryland driver's licenses without lawful authority. Read more at baltimore.cbslocal.com.

AUGUST

AAMVA RFQ FY19-20204 Redgate Software Renewal
August 19, 2019

AAMVA RFQ FY19-20278: Symantec Renewal
August 20, 2019

AAMVA RFQ FY19-20254: Cisco Hardware Purchase
August 20, 2019

AAMVA RFP FY20 - 20267: 2019 November IDEC & TMS Working Group Meeting
August 22, 2019

SEPTEMBER

AAMVA RFQ FY19-18610: Learning Management System (LMS) Software
September 3, 2019

AAMVA RFP No. FY21-20205: 2020 Region 1 Planning & Administrators Meeting
September 6, 2019

AAMVA RFP FY21-17941: 2021 Region 1 Conference
September 6, 2019

DMV Offices Across Nebraska Will Have Shorter Hours During September for Staff Training

Driver licensing offices across Nebraska will be closed some days or hours in September for staff training. The Nebraska Department of Motor Vehicles announced that some offices will have reduced hours, while others will close for entire days between Sept. 9 and Sept. 30. The closings will allow driver license examiners to get training on fraudulent document recognition and the latest fraud prevention techniques. It also will allow them to learn about administering the latest version of the commercial driver license and motorcycle skills tests. Read more at omaha.com.

Jail Time for Drivers Who Illegally Pass School Buses Could Soon Become Reality in Avon Lake (Ohio)

A new school year means more school buses will soon be on the roads. And while police in Avon Lake will be beefing up patrols for drivers who illegally pass school buses, one city councilman wants to put violators behind bars. If passed, Avon Lake will become the first in Northeast Ohio to add jail time for drivers [who] illegally pass school buses. Ward IV Councilman David Kos introduced the ordinance that will increase fines from $500-$750, and allow a judge to impose up to a 30-day jail sentence. Read more at fox8.com.

Ohio Freezes Most Law Enforcement Access to Facial-Recognition Analysis of Driver's License Photos

Most law enforcement agencies in Ohio will lose — at least temporarily — access to a database of roughly 21 million driver's license photos taken in the state after a decision Ohio Attorney General David Yost announced yesterday...After media reports revealed federal law enforcement practices using facial recognition software on state driver's license databases, Yost earlier this year asked for a review of the database and the way officers use it. That inquiry didn't find any improper conduct, but, before they log back on, Yost wants the roughly 4,500 officers who had access to the system trained on the current weaknesses possible with facial recognition software that could lead to gender or racial bias. Read more at citybeat.com.

This Guy Got the License Plate 'NULL' and It Was a Total Disaster (California)

A cybersecurity expert tested a galaxy-brain plan to hide his car from license plate readers and ticketing systems: registering the vanity license plate 'NULL.' His plan worked, sort of — the NULL plates definitely caused a problem within the system. But they also caused a citation processing center to send the guy, who goes by 'Droogie' in the cybersec community, $18,000 worth of parking tickets and other fines, according to Utah radio station KNRS. Droogie got the first wave of fines dismissed — but his attempt to game the system provides a whimsical warning against throwing a wrench into the mechanism of the DMV. Read more at futurism.com.

Governor Proclaims Aug. 12 'Colorado Motorcycle Memorial Day'

2019 is on pace to become one of the deadliest years on the road this decade for motorcyclists. To date, there have been 65 fatal motorcycle crashes, compared to 60 at this time last year. Since 2012, motorcycle fatalities on Colorado's roads have increased 30 percent. State officials are hoping to increase awareness about motorcycle safety, both for riders and the drivers who share the roads with them. Read more at kktv.com.

As Colorado Considers an Electric-Vehicle Mandate, Here's What to Expect

Whether Colorado becomes a zero-emission vehicle state could be decided this week, as the state Air Quality Control Commission kicks off a three-day hearing on Tuesday. If the commission decides to move forward, Colorado would become the

10th state to adopt California's ZEV policy, which requires automakers to offer a certain number of electric vehicles in those states. Read more at coloradosun.com.

Gender-Neutral Option on Washington State Driver's Licenses Gets First Public Hearing

The first of three public hearings regarding a third gender marker on Washington driver's licenses was held Monday evening. Representatives from the state's Department of Licensing heard public opinion on offering a non-binary option on driver's licenses. Under consideration is the addition of an 'X' when getting a license. The change would also affect instruction permits and state ID cards. Read more at king5.com.



Michelin's NexTraq Unit Launches Digital Safe-Driving Tool

NexTraq L.L.C., a Michelin company focused on telematics solutions, has developed a digital tool that disables drivers' smartphones and tablet screens while their vehicle is in motion. The new tool—dubbed 'MobileBlock'—was developed in partnership with SafeDrivePod International B.V., Michelin said, and is designed to help managers enforce company policies restricting unauthorized use of company-issued tablets and smartphones, thus limiting distractions. Read more at rubbernews.com.

Heidi King, Acting Head of National Highway Traffic Safety Administration Resigns

Heidi King, the acting head of the National Highway Traffic Safety Administration, has resigned, the U.S. Department of Transportation confirmed Wednesday. The deputy administrator of the nation's top traffic safety watchdog, King was awaiting Senate confirmation to permanently lead the agency. Her resignation is effective Aug. 31, according to the U.S. DOT...James Owens, U.S. DOT deputy general counsel, will replace King as deputy administrator and will serve as the agency's acting administrator, the U.S. DOT said. Read more at freep.com.

FMCSA Unveils Proposed Changes to Hours-of-Service Rules

The Federal Motor Carrier Safety Administration on Aug. 14 issued a long-awaited proposal to make changes to its hours-of-service rules that would increase truck drivers' flexibility with their 30-minute rest break and with allocating time in a sleeper berth. The proposal also would extend by two hours duty time for drivers encountering adverse weather and expand the current 100 air-mile 'shorthaul' exemption from 12 hours on-duty to 14 hours on-duty, consistent with workday rules for longhaul truck drivers. Read more at ttnews.com.

New Video Offers Tips on Sharing the Road Safely With Trucks

The Federal Motor Carrier Safety Administration recently released a video asking motorists to drive safely and distraction-free when sharing the road with commercial motor vehicles. Created as part of FMCSA's Our Roads, Our Safety campaign, the one-minute video features testimony from Wisconsin-based truck driver Dick Pingel, a member of the board of directors for the Owner-Operator Independent Drivers Association – a partnering organization in the campaign. Read more at safetyandhealthmagazine.com.

This Hacker Made Clothes That Can Confuse Automatic License Plate Readers

In a future where everything is surveilled by computer vision algorithms, even the patterns on our clothing can be subversive. Digital security professional and fashion designer Kate Rose doesn't just design textile patterns. She sullies the databases gathered by license plate readers by creating clothes covered in fake license plates. If you've ever gotten a traffic ticket in the mail—sometimes complete with a photo of your vehicle, with yourself and passengers looking stunned in the front seat—your car has likely encountered an Automatic License Plate Reader, or ALPR. Read more at vice.com.

Like the Biker a Catasauqua Trucker Allegedly Hit on Purpose, Some Motorcyclists Say They Have Targets on Their Backs

Santos, a barber from Lower Saucon Township, likes the wind in his face as much as any biker, but he tries to be considerate of other motorists — yielding, signaling lane changes, keeping his distance to the extent possible in the Lehigh Valley's heavy traffic. It's a matter of self-preservation. Santos said more than a few car and truck drivers seem to have an inborn resentment toward motorcyclists. So when he read about the Catasauqua truck driver accused of intentionally ramming a motorcyclist whose driving annoyed him, he was bothered but not surprised. According to court records, motorcyclist Paul A. Entler suffered a collapsed lung, multiple broken ribs and a broken leg last week when 54-year-old Matthew E. Dietrich allegedly swerved into him at Race Street and Willowbrook Road in Hanover Township, Lehigh County. Police said Dietrich admitted hitting Entler deliberately because he thought the biker was driving carelessly. Read more at mcall.com.

@AAMVAConnection has been watching the twitter feed and decided to highlight some of the tweets here. Links are provided within most of the tweets, and we have also provided a link to each tweet as well. Note that you do not have to have an account or sign in to Twitter to view the message posts, images associated with the post, and the reach of the message (retweets, favorited, etc.).

Stay on top of the chatter in the MVA and LE community. You may be surprised at what you're missing! Follow @AAMVAConnection.

Check out recent @AAMVAConnection Twitter action.

*****Thank you for the @AAMVAConnection mentions!*****

CVSA @CVSA | View the Tweet

Here they are. Here's your first look at the 51 inspectors who will compete this week to earn the ultimate honor, the 2019 #NAIC Grand Champion Award. One of these inspectors will be this year's winner. Who will it be?

cvsa.jpg?r=1565979639676

MD State Police @MDSP | View the Tweet

Recent motorcycle crashes are prompting @mdsp to issue a reminder for both motorcyclists and other drivers to take precautions, especially during the remaining warm weather months. Since 7/28, troopers have responded to 6 fatal motorcycle crashes. READ >> https://bit.ly/2KxqhEu

mdsp.jpg?r=1565979692364

MD_MVA @MD_MVA | View the Tweet

Administrator Nizer and Governor Hogan demonstrated the Driver Alcohol System for Safety at #MACOcon. #MDOTInnovates

Learn more in our newsroom: http://bit.ly/2KPpfm2

md_mva.png?r=1565979771629

New Jersey MVC @NJ_MVC | View the Tweet

The Garden State's #Spanishspeaking community has a strong ally in the NJMVC. Chief @SueFulton in her report to MVC Board puts some #salsa on plans to build on successful Spanish language outreach – using everything from #socialmedia to #drivermanuals.

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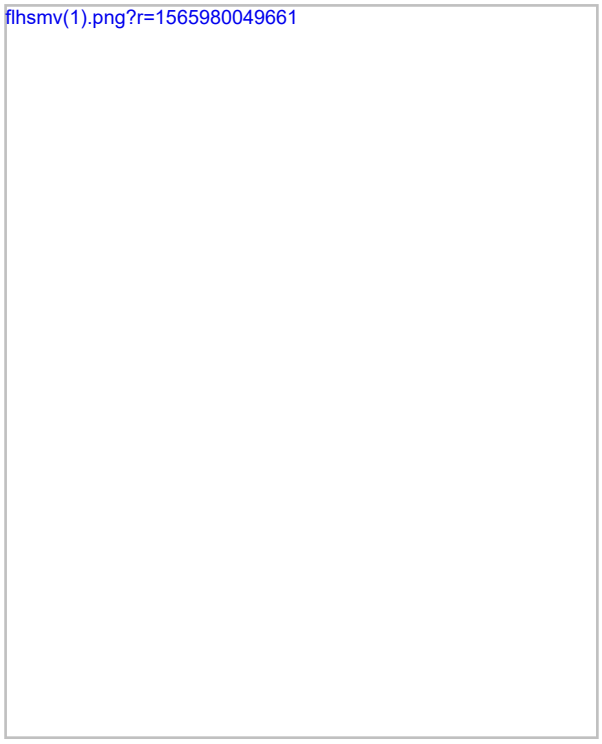
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VA Man Pleads Guilty to Scheme to Provide Fake Maryland Driver's Licenses to Applicants (Virginia)

A Virginia man pled guilty to a federal charge related to a scheme to provide fake Maryland driver's licenses to applicants who paid a fee. Warner Portillo, 34, of Manassas, Virginia, pled guilty to conspiracy to produce and transfer identification documents without lawful authority, specifically Maryland driver's licenses. According to his plea agreement, from at least July 2015 through March 2016, Portillo conspired with two employees of the MVA who worked in the Largo branch office, to produce and transfer Maryland driver's licenses without lawful authority. Read more at baltimore.cbslocal.com.

AUGUST

AAMVA RFQ FY19-20204 Redgate Software Renewal
August 19, 2019

AAMVA RFQ FY19-20278: Symantec Renewal
August 20, 2019

AAMVA RFQ FY19-20254: Cisco Hardware Purchase
August 20, 2019

AAMVA RFP FY20 - 20267: 2019 November IDEC & TMS Working Group Meeting
August 22, 2019

SEPTEMBER

AAMVA RFQ FY19-18610: Learning Management System (LMS) Software
September 3, 2019

AAMVA RFP No. FY21-20205: 2020 Region 1 Planning & Administrators Meeting
September 6, 2019

AAMVA RFP FY21-17941: 2021 Region 1 Conference
September 6, 2019

DMV Offices Across Nebraska Will Have Shorter Hours During September for Staff Training

Driver licensing offices across Nebraska will be closed some days or hours in September for staff training. The Nebraska Department of Motor Vehicles announced that some offices will have reduced hours, while others will close for entire days between Sept. 9 and Sept. 30. The closings will allow driver license examiners to get training on fraudulent document recognition and the latest fraud prevention techniques. It also will allow them to learn about administering the latest version of the commercial driver license and motorcycle skills tests. Read more at omaha.com.

Jail Time for Drivers Who Illegally Pass School Buses Could Soon Become Reality in Avon Lake (Ohio)

A new school year means more school buses will soon be on the roads. And while police in Avon Lake will be beefing up patrols for drivers who illegally pass school buses, one city councilman wants to put violators behind bars. If passed, Avon Lake will become the first in Northeast Ohio to add jail time for drivers [who] illegally pass school buses. Ward IV Councilman David Kos introduced the ordinance that will increase fines from $500-$750, and allow a judge to impose up to a 30-day jail sentence. Read more at fox8.com.

Ohio Freezes Most Law Enforcement Access to Facial-Recognition Analysis of Driver's License Photos

Most law enforcement agencies in Ohio will lose — at least temporarily — access to a database of roughly 21 million driver's license photos taken in the state after a decision Ohio Attorney General David Yost announced yesterday...After media reports revealed federal law enforcement practices using facial recognition software on state driver's license databases, Yost earlier this year asked for a review of the database and the way officers use it. That inquiry didn't find any improper conduct, but, before they log back on, Yost wants the roughly 4,500 officers who had access to the system trained on the current weaknesses possible with facial recognition software that could lead to gender or racial bias. Read more at citybeat.com.

This Guy Got the License Plate 'NULL' and It Was a Total Disaster (California)

A cybersecurity expert tested a galaxy-brain plan to hide his car from license plate readers and ticketing systems: registering the vanity license plate 'NULL.' His plan worked, sort of — the NULL plates definitely caused a problem within the system. But they also caused a citation processing center to send the guy, who goes by 'Droogie' in the cybersec community, $18,000 worth of parking tickets and other fines, according to Utah radio station KNRS. Droogie got the first wave of fines dismissed — but his attempt to game the system provides a whimsical warning against throwing a wrench into the mechanism of the DMV. Read more at futurism.com.

Governor Proclaims Aug. 12 'Colorado Motorcycle Memorial Day'

2019 is on pace to become one of the deadliest years on the road this decade for motorcyclists. To date, there have been 65 fatal motorcycle crashes, compared to 60 at this time last year. Since 2012, motorcycle fatalities on Colorado's roads have increased 30 percent. State officials are hoping to increase awareness about motorcycle safety, both for riders and the drivers who share the roads with them. Read more at kktv.com.

As Colorado Considers an Electric-Vehicle Mandate, Here's What to Expect

Whether Colorado becomes a zero-emission vehicle state could be decided this week, as the state Air Quality Control Commission kicks off a three-day hearing on Tuesday. If the commission decides to move forward, Colorado would become the

10th state to adopt California's ZEV policy, which requires automakers to offer a certain number of electric vehicles in those states. Read more at coloradosun.com.

Gender-Neutral Option on Washington State Driver's Licenses Gets First Public Hearing

The first of three public hearings regarding a third gender marker on Washington driver's licenses was held Monday evening. Representatives from the state's Department of Licensing heard public opinion on offering a non-binary option on driver's licenses. Under consideration is the addition of an 'X' when getting a license. The change would also affect instruction permits and state ID cards. Read more at king5.com.



Michelin's NexTraq Unit Launches Digital Safe-Driving Tool

NexTraq L.L.C., a Michelin company focused on telematics solutions, has developed a digital tool that disables drivers' smartphones and tablet screens while their vehicle is in motion. The new tool—dubbed 'MobileBlock'—was developed in partnership with SafeDrivePod International B.V., Michelin said, and is designed to help managers enforce company policies restricting unauthorized use of company-issued tablets and smartphones, thus limiting distractions. Read more at rubbernews.com.

Heidi King, Acting Head of National Highway Traffic Safety Administration Resigns

Heidi King, the acting head of the National Highway Traffic Safety Administration, has resigned, the U.S. Department of Transportation confirmed Wednesday. The deputy administrator of the nation's top traffic safety watchdog, King was awaiting Senate confirmation to permanently lead the agency. Her resignation is effective Aug. 31, according to the U.S. DOT...James Owens, U.S. DOT deputy general counsel, will replace King as deputy administrator and will serve as the agency's acting administrator, the U.S. DOT said. Read more at freep.com.

FMCSA Unveils Proposed Changes to Hours-of-Service Rules

The Federal Motor Carrier Safety Administration on Aug. 14 issued a long-awaited proposal to make changes to its hours-of-service rules that would increase truck drivers' flexibility with their 30-minute rest break and with allocating time in a sleeper berth. The proposal also would extend by two hours duty time for drivers encountering adverse weather and expand the current 100 air-mile 'shorthaul' exemption from 12 hours on-duty to 14 hours on-duty, consistent with workday rules for longhaul truck drivers. Read more at ttnews.com.

New Video Offers Tips on Sharing the Road Safely With Trucks

The Federal Motor Carrier Safety Administration recently released a video asking motorists to drive safely and distraction-free when sharing the road with commercial motor vehicles. Created as part of FMCSA's Our Roads, Our Safety campaign, the one-minute video features testimony from Wisconsin-based truck driver Dick Pingel, a member of the board of directors for the Owner-Operator Independent Drivers Association – a partnering organization in the campaign. Read more at safetyandhealthmagazine.com.

This Hacker Made Clothes That Can Confuse Automatic License Plate Readers

In a future where everything is surveilled by computer vision algorithms, even the patterns on our clothing can be subversive. Digital security professional and fashion designer Kate Rose doesn't just design textile patterns. She sullies the databases gathered by license plate readers by creating clothes covered in fake license plates. If you've ever gotten a traffic ticket in the mail—sometimes complete with a photo of your vehicle, with yourself and passengers looking stunned in the front seat—your car has likely encountered an Automatic License Plate Reader, or ALPR. Read more at vice.com.

Like the Biker a Catasauqua Trucker Allegedly Hit on Purpose, Some Motorcyclists Say They Have Targets on Their Backs

Santos, a barber from Lower Saucon Township, likes the wind in his face as much as any biker, but he tries to be considerate of other motorists — yielding, signaling lane changes, keeping his distance to the extent possible in the Lehigh Valley's heavy traffic. It's a matter of self-preservation. Santos said more than a few car and truck drivers seem to have an inborn resentment toward motorcyclists. So when he read about the Catasauqua truck driver accused of intentionally ramming a motorcyclist whose driving annoyed him, he was bothered but not surprised. According to court records, motorcyclist Paul A. Entler suffered a collapsed lung, multiple broken ribs and a broken leg last week when 54-year-old Matthew E. Dietrich allegedly swerved into him at Race Street and Willowbrook Road in Hanover Township, Lehigh County. Police said Dietrich admitted hitting Entler deliberately because he thought the biker was driving carelessly. Read more at mcall.com.

@AAMVAConnection has been watching the twitter feed and decided to highlight some of the tweets here. Links are provided within most of the tweets, and we have also provided a link to each tweet as well. Note that you do not have to have an account or sign in to Twitter to view the message posts, images associated with the post, and the reach of the message (retweets, favorited, etc.).

Stay on top of the chatter in the MVA and LE community. You may be surprised at what you're missing! Follow @AAMVAConnection.

Check out recent @AAMVAConnection Twitter action.

*****Thank you for the @AAMVAConnection mentions!*****

CVSA @CVSA | View the Tweet

Here they are. Here's your first look at the 51 inspectors who will compete this week to earn the ultimate honor, the 2019 #NAIC Grand Champion Award. One of these inspectors will be this year's winner. Who will it be?

cvsa.jpg?r=1565979639676

MD State Police @MDSP | View the Tweet

Recent motorcycle crashes are prompting @mdsp to issue a reminder for both motorcyclists and other drivers to take precautions, especially during the remaining warm weather months. Since 7/28, troopers have responded to 6 fatal motorcycle crashes. READ >> https://bit.ly/2KxqhEu

mdsp.jpg?r=1565979692364

MD_MVA @MD_MVA | View the Tweet

Administrator Nizer and Governor Hogan demonstrated the Driver Alcohol System for Safety at #MACOcon. #MDOTInnovates

Learn more in our newsroom: http://bit.ly/2KPpfm2

md_mva.png?r=1565979771629

New Jersey MVC @NJ_MVC | View the Tweet

The Garden State's #Spanishspeaking community has a strong ally in the NJMVC. Chief @SueFulton in her report to MVC Board puts some #salsa on plans to build on successful Spanish language outreach – using everything from #socialmedia to #drivermanuals.

nj_mvc.png?r=1565979857145

NYS DMV @nysdmv | View the Tweet

The family of Colonie teen Niko DiNovo joined @NYSGTSC, DMV, @STOPDWINewYork, and law enforcement to help kick off the annual "Drive Sober or Get Pulled Over" impaired driving crackdown. The statewide campaign runs from Aug 14 thru Sept 2. Read more here https://dmv.ny.gov/press-release/press-release-08-13-2019 ...

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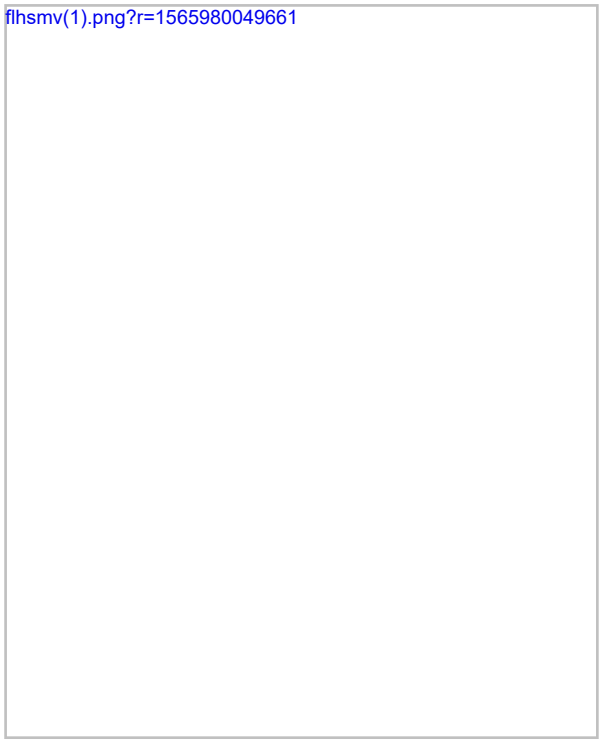
VermontDMV @VTDMV | View the Tweet

Manual Monday: Did you know we have an interactive version of our Drivers Manual? Check it out here: https://dmv.vermont.gov/licenses/driver-training/DriveVT ...

vtdmv.jpg?r=1565979997474

FLHSMV @FLHSMV | View the Tweet

On August 15, 1969, Neil Kirkman was appointed by Governor Kirk as the first Executive Director of @FLHSMV when the Depts. of Motor Vehicles and Public Safety were merged. Previously Director of #FHP, Neil Kirkman retired in 1970 after 25 years of service. #TBT #BehindTheDrive



Georgia DDS @GeorgiaDDS | View the Tweet

Our Contact Center has seen a Service Level increased from 82.25% in April 2019 to over 87% in June 2019. The team received a Commissioner's Customer Service Award for their hard work, dedication, and determination to exceeding agency expectations. #ThankYou



Iowa State Patrol @iowastatepatrol | View the Tweet

Who says you have to be a kid to enjoy the big slide at the Iowa State Fair??

Several members of the Iowa State Patrol took a few minutes out of their day to have some fun!

Photo Credit: Dan Ponxs
@IowaStateFair



KansasDOT @DriveSafeKansas | View the Tweet

Today we kicked off the 2019 You Drink. You Drive. You Lose. impaired driving enforcement campaign. Always find a safe and sober way to your destination. #DriveSober @kshighwaypatrol @NHTSAgov



The Regional News e-newsletter is developed and distributed by the American Association of Motor Vehicle Administrators (AAMVA).
This message was intended for steven.mccarthy@state.ma.us. If you would like to stop receiving this message, click here to unsubscribe.

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From: regionalnews@aamva.org
To: Archambeault, Jeffrey (POL)
Subject: AAMVA"s Regional News for August 16, 2019
Date: Friday, August 16, 2019 5:06:07 PM

August 16, 2019

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Gemalto

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AUGUST

18-19 | 2019 August Board of Directors Meeting
Omaha, NE

18 | 2019 August Industry Advisory Board Meeting
Omaha, NE

SEPTEMBER

11-12 | 2019 September State to State User Group Meeting
Orlando, FL

11-12 | 2019 September NDR Working Group Meeting
Savannah, GA

17-18 | 2019 September Imported Vehicles Working Group
Buffalo, NY

Annual International Conference Next Week

AIC_2019_Logo_WEB.jpg

AAMVA's 2019 Annual International Conference (AIC) takes place next week, August 20-22, in Omaha, Nebraska! Register online today! The conference provides an opportunity for you and your peers to discuss relevant driver's license, motor vehicle and law enforcement related issues. As with every AAMVA conference, the ability to network is one of the most beneficial experiences, and this year's AIC provides several networking opportunities, as well as interactive learning opportunities. Jurisdiction attendees will learn about the successes and challenges of others, share ideas, build relationships, and discover the many products and services provided by our industry partners that can assist in your mission. Industry attendees will have the opportunity to meet with key players in the driver's license, motor vehicle and law enforcement arenas. Visit the 2019 AIC Website for more information and to register!

Minnesota to Join State-to-State Verification Service (S2S)

Minnesota will begin using AAMVA's State-to-State Verification Service (S2S) on Monday, September 30, 2019. Tasks related to on-boarding Minnesota will be conducted during the weekend of September 28, 2019. During this process (Saturday evening to Monday morning), there may be periods during which the CDLIS/S2S Central Site is in inquiry-only mode or is unavailable (over and above the regularly scheduled maintenance window of 2:00 AM ET to 5:00 AM ET on Sunday, September 27, 2019). AAMVA is taking all steps possible to minimize service interruptions and will be sending alerts notifying states of Central Site availability throughout the process. Read more here.

Maryland Is Latest Testing Ground for Tech Aimed at Drunken Driving

Maryland officials are testing new technology installed in vehicles that prevents the car from moving if the driver's had too much to drink. The Driver Alcohol Detection System for Safety analyzes the driver's breath — there's no need for a separate device — and if the sensors in the vehicle pick up a given level of alcohol, the engine will turn over, but the car won't move. By allowing the car to start, the driver can then charge their phone and call a cab or a ride-hailing service. Read more at wtop.com.

As Real ID Deadline Approaches, MD Lawmaker Introduces Emergency Legislation to Protect Drivers (Maryland)

A Maryland lawmaker is working to introduce emergency legislation to address what

18-19 | 2019 September Foreign Reciprocity Resource Guide Working Group Meeting
Denver, CO

24-28 | 2019 September CDLIS Working Group Meeting
Denver, CO

25-26 | 2019 September Autonomous Vehicles Working Group Meeting
Pittsburgh, PA

***Register for the following training sessions HERE.**

AUGUST

20 | UNI Basics (basic)

21 | UNI Advanced A (advanced)

22 | SPEXS Bulk Load (intermediate)

SEPTEMBER - CDLIS

17 | CDLIS Reports Timeliness (intermediate)

18 | CDLIS Reports Data Quality (intermediate)

19 | CD90.4.1 Out-of State Transaction as SOR Reports (advanced)

24 | CDLIS Reports Identifying Potential Issues SDLA (advanced)

25 | CDLIS Reports Identifying Potential Issues Qtrl OP (advanced)

SEPTEMBER - PDPS

24 | PDPS Broken Pointer Management (intermediate)

25 | PDPS Clean File Processing (intermediate)

26 | PDPS Identity Correction (intermediate)

SEPTEMBER - SPEXS

9 | SPEXS Overview (basic)

10 | SPEXS Transactions AMIE (intermediate)

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This Hacker Made Clothes That Can Confuse Automatic License Plate Readers

In a future where everything is surveilled by computer vision algorithms, even the patterns on our clothing can be subversive. Digital security professional and fashion designer Kate Rose doesn't just design textile patterns. She sullies the databases gathered by license plate readers by creating clothes covered in fake license plates. If you've ever gotten a traffic ticket in the mail—sometimes complete with a photo of your vehicle, with yourself and passengers looking stunned in the front seat—your car has likely encountered an Automatic License Plate Reader, or ALPR. Read more at vice.com.

Like the Biker a Catasauqua Trucker Allegedly Hit on Purpose, Some Motorcyclists Say They Have Targets on Their Backs

Santos, a barber from Lower Saucon Township, likes the wind in his face as much as any biker, but he tries to be considerate of other motorists — yielding, signaling lane changes, keeping his distance to the extent possible in the Lehigh Valley's heavy traffic. It's a matter of self-preservation. Santos said more than a few car and truck drivers seem to have an inborn resentment toward motorcyclists. So when he read about the Catasauqua truck driver accused of intentionally ramming a motorcyclist whose driving annoyed him, he was bothered but not surprised. According to court records, motorcyclist Paul A. Entler suffered a collapsed lung, multiple broken ribs and a broken leg last week when 54-year-old Matthew E. Dietrich allegedly swerved into him at Race Street and Willowbrook Road in Hanover Township, Lehigh County. Police said Dietrich admitted hitting Entler deliberately because he thought the biker was driving carelessly. Read more at mcall.com.

@AAMVAConnection has been watching the twitter feed and decided to highlight some of the tweets here. Links are provided within most of the tweets, and we have also provided a link to each tweet as well. Note that you do not have to have an account or sign in to Twitter to view the message posts, images associated with the post, and the reach of the message (retweets, favorited, etc.).

Stay on top of the chatter in the MVA and LE community. You may be surprised at what you're missing! Follow @AAMVAConnection.

Check out recent @AAMVAConnection Twitter action.

*****Thank you for the @AAMVAConnection mentions!*****

CVSA @CVSA | View the Tweet

Here they are. Here's your first look at the 51 inspectors who will compete this week to earn the ultimate honor, the 2019 #NAIC Grand Champion Award. One of these inspectors will be this year's winner. Who will it be?

cvsa.jpg?r=1565979639676

MD State Police @MDSP | View the Tweet

Recent motorcycle crashes are prompting @mdsp to issue a reminder for both motorcyclists and other drivers to take precautions, especially during the remaining warm weather months. Since 7/28, troopers have responded to 6 fatal motorcycle crashes. READ >> https://bit.ly/2KxqhEu

mdsp.jpg?r=1565979692364

MD_MVA @MD_MVA | View the Tweet

Administrator Nizer and Governor Hogan demonstrated the Driver Alcohol System for Safety at #MACOcon. #MDOTInnovates

Learn more in our newsroom: http://bit.ly/2KPpfm2

md_mva.png?r=1565979771629

New Jersey MVC @NJ_MVC | View the Tweet

The Garden State's #Spanishspeaking community has a strong ally in the NJMVC. Chief @SueFulton in her report to MVC Board puts some #salsa on plans to build on successful Spanish language outreach – using everything from #socialmedia to #drivermanuals.

nj_mvc.png?r=1565979857145

NYS DMV @nysdmv | View the Tweet

The family of Colonie teen Niko DiNovo joined @NYSGTSC, DMV, @STOPDWINewYork, and law enforcement to help kick off the annual "Drive Sober or Get Pulled Over" impaired driving crackdown. The statewide campaign runs from Aug 14 thru Sept 2. Read more here https://dmv.ny.gov/press-release/press-release-08-13-2019 ...

nysdmv.png?r=1565979937067

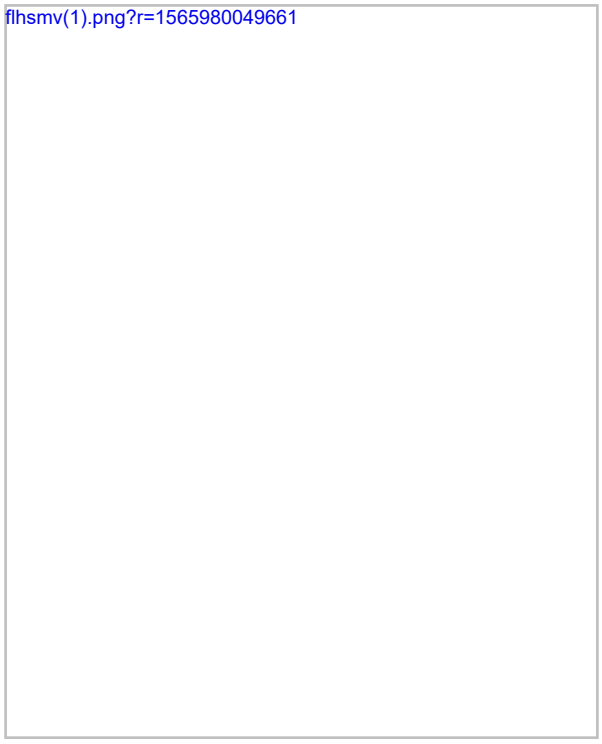
VermontDMV @VTDMV | View the Tweet

Manual Monday: Did you know we have an interactive version of our Drivers Manual? Check it out here: https://dmv.vermont.gov/licenses/driver-training/DriveVT ...

vtdmv.jpg?r=1565979997474

FLHSMV @FLHSMV | View the Tweet

On August 15, 1969, Neil Kirkman was appointed by Governor Kirk as the first Executive Director of @FLHSMV when the Depts. of Motor Vehicles and Public Safety were merged. Previously Director of #FHP, Neil Kirkman retired in 1970 after 25 years of service. #TBT #BehindTheDrive



Georgia DDS @GeorgiaDDS | View the Tweet

Our Contact Center has seen a Service Level increased from 82.25% in April 2019 to over 87% in June 2019. The team received a Commissioner's Customer Service Award for their hard work, dedication, and determination to exceeding agency expectations. #ThankYou



Iowa State Patrol @iowastatepatrol | View the Tweet

Who says you have to be a kid to enjoy the big slide at the Iowa State Fair??

Several members of the Iowa State Patrol took a few minutes out of their day to have some fun!

Photo Credit: Dan Ponxs
@IowaStateFair

iowastatepatrol.jpg?r=1565980186912

KansasDOT @DriveSafeKansas | View the Tweet

Today we kicked off the 2019 You Drink. You Drive. You Lose. impaired driving enforcement campaign. Always find a safe and sober way to your destination. #DriveSober @kshighwaypatrol @NHTSAgov

kansasdot.png?r=1565980236896

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From: regionalnews@aamva.org
To: Gilpin, Kerry (POL)
Subject: AAMVA"s Regional News for August 16, 2019
Date: Friday, August 16, 2019 5:06:23 PM

August 16, 2019

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AUGUST

18-19 | 2019 August Board of Directors Meeting
Omaha, NE

18 | 2019 August Industry Advisory Board Meeting
Omaha, NE

SEPTEMBER

11-12 | 2019 September State to State User Group Meeting
Orlando, FL

11-12 | 2019 September NDR Working Group Meeting
Savannah, GA

17-18 | 2019 September Imported Vehicles Working Group
Buffalo, NY

Annual International Conference Next Week

AIC_2019_Logo_WEB.jpg

AAMVA's 2019 Annual International Conference (AIC) takes place next week, August 20-22, in Omaha, Nebraska! Register online today! The conference provides an opportunity for you and your peers to discuss relevant driver's license, motor vehicle and law enforcement related issues. As with every AAMVA conference, the ability to network is one of the most beneficial experiences, and this year's AIC provides several networking opportunities, as well as interactive learning opportunities. Jurisdiction attendees will learn about the successes and challenges of others, share ideas, build relationships, and discover the many products and services provided by our industry partners that can assist in your mission. Industry attendees will have the opportunity to meet with key players in the driver's license, motor vehicle and law enforcement arenas. Visit the 2019 AIC Website for more information and to register!

Minnesota to Join State-to-State Verification Service (S2S)

Minnesota will begin using AAMVA's State-to-State Verification Service (S2S) on Monday, September 30, 2019. Tasks related to on-boarding Minnesota will be conducted during the weekend of September 28, 2019. During this process (Saturday evening to Monday morning), there may be periods during which the CDLIS/S2S Central Site is in inquiry-only mode or is unavailable (over and above the regularly scheduled maintenance window of 2:00 AM ET to 5:00 AM ET on Sunday, September 27, 2019). AAMVA is taking all steps possible to minimize service interruptions and will be sending alerts notifying states of Central Site availability throughout the process. Read more here.

Maryland Is Latest Testing Ground for Tech Aimed at Drunken Driving

Maryland officials are testing new technology installed in vehicles that prevents the car from moving if the driver's had too much to drink. The Driver Alcohol Detection System for Safety analyzes the driver's breath — there's no need for a separate device — and if the sensors in the vehicle pick up a given level of alcohol, the engine will turn over, but the car won't move. By allowing the car to start, the driver can then charge their phone and call a cab or a ride-hailing service. Read more at wtop.com.

As Real ID Deadline Approaches, MD Lawmaker Introduces Emergency Legislation to Protect Drivers (Maryland)

A Maryland lawmaker is working to introduce emergency legislation to address what

18-19 | 2019 September Foreign Reciprocity Resource Guide Working Group Meeting
Denver, CO

24-28 | 2019 September CDLIS Working Group Meeting
Denver, CO

25-26 | 2019 September Autonomous Vehicles Working Group Meeting
Pittsburgh, PA

***Register for the following training sessions HERE.**

AUGUST

20 | UNI Basics (basic)

21 | UNI Advanced A (advanced)

22 | SPEXS Bulk Load (intermediate)

SEPTEMBER - CDLIS

17 | CDLIS Reports Timeliness (intermediate)

18 | CDLIS Reports Data Quality (intermediate)

19 | CD90.4.1 Out-of State Transaction as SOR Reports (advanced)

24 | CDLIS Reports Identifying Potential Issues SDLA (advanced)

25 | CDLIS Reports Identifying Potential Issues Qtrl OP (advanced)

SEPTEMBER - PDPS

24 | PDPS Broken Pointer Management (intermediate)

25 | PDPS Clean File Processing (intermediate)

26 | PDPS Identity Correction (intermediate)

SEPTEMBER - SPEXS

9 | SPEXS Overview (basic)

10 | SPEXS Transactions AMIE (intermediate)

could be a serious problem for drivers who haven't gotten their Real ID licenses. Del. Eric Ebersole (D-Baltimore, Howard) introduced emergency legislation that would require officers to give drivers a legal document that would still allow them to drive to pick up a Real ID. The law could go into effect as soon as next year, but enforcement begins Oct. 1, 2020. Read more at marylandmatters.org.

MD Recalls 8,000 Real ID Driver's Licenses (Maryland)

If you're heading out on the road, double check your license before getting behind the wheel. The Maryland MVA has recalled the driver's licenses of 8,000 residents because they failed to meet requirements to be in compliance with the Real ID Act. Maryland officials said Thursday 8,000 drivers whose licenses have been recalled are among the first group of customers who failed to present required documentation by early July for a Real ID. Read more at baltimore.cbslocal.com.

How One City Saved $5 Million by Routing School Buses With an Algorithm (Massachusetts)

The yellow school bus has remained largely unchanged since it first debuted in 1939. But while the buses look the same, their routes have grown infinitely more complex in the past 80 years, as the number of students, schools, and road systems grow and change...In 2017, the district was facing serious challenges. On a per-pupil basis, BPS had the highest transportation costs in the country, around $2,000 per student per year, representing 10% of the district's budget. The schools dealt with rising costs each year, despite declining ridership. Read more at routefifty.com.

Massachusetts Registry Holds Annual Low Number Plate Lottery

The Massachusetts Registry of Motor Vehicles is holding its annual lottery for much sought-after low number vehicle license plates. Entries are being accepted online until Aug. 23. Mailed entries must be postmarked by that date. The winners will be announced Sept. 15. Read more at wwlp.com.

More Licenses Suspended as RMV Backtracking Continues (Massachusetts)

The Registry of Motor Vehicles suspended the licenses of more than 800 additional drivers in its ongoing review of potential missed violations, with thousands more requiring additional examination, officials said in a status update Thursday. More than 2,400 Massachusetts residents have now had their permission to drive revoked in the past six weeks based on out-of-state violations that the RMV, spurred into action in the wake of a fatal crash, previously failed to handle. Read more at wbur.org.

License Plates From Trash Helped NYC Worker Duck Tolls: Officials (New York)

One car's trash was this man's treasure. A New York City sanitation worker used license plates plucked from the garbage to dodge thousands of dollars in tickets and tolls, authorities said Wednesday...The 45-year-old worker was arrested Wednesday and the plates were found on his car in the Brooklyn garage where he worked, officials said. He's charged with grand larceny and obstructing governmental administration, the DOI said...The penalties could not be collected because the plates were not registered to any vehicle, according to the DOI. Read more at patch.com.

Lawmakers Might Bring Back License Plate Stickers With a New Twist (Pennsylvania)

The state House Transportation Committee is considering a bill to reinstate those little vehicle registration stickers on Pennsylvania license plates...The state eliminated the registration sticker requirement in January 2017 as part of a transportation funding bill approved in 2014. The Pennsylvania Department of Transportation said the move would save $3.1 million annually in the cost of producing the stickers and mailing them to vehicle owners. Read more at post-gazette.com.

PA License Plate Readers Gain Support for Their Use in Crime-Fighting, but Bill Would Address Privacy Concerns

11 | SPEXS Transactions NIEM (intermediate)

12 | SPEXS Batch Inquiry (intermediate)

13 | SPEXS Bulk Load (intermediate)

16 | SPEXS WEB UI and Reports (intermediate)

17 | SPEXS SPM (intermediate)

REGISTER ONLINE!



AUGUST

20 | NMVTIS State Web Interface (SWI) – How to Correct Title and Brand Data on the Central Site

22 | NMVTIS Suspense Resolution for Online States (AMIE Version) – Part 2

27 | NMVTIS State Web Interface (SWI) – Instant Title Verification Using the VIN Search Feature

28 | NMVTIS Suspense Resolution for Online States (Web Service Version) – Part 2

SEPTEMBER

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(Pennsylvania)

Police departments across the state use specialized cameras to automatically read license plates. Officers say the cameras are a boon to law enforcement, but lawmakers want to make sure the data they capture doesn't fall into the wrong hands. There are no current guidelines as to how automated license plate readers, or ALPRs, are used in the state. Rep. Greg Rothman, R-Cumberland County, says he hopes to not only manage their use but also set up a statewide database where law enforcement would store and share data, which has the potential to improve crime-solving. Read more at pennlive.com.



Hands-Free Law: Is It Working? GA Highway Safety Discusses at Conference (Georgia)

Allen Poole who is the director of the Governor's Office of Highway Safety had a message for hundreds of law enforcement officers Monday in Savannah. As he opened a three-day safety conference, he said decreasing traffic deaths is possible. After an increase in the number of traffic fatalities between 2014 and 2016, Poole says there is now a downward trend. He and other safety experts attribute at least part of that to the Georgia Hands-Free Law that became law in July of 2018. Read more at wsav.com.

Georgia Highway Becomes Testbed for Connected Vehicles

A stretch of Interstate highway in Georgia will mark one of the latest developments of connected vehicle infrastructure and technology. The Ray, a section of Interstate 85 in southern Georgia, will be outfitted with connected vehicle technologies as part of a two-year project organized by the Georgia Department of Transportation, Panasonic and The Ray, a stretch of highway named after Ray C. Anderson, a Georgia business leader in green energy. The roadway is a testing ground for innovation in sustainability and transportation. Read more at govtech.com.

Born 'Unnamed,' SC Man Hits Legal Snag to Get Real ID. He's Not Alone (South Carolina)

Clinkscales, who turns 66 in November, had no idea he was about to embark on a months-long process to get his ID, which would lead to him hiring an attorney and waiting for a judge...Clinkscales' case is far from unusual in South Carolina, particularly for minorities and low-income South Carolinians, legal professionals familiar with these cases say...S.C. Department of Motor Vehicles' chief Kevin Shwedo said his agency is working aggressively to help South Carolinians who can't get their REAL ID. Aside from personally attempting to connect people with resources to get one, Shwedo said Motor Vehicles also has taken part in phone banking with at least one television news station and plans to do the same with others across the state very soon. Read more at thestate.com.

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The Federal Motor Carrier Safety Administration recently released a video asking motorists to drive safely and distraction-free when sharing the road with commercial motor vehicles. Created as part of FMCSA's Our Roads, Our Safety campaign, the one-minute video features testimony from Wisconsin-based truck driver Dick Pingel, a member of the board of directors for the Owner-Operator Independent Drivers Association – a partnering organization in the campaign. Read more at safetyandhealthmagazine.com.

This Hacker Made Clothes That Can Confuse Automatic License Plate Readers

In a future where everything is surveilled by computer vision algorithms, even the patterns on our clothing can be subversive. Digital security professional and fashion designer Kate Rose doesn't just design textile patterns. She sullies the databases gathered by license plate readers by creating clothes covered in fake license plates. If you've ever gotten a traffic ticket in the mail—sometimes complete with a photo of your vehicle, with yourself and passengers looking stunned in the front seat—your car has likely encountered an Automatic License Plate Reader, or ALPR. Read more at vice.com.

Like the Biker a Catasauqua Trucker Allegedly Hit on Purpose, Some Motorcyclists Say They Have Targets on Their Backs

Santos, a barber from Lower Saucon Township, likes the wind in his face as much as any biker, but he tries to be considerate of other motorists — yielding, signaling lane changes, keeping his distance to the extent possible in the Lehigh Valley's heavy traffic. It's a matter of self-preservation. Santos said more than a few car and truck drivers seem to have an inborn resentment toward motorcyclists. So when he read about the Catasauqua truck driver accused of intentionally ramming a motorcyclist whose driving annoyed him, he was bothered but not surprised. According to court records, motorcyclist Paul A. Entler suffered a collapsed lung, multiple broken ribs and a broken leg last week when 54-year-old Matthew E. Dietrich allegedly swerved into him at Race Street and Willowbrook Road in Hanover Township, Lehigh County. Police said Dietrich admitted hitting Entler deliberately because he thought the biker was driving carelessly. Read more at mcall.com.

@AAMVAConnection has been watching the twitter feed and decided to highlight some of the tweets here. Links are provided within most of the tweets, and we have also provided a link to each tweet as well. Note that you do not have to have an account or sign in to Twitter to view the message posts, images associated with the post, and the reach of the message (retweets, favorited, etc.).

Stay on top of the chatter in the MVA and LE community. You may be surprised at what you're missing! Follow @AAMVAConnection.

Check out recent @AAMVAConnection Twitter action.

*****Thank you for the @AAMVAConnection mentions!*****

CVSA @CVSA | View the Tweet

Here they are. Here's your first look at the 51 inspectors who will compete this week to earn the ultimate honor, the 2019 #NAIC Grand Champion Award. One of these inspectors will be this year's winner. Who will it be?

cvsa.jpg?r=1565979639676

MD State Police @MDSP | View the Tweet

Recent motorcycle crashes are prompting @mdsp to issue a reminder for both motorcyclists and other drivers to take precautions, especially during the remaining warm weather months. Since 7/28, troopers have responded to 6 fatal motorcycle crashes. READ >> https://bit.ly/2KxqhEu



MD_MVA @MD_MVA | View the Tweet

Administrator Nizer and Governor Hogan demonstrated the Driver Alcohol System for Safety at #MACOcon. #MDOTInnovates

Learn more in our newsroom: http://bit.ly/2KPpfm2



New Jersey MVC @NJ_MVC | View the Tweet

The Garden State's #Spanishspeaking community has a strong ally in the NJMVC. Chief @SueFulton in her report to MVC Board puts some #salsa on plans to build on successful Spanish language outreach – using everything from #socialmedia to #drivermanuals.



NYS DMV @nysdmv | View the Tweet

The family of Colonie teen Niko DiNovo joined @NYSGTSC, DMV, @STOPDWINewYork, and law enforcement to help kick off the annual "Drive Sober or Get Pulled Over" impaired driving crackdown. The statewide campaign runs from Aug 14 thru Sept 2. Read more here https://dmv.ny.gov/press-release/press-release-08-13-2019 ...



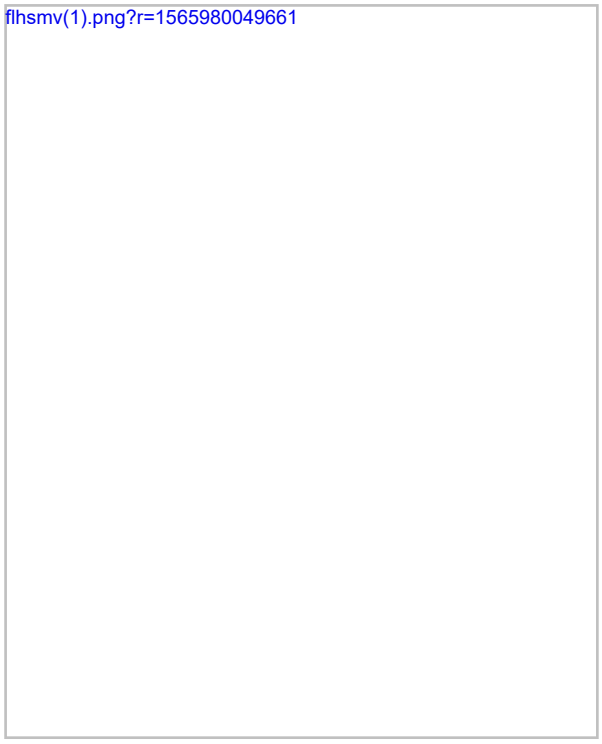
VermontDMV @VTDMV | View the Tweet

Manual Monday: Did you know we have an interactive version of our Drivers Manual? Check it out here: https://dmv.vermont.gov/licenses/driver-training/DriveVT ...



FLHSMV @FLHSMV | View the Tweet

On August 15, 1969, Neil Kirkman was appointed by Governor Kirk as the first Executive Director of @FLHSMV when the Depts. of Motor Vehicles and Public Safety were merged. Previously Director of #FHP, Neil Kirkman retired in 1970 after 25 years of service. #TBT #BehindTheDrive



Georgia DDS @GeorgiaDDS | View the Tweet

Our Contact Center has seen a Service Level increased from 82.25% in April 2019 to over 87% in June 2019. The team received a Commissioner's Customer Service Award for their hard work, dedication, and determination to exceeding agency expectations. #ThankYou



Iowa State Patrol @iowastatepatrol | View the Tweet

Who says you have to be a kid to enjoy the big slide at the Iowa State Fair??

Several members of the Iowa State Patrol took a few minutes out of their day to have some fun!

Photo Credit: Dan Ponxs
@IowaStateFair



KansasDOT @DriveSafeKansas | View the Tweet

Today we kicked off the 2019 You Drink. You Drive. You Lose. impaired driving enforcement campaign. Always find a safe and sober way to your destination. #DriveSober @kshighwaypatrol @NHTSAgov



The Regional News e-newsletter is developed and distributed by the American Association of Motor Vehicle Administrators (AAMVA).
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4401 Wilson Boulevard, Suite 700, Arlington, VA 22203



From: POLICE Technology eXchange
To: Loiselle, William (POL)
Subject: Advance your police tech now
Date: Saturday, September 21, 2019 10:01:45 AM

Meet With Law Enforcement Technology Leaders at PTX

Taking place December 9-11, 2019, POLICE Technology eXchange, (PTX) brings together senior-level IT, Communications and Technology decision-makers face-to-face with leading law enforcement technology suppliers. **This intimate networking opportunity is at no cost* to police agencies for qualified police agency buyers of IT and other technology**.

A few of the technologies you can experience and discuss during one-on-one meetings with leading industry suppliers include:

Drones | Hybrid Patrol Vehicles | Facial Recognition

AI & Virtual/Augmented Reality
e-Citation
Mobile Data Terminals/Rugged Laptops & Tablets
ALPR/LPR
Gunshot Detection Systems
Intelligence-Led Policing
Mobile/Rugged Technology
Investigative Software
Data/Information Sharing
Cloud-Based Technology
Crime Analysis
Interoperability
Vehicle Armoring
Video Storage/Analysis
Smartphones
Broadband

At PTX you'll uncover the latest technologies and have an opportunity for peer-to-peer networking activities such as: sharing challenges, discussing ideas, and learning best practices from each other. But, first you must complete the application to participate.

Apply Now to Participate

For more information please visit www.POLICETechnologyeXchange.com or call (800) 576-8788, 9:00am-5:00pm PST

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From: POLICE Technology eXchange
To: Harvey, Michael (POL)
Subject: Advance your police tech now
Date: Saturday, September 21, 2019 10:01:43 AM

Meet With Law Enforcement Technology Leaders at PTX

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Drones | Hybrid Patrol Vehicles | Facial Recognition

- AI & Virtual/Augmented Reality
- e-Citation
- Mobile Data Terminals/Rugged Laptops & Tablets
- ALPR/LPR
- Gunshot Detection Systems
- Intelligence-Led Policing
- Mobile/Rugged Technology
- Investigative Software
- Data/Information Sharing
- Cloud-Based Technology
- Crime Analysis
- Interoperability
- Vehicle Armoring
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From: POLICE Technology eXchange
To: Doyle, Paul (POL)
Subject: Advance your police tech now
Date: Saturday, September 21, 2019 10:01:43 AM

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- Gunshot Detection Systems
- Intelligence-Led Policing
- Mobile/Rugged Technology
- Investigative Software
- Data/Information Sharing
- Cloud-Based Technology
- Crime Analysis
- Interoperability
- Vehicle Armoring
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From: POLICE Technology eXchange
To: Kiley, Mark (POL)
Subject: Advance your police tech now
Date: Saturday, September 21, 2019 10:01:42 AM

Meet With Law Enforcement Technology Leaders at PTX

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Drones | Hybrid Patrol Vehicles | Facial Recognition

- AI & Virtual/Augmented Reality
- e-Citation
- Mobile Data Terminals/Rugged Laptops & Tablets
- ALPR/LPR
- Gunshot Detection Systems
- Intelligence-Led Policing
- Mobile/Rugged Technology
- Investigative Software
- Data/Information Sharing
- Cloud-Based Technology
- Crime Analysis
- Interoperability
- Vehicle Armoring
- Video Storage/Analysis
- Smartphones
- Broadband

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From: POLICE Technology eXchange
To: Rizos, Byron (POL)
Subject: Advance your police tech now
Date: Saturday, September 21, 2019 10:01:46 AM

Meet With Law Enforcement Technology Leaders at PTX

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e-Citation
Mobile Data Terminals/Rugged Laptops & Tablets
ALPR/LPR
Gunshot Detection Systems
Intelligence-Led Policing
Mobile/Rugged Technology
Investigative Software
Data/Information Sharing
Cloud-Based Technology
Crime Analysis
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Vehicle Armoring
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Smartphones
Broadband

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From: Range, Scott (POL)
To: Stelmat, Jason (POL)
Cc: Gawron, Stephen (POL); Dermot Quinn (dermot.quinn@massmail.state.ma.us)
Subject: ALPR
Date: Wednesday, September 4, 2019 5:44:00 PM
Attachments: ALPR DCJIS Policy - Final 20131008.pdf
LPR MOU V2.doc

Jason,

The DCJIS policy is attached.

Thank you

From: Egnitz, Brian (POL)
Sent: Friday, August 23, 2019 2:16 PM
To: Range, Scott (POL)
Subject: FW: CFC ALPR Program Overview.docx

From: Egnitz, Brian (POL)
Sent: Friday, May 25, 2018 8:44 AM
To: Range, Scott (POL)

From: Mason, Christopher (POL)
Sent: Wednesday, May 31, 2017 6:20 AM
To: Egnitz, Brian (POL); Griffin, Daniel (POL)

From: Stelmat, Jason (POL)
To: Thibault, Amy (POL)
Subject: ALPR Draft
Date: Thursday, August 29, 2019 9:10:13 AM
Attachments: Automated License Plate Recognition (DRAFT SOP 8-29).docx
image001.png

Amy,
Attached is the most updated draft of the ALPR policy. I went through the template line by line and tried to cover every topic discussed. As it stands, it's approximately 12 pages long. I also did my best to recreate the Department policy template. I think I got it pretty close. Happy to discuss at any point this afternoon.

Thanks,
Jason

Jason R. Stelmat | **Privacy Officer**
Massachusetts State Police | Commonwealth Fusion Center
124 Acton Street, Maynard MA 01754
direct 978-451-3752 | fax 978-451-3767

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From: Thom, Daniel (POL)
To: Boswell, Alex (POL); Connell, John (POL); Donnell, Russell (POL); Duarte, Kyle (POL); Enos, Richard (POL); Foley, Ryan (POL); Fortin, Stephen (POL); Gagne Jr, Ronald (POL); Halstead, Michael (POL); Hennessey, Sean (POL); Holden, Matthew (POL); Jones, Gary (POL); Kubicek, Joseph (POL); LaLiberte, Chad (POL); Luis, Ivo (POL); Meleo, Christopher (POL); Pacheco, Joshua (POL); Pacheco, Michael (POL); Pagliaroni, Anthony (POL); Paulo, Joseph (POL); Pereira, Antone (POL); Pereira, Brent (POL); Pereira, Marco (POL); Pina III, John (POL); Reis, Paul (POL); Resendes, Eric (POL); Smith, John (POL); Webster, James (POL)
Subject: ALPR General Order
Date: Thursday, October 17, 2019 12:10:55 PM
Attachments: 19-SO-12 Distribution of General Order.pdf
TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

---

I put the "sign off" sheet in the desk area for this. Please sign it the next time you come into the barracks.
Thanks

Lieutenant Daniel H. Thom #2684
Station Commander
Massachusetts State Police - Dartmouth
265 Faunce Corner Road
North Dartmouth, MA 02747
508-993-8373
Daniel.Thom@pol.state.MA.US

From: Griffin, Daniel (POL)
To: "SLundegren@yarmouth.ma.us"
Subject: ALPR info
Date: Tuesday, April 2, 2019 1:18:55 PM
Attachments: BOSS_3.2x_User_Manual_final.pdf
image001.png
TRF-11 Automatic License Plate Recognition Revised 6-14-2018.pdf

---

Scott,
Attached is a copy of our ALPR policy and the Boss user manual. I also took a screen shot of what the user screen looks like with respect to setting up the accounts.
Basically I will need a user name (we use msp& ID) then the display name which is the actual user and then a password for each account. Password should have one capital letter along w one number and one "special character" exclamation pt ect...
Ill set the accounts up in a user group giving each officer "standard" user privileges. I can also give one person, generally your most tech savvy person "advanced user" rights so you guys can input plates into a hotlist. I screwed up and have to be around on Friday. Any chance we can do Thursday?

Users(855)

ID	Login Name	Display Name	Group	PhoneNo	Enabled
770	G.L. c. 4.sec. 7.cl.26 (n)(security)	Scott Merrill	LOWELL PD USERS		☑
391		ALEXANDRIA MICHAUD	MARBLEHEAD PD USERS		☑
392		NICHOLAS MICHAUD	MARBLEHEAD PD USERS		☑
265		ROBERT MICHAUD	LAWRENCE PD USERS		☑
130		Christian Miller	FRAMINGHAM PD		☑
126		Chris Miller	FRAMINGHAM PD		☐
1021		James Miller	ATTLEBORO PD USERS		☑
1022		Robert Miller	ATTLEBORO PD ADV USERS		☑
533		Officer Mills	HINGHAM PD USERS		☐
802		Tim Mitchell	BOSS		☑
959			DANVERS PD PATROL USERS		☑
266		ARIEL MONTAS	LAWRENCE PD USERS		☑
267		MICHAEL MONTECALVO	LAWRENCE PD USERS		☑
268		ROBERT MOODY	LAWRENCE PD USERS		☑
743		LUIS MORETA	LAWRENCE PD USERS		☑
393		TIMOTHY MORLEY	MARBLEHEAD PD USERS		☑
1023		Scott Morrison	ATTLEBORO PD USERS		☑
979		Christine Morse	RANDOLPH PD ADV USERS		☑
1024		Peter Morse	ATTLEBORO PD USERS		☑
745		DAVID MOYNIHAN	LAWRENCE PD USERS		☑
564		Melissa Pirrotta	MSP ADV. USERS		☑
532		Adams, Bruce E.	STANDARD USERS		☑
138		msp0690	STANDARD USERS		☑
142		msp0741	STANDARD USERS		☑
759		DAVID CROUSE	BOSS	774-279-4509	☑
652	msp0869	Darlene Decaire	STANDARD USERS		☑

Thanks.

Lieutenant Daniel J. Griffin 1129
Massachusetts State Police
Traffic Programs Section
General Headquarters
480 Worcester Rd. **(please note new address)**

Framingham, Ma. 01702
508-988-7404 Cell [redacted]
daniel.griffin@massmail.state.ma.us

To: SLundegren@yarmouth.ma.us
Subject: ALPR info
Date: Tuesday, April 2, 2019 1:14:53 PM
Attachments: BOSS_3.2x_User_Manual_final.pdf
image001.png
TRF-11 Automatic License Plate Recognition Revised 6-14-2018.pdf

---

Scott,
Attached is a copy of our ALPR policy and the Boss user manual. I also took a screen shot of what the user screen looks like with respect to setting up the accounts.
Basically I will need a user name (we use msp& ID) then the display name which is the actual user and then a password for each account. Password should have one capital letter along w one number and one "special character" exclamation pt ect…
Ill set the accounts up in a user group giving each officer "standard" user privileges. I can also give one person, generally your most tech savvy person "advanced user" rights so you guys can input plates into a hotlist. I screwed up and have to be around on Friday. Any chance we can do Thursday?
Thanks.

Lieutenant Daniel J. Griffin 1129
Massachusetts State Police
Traffic Programs Section
General Headquarters
480 Worcester Rd. **(please note new address)**
Framingham, Ma. 01702
508-988-7404
daniel.griffin@massmail.state.ma.us

From: Griffin, Daniel (POL)
To: "cdaniels@town.dennis.ma.us"
Cc: Egnitz, Brian (POL)
Subject: ALPR info
Date: Tuesday, April 23, 2019 8:17:24 AM
Attachments: BOSS_3.2x_User_Manual_final.pdf
image001.png
TRF-11 Automatic License Plate Recognition Revised 6-14-2018.pdf

Good Morning Cleve,

Attached is a copy of our ALPR policy and the Boss user manual. I also took a screen shot of what the user screen looks like with respect to setting up the accounts.
Basically I will need a user name (we use msp& ID) then the display name which is the actual user and then a password for each account. Password should have one capital letter along w one number and one "special character" exclamation pt ect…
Ill set the accounts up in a user group giving each officer "standard" user privileges. I can also give one person, generally your most tech savvy person "advanced user" rights so you guys can input plates into a hotlist. It looks like I can do next Monday if that works for you guys, around 930 AM? Don't need everyone, just a couple of guys and we can go from there.

Users(855)

ID	Login Name	Display Name	Group	PhoneNo	Enabled
770	[redacted]	Scott Merrill	LOWELL PD USERS		☑
391	[redacted]	ALEXANDRIA MICHAUD	MARBLEHEAD PD USERS		☑
392	[redacted]	NICHOLAS MICHAUD	MARBLEHEAD PD USERS		☑
265	[redacted]	ROBERT MICHAUD	LAWRENCE PD USERS		☑
130	[redacted]	Christian Miller	FRAMINGHAM PD		☑
126	[redacted]	Chris Miller	FRAMINGHAM PD		☐
1021	[redacted]	James Miller	ATTLEBORO PD USERS		☑
1022	[redacted]	Robert Miller	ATTLEBORO PD ADV USERS		☑
533	[redacted]	Officer Mills	HINGHAM PD USERS		☐
802	[redacted]	Tim Mitchell	BOSS		☑
959	[redacted]		DANVERS PD PATROL USERS		☑
266	[redacted]	ARIEL MONTAS	LAWRENCE PD USERS		☑
267	[redacted]	MICHAEL MONTECALVO	LAWRENCE PD USERS		☑
268	[redacted]	ROBERT MOODY	LAWRENCE PD USERS		☑
743	[redacted]	LUIS MORETA	LAWRENCE PD USERS		☑
393	[redacted]	TIMOTHY MORLEY	MARBLEHEAD PD USERS		☑
1023	[redacted]	Scott Morrison	ATTLEBORO PD USERS		☑
979	[redacted]	Christine Morse	RANDOLPH PD ADV USERS		☑
1024	[redacted]	Peter Morse	ATTLEBORO PD USERS		☑
745	[redacted]	DAVID MOYNIHAN	LAWRENCE PD USERS		☑
564	[redacted]	Melissa Pirrotta	MSP ADV. USERS		☑
532	[redacted]	Adams, Bruce E.	STANDARD USERS		☑
138	[redacted]	msp0690	STANDARD USERS		☑
142	[redacted]	msp0741	STANDARD USERS		☑
759	[redacted]	DAVID CROUSE	BOSS	774-279-4509	☑
652	[redacted]	Darlene Decaire	STANDARD USERS		☑

Thanks.

Lieutenant Daniel J. Griffin 1129
Massachusetts State Police
Traffic Programs Section
General Headquarters

480 Worcester Rd. **(please note new address)**
Framingham, Ma. 01702
508-988-7404 Cell [redacted]
daniel.griffin@massmail.state.ma.us

From: PATRICK CALLAHAN
To: Quinn, Dermot (POL)
Subject: ALPR Invite
Date: Wednesday, January 9, 2019 12:18:15 PM
Attachments: Pallozzi.pdf

Dermot

Attached is a copy of the letter that went our to the North Atlantic State Colonels. Thanks Brother.

Pat

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From: Slater, Michael (POL)
To: Tilden, Charles (POL)
Subject: ALPR Manual
Date: Monday, November 4, 2019 9:47:26 AM
Attachments: BOSS_3.2x_User_Manual_final.pdf

Michael K. Slater
State Police Dispatcher III, ID# C295
Troop-H Communications
50 MassPort Haul Road
South Boston, MA 02110
Tel: 617-946-3079
Fax: 617-946-0955

From: Sojka, Robert (POL)
To: Sojka, Robert (POL)
Subject: ALPR policy guidance
Date: Tuesday, February 19, 2019 2:01:02 PM
Attachments: 2012-doj-pia-manual (1).pdf
LPRPIA.pdf
NCRIC ALPR PIA.PDF
LPR_Privacy_Impact_Assessment.pdf
IACP_ALPR_Policy_Operational_Guidance (1).pdf
ARJIS LPR AUP - Approved - Rev150213.pdf
privacy-pia-ice-lpr-march2015.pdf
2012-doj-pia-manual.pdf
IACP_ALPR_Policy_Operational_Guidance.pdf
USCODE-2011-title18-partI-chap123-sec2721.pdf

To:	Brooks, Brian (POL)
Cc:	Range, Scott (POL); Thibault, Amy (POL)
Subject:	ALPR Policy/SOP
Date:	Friday, August 2, 2019 1:11:51 PM
Attachments:	LPR Policy Template FINAL 2-7-170.pdf Automatic License Plate Recognition (draft SOP).docx image001.png image002.png

Lt. Brooks,

Attached is a draft ALPR Policy/SOP for the Fusion Center. I started with TRF-11 as a template and

Jason R. Stelmat | **Privacy Officer**
Massachusetts State Police | Commonwealth Fusion Center
124 Acton Street, Maynard MA 01754
direct 978-451-3752 | fax 978-451-3767

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From: Stelmat, Jason (POL)
To: Brooks, Brian (POL)
Cc: Range, Scott (POL); Thibault, Amy (POL)
Subject: ALPR Policy/SOP
Date: Friday, August 2, 2019 1:14:09 PM
Attachments: LPR Policy Template FINAL 2-7-170.pdf
Automatic License Plate Recognition (draft SOP).docx
image003.png

Lt. Brooks,
Attached is a draft ALPR Policy/SOP for the Fusion Center. I started with TRF-11 as a template and incorporated some provisions of the BJA template (also attached) so that the CFC can remain compliant with federal directives and initiatives. Please let me know your thoughts. I'd be happy to meet and discuss at your convenience.

Thanks,
Jason

Jason R. Stelmat | **Privacy Officer**
Massachusetts State Police | Commonwealth Fusion Center
124 Acton Street, Maynard MA 01754
direct 978-451-3752 | fax 978-451-3767

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To: Solet, David (EPS)
Cc: Gilpin, Kerry (POL); Mason, Christopher (POL); Benincasa, Jeanne (EPS)
Subject: ALPR Sharing Agreement Route 95 Corridor Agencies
Date: Monday, February 4, 2019 11:24:26 AM
Attachments: image001.png

Hi Dave,

As you know, several of us tripped to Jersey City last week at the invite of NJSP and NYPD to discuss sharing ALPR data among police departments along the route 95 corridor.

Lieutenant Colonel Dermot J. Quinn #1765
Division Commander
Division of Investigative Services
Massachusetts State Police

From: Quinn, Dermot (POL)
To: Solet, David (EPS)
Cc: Gilpin, Kerry (POL); Mason, Christopher (POL); Benincasa, Jeanne (EPS)
Subject: ALPR Sharing Agreement Route 95 Corridor Agencies
Date: Monday, February 4, 2019 11:34:45 AM
Attachments: image001.png

Hi Dave,

As you know, several of us tripped to Jersey City last week at the invitation of NJSP and NYPD. The meeting was to discuss sharing ALPR data among police departments along the route 95 corridor.

New York and New Jersey both have five year retention periods as opposed to the Massachusetts one year retention policy.

The long and short of it is that I don't think the technology will be an issue. I think it is important to have a legal agreement (MOU) in place that will satisfy everyone's needs. Towards that end I asked NYPD for the name of their person for our legal team to connect with. Below is that Steve Mulvey's email address. Would you mind reaching out to him to begin the legal dialogue? If we can come to an agreement, MSP working with EOPSS and EOTSS can move forward on the implementation.

Steven.mulvey@NYPD.org

Thanks,

Dermot

Lieutenant Colonel Dermot J. Quinn #1765
Division Commander
Division of Homeland Security & Preparedness
Massachusetts State Police

From: Dave Brown
To: Egnitz, Brian (POL); Eric Weisz
Subject: ALPR UPDATE
Date: Tuesday, February 5, 2019 4:29:34 PM
Attachments: image001.png

Hi Brian, I want to apologize for the demo yesterday. The unit was tested and trouble shot last night and today it was determined there was nothing wrong. The unit grab plates for the 20-30 minutes we were driving around. Eric has the plate info on the server and can explain how you can access the data.

We were able to determine the issue was with the tablets wifi. The tablet kept trying to connect to the vehicle hotspot and therefore disconnecting from the reader, but the cameras were still recording plates the whole time.

I am getting the unit back and will get it you as soon as I can.

Thank you,

Dave Brown
Director Mobile Technology
Global Publc Safety
240-904-4307
Dave.brown@globalpublicsafety.us

From: Duguay, Jay
To: Fitzgerald, Carol (POL)
Subject: Analysts Training
Date: Monday, July 15, 2019 2:42:53 PM
Attachments: Analyst Professional Development Road Map.pdf
1Training Checklist for CPDCAU.docx
Crime Analysis Training Plan.docx
Professional Roadmap.pdf

Hey Carol…..Just to follow-up with you request:

Attached are some of the programs forwarded to me about Training Program. I did put together a draft training program, it is the attached 'Professional Roadmap'. It is a combination of programs I've working with before with the additional information sent. The program is a draft, verbiage still needs to be worked out and the document needs to be proof-read several more times, but I feel it is solid.
Best Regards,

Best Regards,



J. Duguay, #70838
Public Safety Analyst Supervisor
Jacksonville Sheriff's Office | Crime Analysis Unit
Office: 904.630.7006 | Desk: 904.630.0973 | Fax: 904.630.4709
Jay.Duguay@jaxsheriff.org

Connect with us: jaxsheriff.org or on social media
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From: POLICE Technology eXchange
To: Kiley, Mark (POL)
Subject: Be on the leading edge of technology solutions
Date: Thursday, September 5, 2019 3:10:49 PM

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From: Quinn, Dermot (POL)
To: Gilpin, Kerry (POL); Mason, Christopher (POL); Reidy, Terrence (EPS); Procopio, David (POL)
Subject: BG inquiry
Date: Wednesday, April 3, 2019 6:15:13 PM
Attachments: Dir-2010-5-LicensePlateReadersl-120310_1.pdf
ALPR DCJIS Policy - Final 20131008.pdf
TRF-11 Automatic License Plate Recognition New 7-22-2014.pdf
304.pdf
image001.png

All,

Please see attached docs re todays discussions on LPR. I understand Dave P is drafting a response for review by EOPSS.

At the bottom of this email is a response I got from NYPD. They are pulling their policy and say they will forward.

Respectfully

Lieutenant Colonel Dermot J. Quinn #1765
Division Commander
Division of Homeland Security & Preparedness
Massachusetts State Police

From: LUCAS, AARON <AARON.LUCAS@nypd.org>
Sent: Wednesday, April 3, 2019 2:00 PM
To: James Sheehan <jsheehan@nnjuasi.org>; KUSROW, DANIEL <DANIEL.KUSROW@nypd.org>; SCHROEDER, RICHARD <RICHARD.SCHROEDER@nypd.org>
Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
Subject: RE: NYPD-NJSP LPR Biweekly Meeting

Major Quinn,

The short answer is that we retain LPR data for five years. Uniformed Members of the Service have access to the LPR data on department computers and smartphones utilizing their department network credentials for general plate searches. For searches that require more detail and extensive searching and filtering Uniformed Members of the Service can contact our Lower Manhattan Security Initiative (LMSI) command center for assistance. The officers at LMSI require a short form to be filled out before assisting in any investigations involving plate data to ensure the integrity of the searches.

Let us know if you are looking for the actual legal documentation, and we can work on getting that as well. Feel free to contact me directly with any questions that you may have.

Thanks.

Sgt. Aaron Lucas
NYPD Information Technology Bureau
Strategic Technology Division
(646)763-0871

From: Police Fleet News
To: Brenner, Karl (POL)
Subject: Bill Would Require Safety Tech in LE Vehicles
Date: Thursday, October 31, 2019 12:18:35 PM

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The Protecting Roadside First Responders Act would require federal law enforcement vehicles to be equipped with safety technology and digital alert capabilities.

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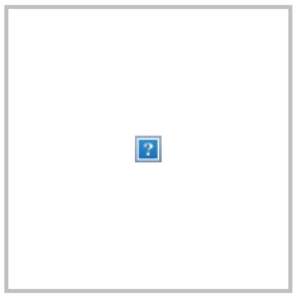
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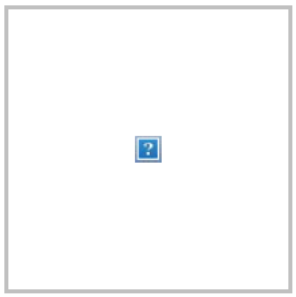




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Subject: Bill Would Require Safety Tech in LE Vehicles
Date: Thursday, October 31, 2019 12:14:31 PM

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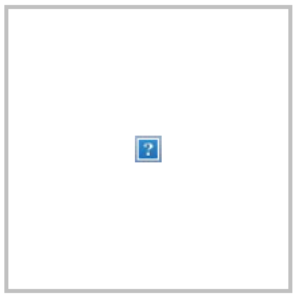
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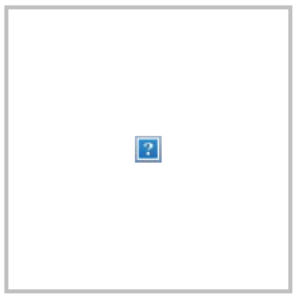




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Subject: Bill Would Require Safety Tech in LE Vehicles
Date: Thursday, October 31, 2019 12:12:58 PM

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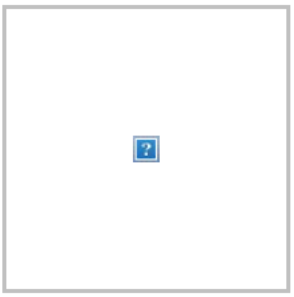
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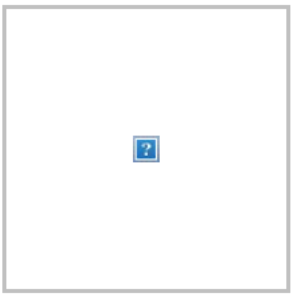
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From: Gallagher, David (POL)
To: Cheverie, Peter (POL)
Subject: Boss User Guide
Date: Tuesday, May 14, 2019 11:21:09 AM
Attachments: BOSS_3.2x_User_Manual_final.pdf

Sir,

Please see attached. Give me a call/email if you need any further assistance.

Respectfully,

David M. Gallagher
Captain, Massachusetts State Police
Special Operations
508-988-7442
David.Gallagher3@MassMail.state.ma.us

From: Slater, Michael (POL)
To: Convery, Michael (POL)
Subject: BOSS User Manual
Date: Friday, November 1, 2019 9:15:04 AM
Attachments: BOSS_3.2x_User_Manual_final.pdf

Michael K. Slater
State Police Dispatcher III
Troop-H Communications
50 Massport Haul Road
South Boston, MA 02210
Tel: (617) 946-3079
Fax: (617) 946-0955

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To: McDonough, John (POL)
Subject: BOSS User Manual
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Fax: (617) 946-0955

From: Stelmat, Jason (POL)
To: Thibault, Amy (POL)
Subject: bullet points
Date: Friday, May 31, 2019 10:33:37 AM
Attachments: DUTIES.docx
image001.png

Please see attached.

Jason R. Stelmat | **Privacy Officer**
Massachusetts State Police | Commonwealth Fusion Center
124 Acton Street, Maynard MA 01754
direct 978-451-3752 | fax 978-451-3767

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From: Range, Scott (POL)
To: Gawron, Stephen (POL); Thibault, Amy (POL); Stelmat, Jason (POL)
Subject: DCJIS
Date: Friday, August 23, 2019 2:54:00 PM
Attachments: ALPR DCJIS Policy - Final 20131008 (2).pdf

From: POLICE Technology eXchange
To: O"Riordan, Brian (POL)
Subject: Deadline extended: apply by November 8th
Date: Wednesday, November 6, 2019 2:08:45 PM

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To: Sullivan, Kristen (POL)
Subject: Deadline extended: apply by November 8th
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To: Favuzza, Robert (POL)
Subject: Deadline extended: apply by November 8th
Date: Wednesday, November 6, 2019 2:07:58 PM

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Subject: Deadline extended: apply by November 8th
Date: Wednesday, November 6, 2019 2:07:56 PM

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Subject: Deadline extended: apply by November 8th
Date: Wednesday, November 6, 2019 2:05:09 PM

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Subject: Deadline extended: apply by November 8th
Date: Wednesday, November 6, 2019 2:00:46 PM

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To: O"Hara, Edward (POL); Salvatore, Justin (POL); Chandler, Brittany (POL)
Subject: DOT LPR
Date: Thursday, November 7, 2019 3:26:36 PM
Attachments: 700cmr7.pdf

Lieutenant Brian Brooks #2601
Massachusetts State Police
Division of Homeland Security and Preparedness
Commonwealth Fusion Center – Watch Center
470 Worcester Road
Framingham, MA 01702
(W) 508-820-2233
(F) 508-988-7121

From: Brooks, Brian (POL)
To: O"Hara, Edward (POL); Salvatore, Justin (POL); Chandler, Brittany (POL)
Subject: DOT LPR
Date: Thursday, November 7, 2019 3:27:34 PM
Attachments: 700cmr7.pdf

Just an fyi see section 7.05(8)

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To: Gawron, Stephen (POL)
Subject: Draft LPR
Date: Friday, August 16, 2019 8:38:54 AM
Attachments: Automated License Plate Recognition (DRAFT SOP 8-16).docx

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From: Brooks, Brian (POL)
To: Gawron, Stephen (POL)
Subject: Draft LPR
Date: Friday, August 16, 2019 8:41:00 AM
Attachments: Automated License Plate Recognition (DRAFT SOP 8-16).docx

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DCapt, please see the attached Draft on LPR policy as prepared by Jason Stelmat.

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Image

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Each Wednesday, we share with you a few of the articles or intelligence-based publications that have come across our desk. We are exicted to see, each week, Law Enforcement Officers, Analysts and Administrators from around the world reading this.

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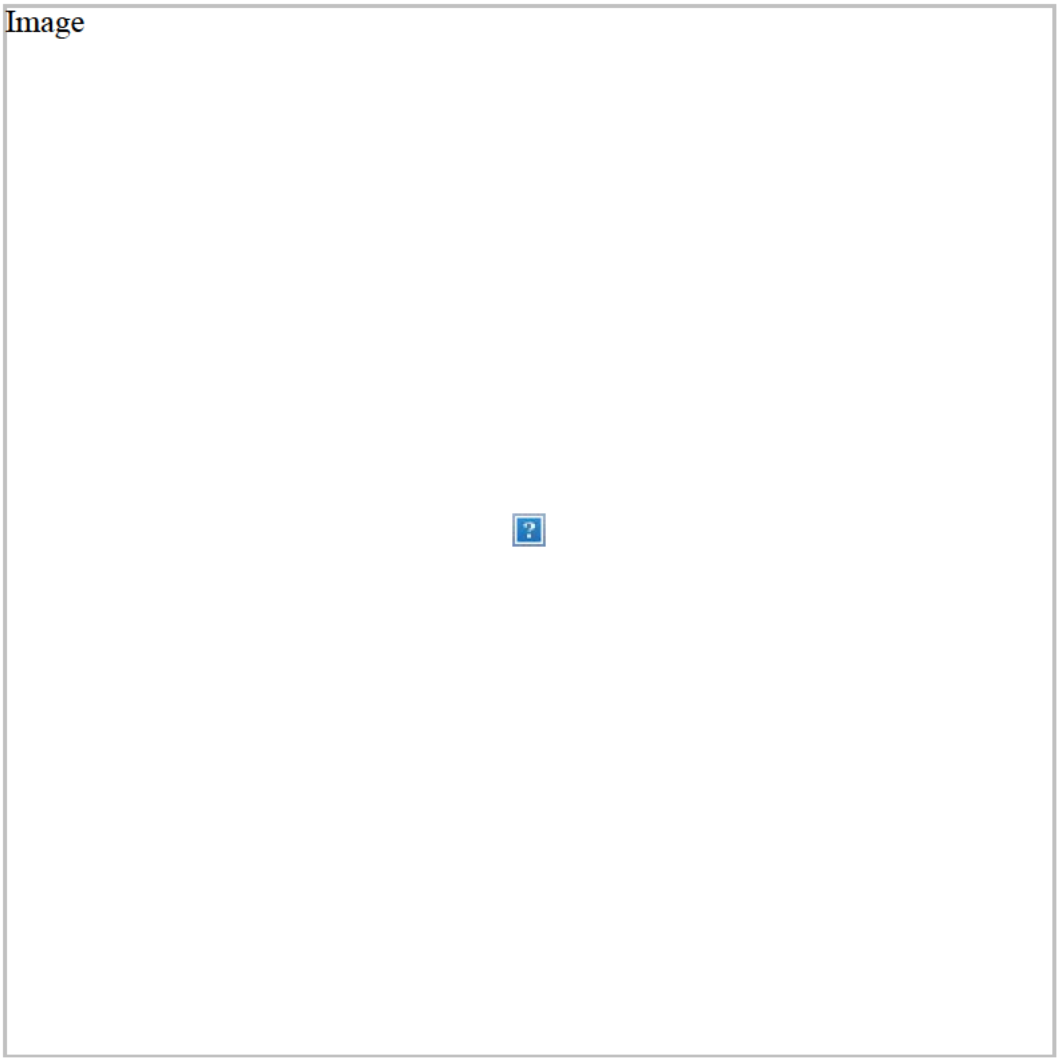
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BAE wins open source intelligence

contract from the Army



The Army has awarded BAE Systems a $437 million task order for open source intelligence support, the company announced Oct. 15 during the 2019 Association of the United States Army conference.

As part of the task order, BAE Systems will provide the Army and Army Intelligence & Security Command (INSCOM) approved partners with open source solutions to publicly available data.

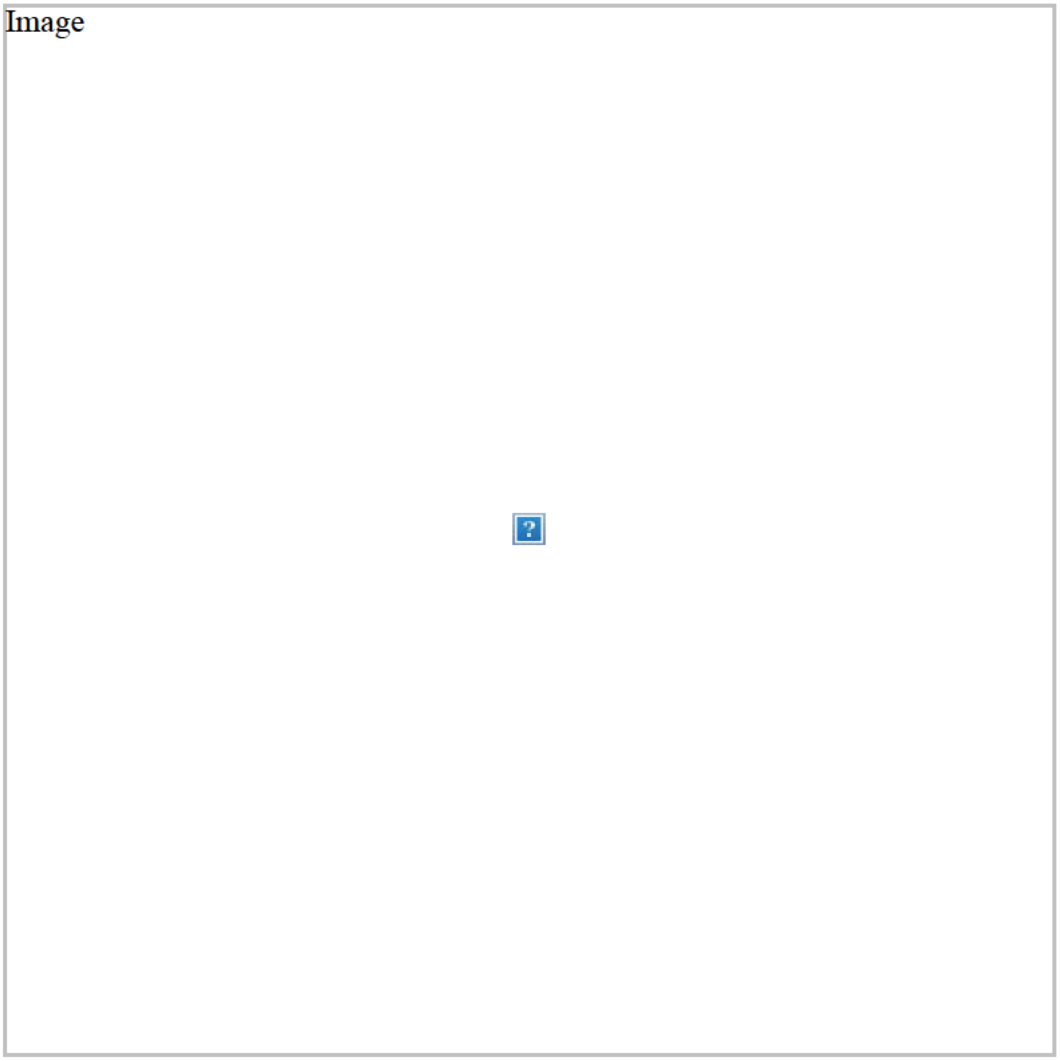
“We’re proud to continue to partner with the U.S. Army and support their critical national security missions with this new capability,” Peder Jungck, vice president and general manager of BAE Systems’ intelligence solutions business.

The company won the initial award of the five-year task order and began ramping up in August, Jungck said. The task order is an extension of projects the company has been doing for the

Army, but this is the first time the work been consolidated and awarded as a larger contract, he explained.

“If you look at contracts in general around OSINT there’s been kind of small ones, there’s been lots of pilots out of agencies and even within the Army and throughout INSCOM there were different kind of brigades and battalions that had their own set of tools," he said. "This is one of the first of the really large OSINT and AI consolidation contracts. I don’t think anybody’s really had a large one like this.”

Calif. police stand by cop after video released in 2017 OIS of murder suspect



FRESNO, Calif. — Community activists are expressing outrage after seeing video footage that shows a Fresno police sergeant fatally shooting an unarmed 16-year-old boy as he fled during a

foot pursuit.

Meanwhile, the local police union and supporters of law enforcement have stepped up in support of the sergeant, saying he acted within guidelines while pursuing a murder suspect.

The footage shows Sgt. Ray Villalvazo firing a single shot into the back of Isiah Murrietta-Golding's head, according to a lawsuit filed on behalf of the teen's family.

The video was captured on a surveillance camera at a daycare facility on April 14, 2017, and was released by attorney Stuart Chandler, who's representing the family of Murrietta-Golding. The boy's family alleges the sergeant used excessive and unlawful deadly force, and committed assault and battery with negligence.

Additionally, in footage released from a police officer's body camera, one officer is heard shouting "good shot" as officers handcuff and search the already prone Murrietta-Golding.

Asia has an organized-crime problem. Canada is well placed to help

Image

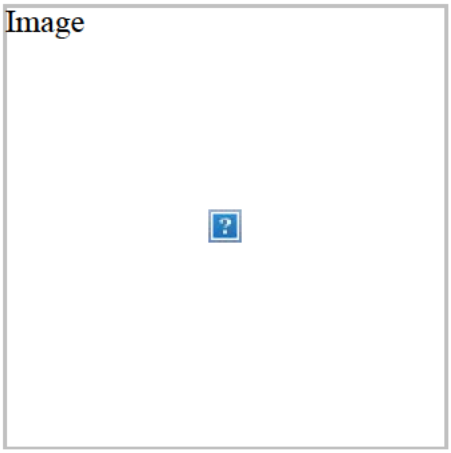
Jeremy Douglas is the regional representative for the United Nations Office on Drugs and Crime (UNODC) for Southeast Asia and the Pacific and a former UNODC representative for Pakistan. The opinions expressed in this commentary are his.

More than a few eyebrows went up last week when Tse Chi Lop – a 55-year-old Canadian man – was accused of being arguably the biggest drug trafficker in the history of Asia.

Mr. Tse is suspected – by police in Myanmar, Australia and Taiwan, and by the United Nations Office on Drugs and Crime (UNODC) – of being the leader of Sam Gor, or Brother Number Three, a supersyndicate largely responsible for the dramatic shift in recent years in organized crime away from drugs such as heroin and toward synthetics, such as methamphetamine, ketamine and fentanyl. It's a shift that has been driven by control and profit, since synthetics offer many advantages to

criminal organizations: Labs can be quickly set up or moved; they are not subject to external conditions such as climate, nor do they require large work forces; and production can be rapidly scaled up to drive the market. Put these things together and it means the disruption of the traditional drug business and the heavily concentrated profits that come with it.

Florida Senator Rick Scott Announces Legislation To Address 'FBI Failures' Regarding Parkland Shooting



MIAMI (CBSMiami) – Florida Senator Rick Scott announced legislation Thursday to hold the Federal Bureau of Investigations accountable for its 'failures to address critical deficiencies in its handling of actionable intelligence' in regards to the mass shooting at Marjory Stoneman Douglas High School in 2018.

The 'Threat Information Protocol for Sharing (TIPS) Act' is supported by Stand with Parkland, an organization founded by the family members of the victims of the Parkland shooting.

"Not a day goes by that I don't think about the 17 souls that were taken from us in a brutal act of violence at Marjory Stoneman Douglas High School. Following the tragedy, we all worked together to pass the Marjory Stoneman Douglas High School Public Safety Act to make our schools safer and prevent future tragedies, but we aren't finished. We cannot

accept the repeated failures of the FBI to properly investigate and act on specific tips received about the Parkland shooter, as well as other perpetrators of mass violence in Florida. I'm proud to stand with the family members of the victims to announce the TIPS Act, which bridges the gap between federal and state law enforcement agencies by mandating information sharing of all state-specific criminal intelligence tips. This is about getting information on threats into the hands of the right people, who can ultimately prevent violence and protect our families," Scott said.

Majority of Mexicans Say Organized Crime Stronger than Government after El Chapo's Son Released

Image

A majority of Mexicans see organized crime as more powerful than the Mexican government after government forces capitulated to drug-cartel strongmen and released the son of the former cartel leader Joaquín Guzmán, known as “El Chapo.”

About 56 percent of Mexicans say they believe organized crime is stronger, while only 33 percent say the government is stronger, according to a poll by the Mexican newspaper Reforma.

Mexican authorities were forced on Thursday to release Ovidio Guzmán López, El Chapo’s son, shortly after capturing him, when the Sinaloa cartel laid siege to the city of Culiacán and surrounded Mexican troops, taking eight soldiers hostage. Officials said at least 14 people died during the clashes between cartel members and Mexican soldiers.

49 percent of respondents in the Reforma poll disagreed with the decision to release López, while 45 percent said they supported it. Residents of Culiacán expressed relief that the government had surrendered, saying the decision prevented further violence.

Mexican lawmen get FBI training to combat organized crime, terrorism

Image

JUAREZ, Mexico — Three Chihuahua state lawmen recently completed intelligence and intervention training courses sponsored by the FBI, according to the State Security Commission.

Alvaro Serrano Escobedo, the commission's operations

director, received training on anti-terrorism, intelligence gathering, leadership and the combat of organized crime at FBI headquarters in Quantico, Virginia. The training is part of the FBI's Mexican Law Enforcement Executive Development (MEXLEED) program, the commission said in a news release.

Ginés Jaime Ruiz García, first officer of the Chihuahua State Police, and Jesús Alejandro Cruz Rangel, who heads rural operations for the agency, attended the FBI's Mexican American Liaison and Law Enforcement Training (MALLET) program in South Padre Island, Texas, the commission said.

The three lawmen were among 30 duly vetted Mexican officials chosen by the FBI for training this year, the commission said.

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63 accused drug dealers plead guilty in heroin, fentanyl and cocaine trafficking rings

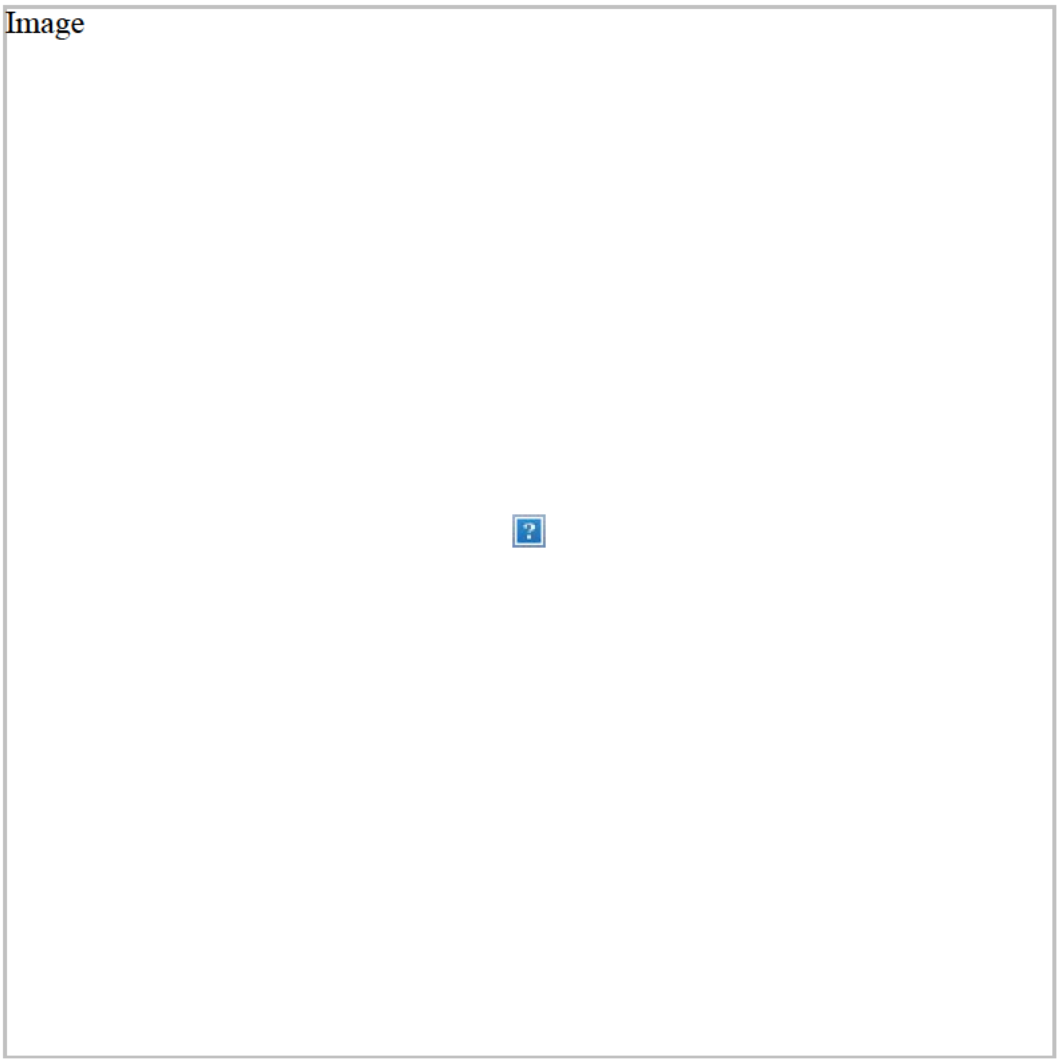
Image

SYRACUSE — New York State Attorney General Letitia James has announced the guilty pleas of 63 people for their roles in two major narcotics trafficking operations that transported heroin, fentanyl, and cocaine to Onondaga, St. Lawrence, Oswego, Oneida, and Jefferson counties.

The investigation resulted in the recovery of approximately 4,700 bags of heroin and fentanyl, worth approximately $140,000, and approximately 2 kilograms of cocaine, worth more than $200,000, according to a news release from the Attorney General's office.

"These individuals flooded our communities with dangerous drugs that are putting New Yorkers at great risk," said Attorney General Letitia James in the news release.

House bill would give border agents tool to detect synthetic opioids



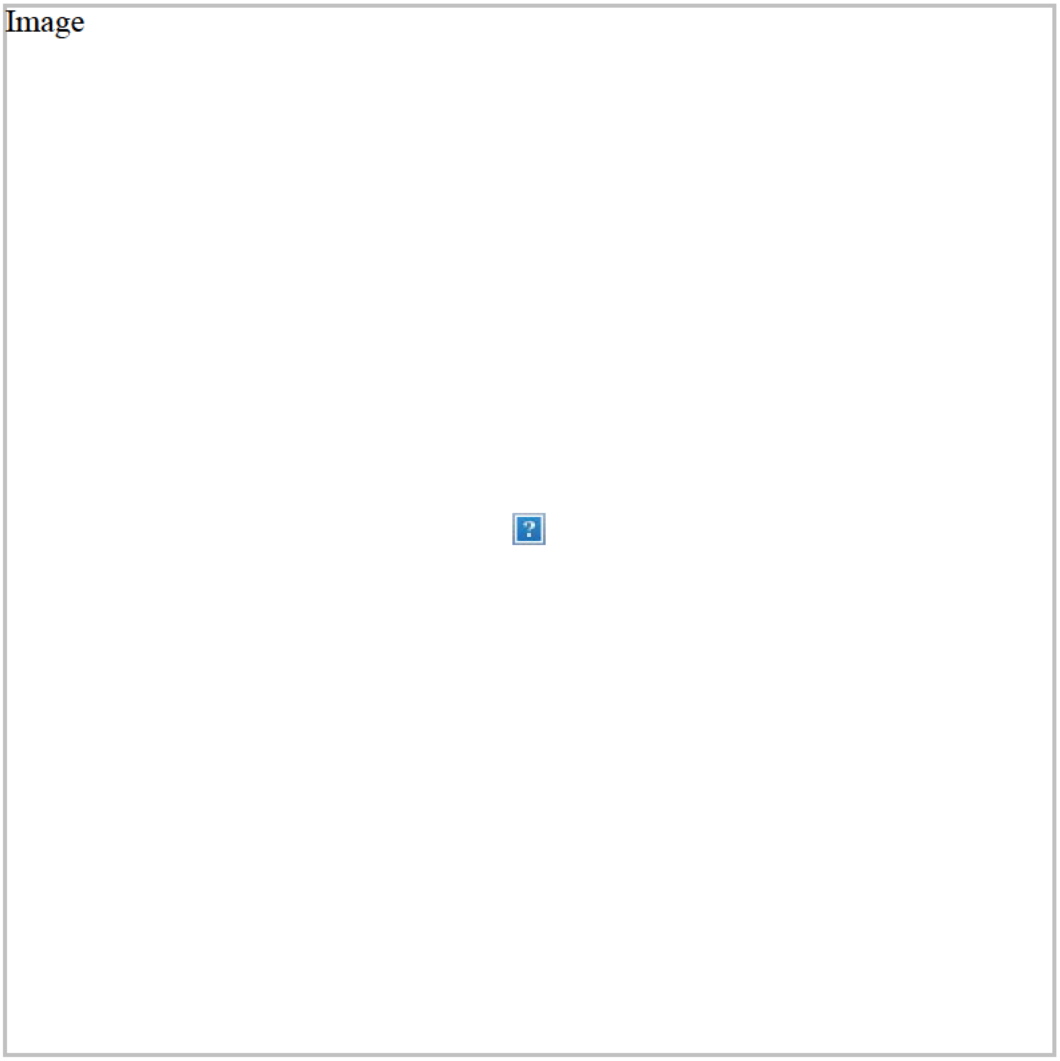
A bill that would give U.S. Customs and Border Protection (CBP) agents the equipment to detect synthetic opioids has been introduced in the U.S. House.

The DHS Opioid Detection Resilience Act of 2019 requires the Commissioner of CBP to procure chemical screening devices that allow border patrol agents to identify narcotics, including synthetic opioids, with purity levels of less than 10 percent. A 2018 study by the Drug Enforcement Administration (DEA) found that most fentanyl seized at the southwest border tends to be less than 10 percent pure. These changes would fill the gap that currently exists in identifying these synthetic opioids.

“Stopping the flow of illegal drugs across our southern border and at ports of entry is a top priority for our CBP law enforcement officers. This includes fentanyl and other synthetic opioids that can be difficult to detect. Our legislation ensures that DHS has the necessary equipment to detect synthetic opioids and the ability to adapt as smuggling methods evolve. We want to prevent this poison from ever reaching American communities, and our bill helps law enforcement carry out that mission,” Rep. Clay Higgins (R-LA), the bill’s sponsor, said.

Teens brawl with police in Brooklyn subway station

Image



BROOKLYN, N.Y. – A video showing members of the NYPD

trying to break up a fight and instead ending up in an all-out brawl with a mob of New Yorkers has gone viral… and media outlets were quick to condemn the cops who were involved.

The Post said that the incident unfolded on Saturday morning around 2:30 a.m. as officers responded to the scene of a fight on the platform of a subway station. The fights had originally began up on Jay Street between two groups of people before the violence spilled down into the station.

Cell phone video captured at the scene shows officers rush into the area and try to pull the brawling teens apart, attempting to put one of the suspects in handcuffs. Other individuals on the outside of the skirmish appear to be pulling the officers away.

The heartbreaking final text this human trafficking victim sent before dying in UK truck

Image

A 26-year-old Vietnamese woman texted her mom frantically that she was suffocating in the truck in which the bodies of 39 people were found in England — and apologized that her journey to a better life ended tragically, according to a report.

“I’m sorry Mom, my path to abroad didn’t succeed,” Pham Thi Tra My wrote in a series of messages about 10:30 p.m. Tuesday, according to the Mirror.

“Mom, I love you and Dad so much! I’m dying because I can’t breathe,” she added.

News about the young woman’s final moments emerged as two more people were arrested after eight women and 31 men were found dead Wednesday in a case that has shocked Britain and made headlines around the world.

Labor Trafficking Is A Crime You Probably Don't Notice

Image



It has been more than four years since Catherine Piedad called 911 from a $1.7 million home in Newton.

In 2015, she worked long hours to care for a Russian family's young twins. Her passport was taken, and she slept in a small room with little light and nowhere to store her clothes. When she asked to be paid, her employer threatened to send her back to the Philippines. She feared deportation and did not know who to trust.

Despite her fear, she called 911. Law enforcement helped her

to leave the family's home but did little else. They did not see her case as "labor trafficking." Instead, the incident was labeled a "labor dispute." Piedad struggled to access her rights — despite the robust federal and state laws designed to protect her.

You've probably heard of sex trafficking, which often involves perpetrators who force, trick or coerce victims into sexual servitude. Although difficult to see, sex trafficking is often visible to law enforcement through the internet: perpetrators sometimes leave a footprint online, which can provide a critical entry point for criminal investigations.

The Mafia's history in Las Vegas: From Bugsy Siegel to Anthony Spilotro

Image

Benjamin “Bugsy” Siegel had been at the helm of the Flamingo for only six months in June 1947 when he was killed in a hail of gunfire at his girlfriend’s Beverly Hills, Calif., home.

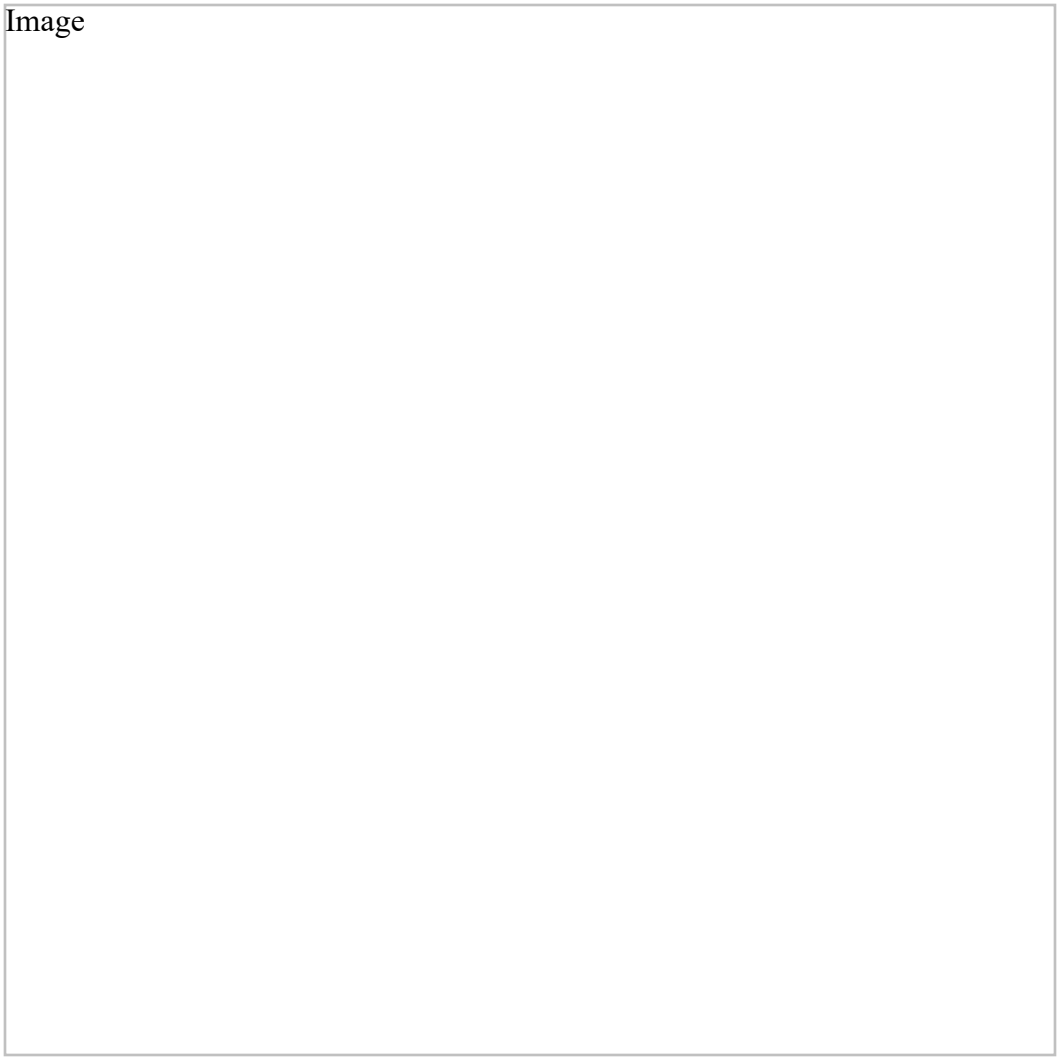
But his vision for the Flamingo, the first resort-style hotel on the Strip, was the beginning of a 50-year relationship between Las Vegas and traditional organized crime that helped define “Sin City”and turn it into one of the world’s top tourist destinations.

“The general perception on the part of the public is that Las Vegas and the mob have been inextricably linked, and I don’t think it will ever be extricated,” former longtime state archivist Guy Rocha says.

Groundbreaking books such as “The Green Felt Jungle” in 1963, which revealed the mob’s early grip on the city, and popular movies such as “The Godfather” in 1972 and “Casino” in 1995 enhanced this perception through the years.

So did the buzz on the Strip over the Rat Pack, led by headliner Frank Sinatra and his associations with high-profile underworld figures.

New Bill To Bring Illegal Gambling In California Closer To An End



Gambling in the US, as well as in the whole world, is one of the most entertaining and lucrative endeavors. Not only does it provide fun and joy to the players, but it also offers an opportunity to make a fortune.

The gambling operators all around the world are doing everything they can to attract new customers. From online free spins for Australians to no deposit bonuses and other promotions in other countries, casino operators are full of such impressive offers.

However, the industry isn't just this fairy-tale source of joy and money. It also has its drawbacks. With problem gambling, organized crime, and money laundering prospects, gambling has long been considered threatening to society.

That's the reason why the US government, alongside other

governments worldwide, have been eager to put the industry under the limitations and protect the interests of their citizens. With the regulatory restrictions and measures, the government officials have deemed ill-gotten gains illegal and contributed to ending gambling-related crime.

Best true-crime books of all time

Image



Terrifying tales are not the domain of fiction alone. If you are in search of bone-chilling scares, we recommend you turn to true crime. The key word being true. That's right, no imagination needed. Including stories about such horrific figures as Charles Manson and Ted Bundy, Goodreads compiled a list of the top 10 true-crime books

of all time based on the lists, reviews and ratings of their more than 90 million members.
AP

How a Facebook Crime Page Led to Arrest of N.C. Woman in Cold Case Killing of Sister-in-Law

Image



A Facebook page devoted to the murdered, missing or miscreant residents of western North Carolina is being credited with helping authorities bring charges in the 15-year-old cold-case killing of a missing mom of four, allegedly at the hands of her sister-in-law.

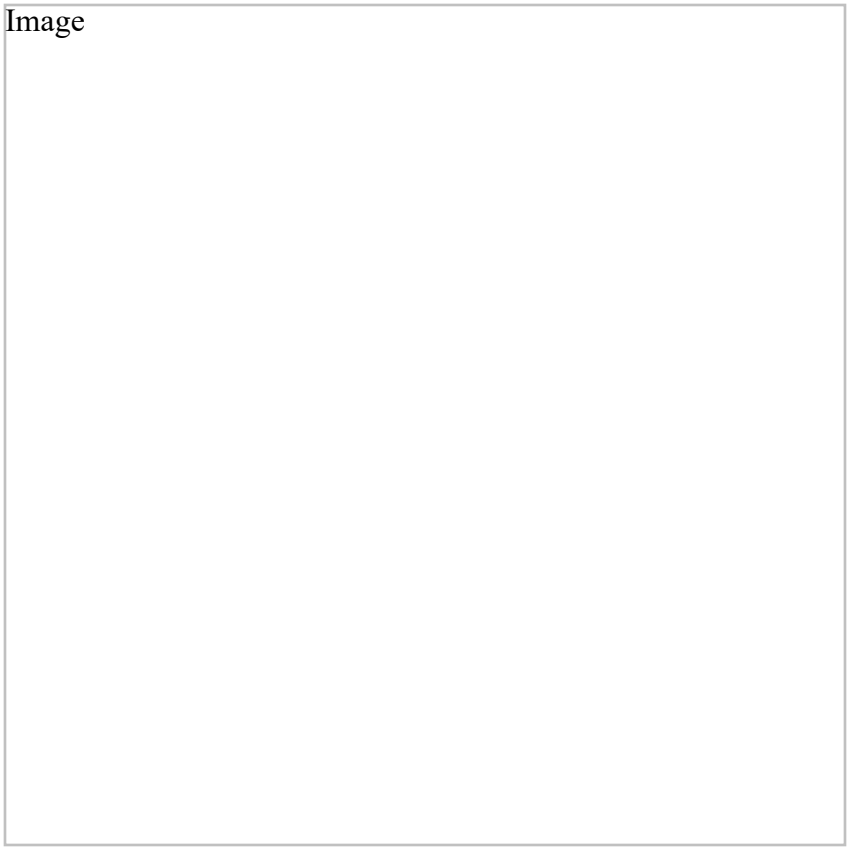
The tip that led authorities to a “shallow grave” containing the remains believed to be those of 29-year-old Deborah Elaine Deans “proved to be very accurate and very reliable,” Nash County Sheriff Keith Stone told reporters last week.

But the tipster did not go to police at first.

Instead, the unidentified person sent information about the alleged crime to a woman who created and runs a Facebook page called Fighting Crime News and Who’s Wanted, an online outlet whose updates range from wanted posters to promotions of local elections and warnings about traffic tie-ups.

On October 20, a re-post about the unsolved missing-person case of Deans — who was last seen around 9 a.m. on January 19, 2004, at a residence on Wiley Road in Spring Hope — elicited a “very detailed” response that was forwarded to authorities by the Facebook page creator, said Nash.

Google Maps Adds ability to see speed limits and speed traps in 40+ countries



Google Maps is gaining some features previously exclusive to Google's navigation app, Waze. The company confirmed it's rolling out the ability for Google Maps users to see speed limits, speed cameras and mobile speed cameras in more than 40 countries worldwide — an expansion of its earlier launch of these features, which were previously limited to select markets.

The change was noted earlier by ZDNet and, of course, Reddit.

Google confirmed with TechCrunch the full list of supported countries now seeing the speed cameras, which currently includes: Australia, Brazil, U.S., Canada, U.K., India, Mexico, Russia, Japan, Andorra, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, Greece, Hungary, Iceland, Israel, Italy, Jordan, Kuwait, Latvia, Lithuania, Malta, Morocco, Namibia, Netherlands, Norway, Oman, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, South Africa, Spain, Sweden, Tunisia, and Zimbabwe.

The Ethics Board of One of the Largest Vendors of Police Tech (Axon) Makes the Case Against ALPRs

Image



Automated License Plate Readers (ALPRs)—a mass surveillance technology that allows law enforcement to record the location and travel patterns of nearly every driver on the road—are poorly regulated, threaten privacy, and worsen the racial and economic inequalities already ingrained in our justice system.

That's what EFF and other advocates have been saying for years. But now it's coming from an oversight body formed by one of the nation's largest police tech vendors.

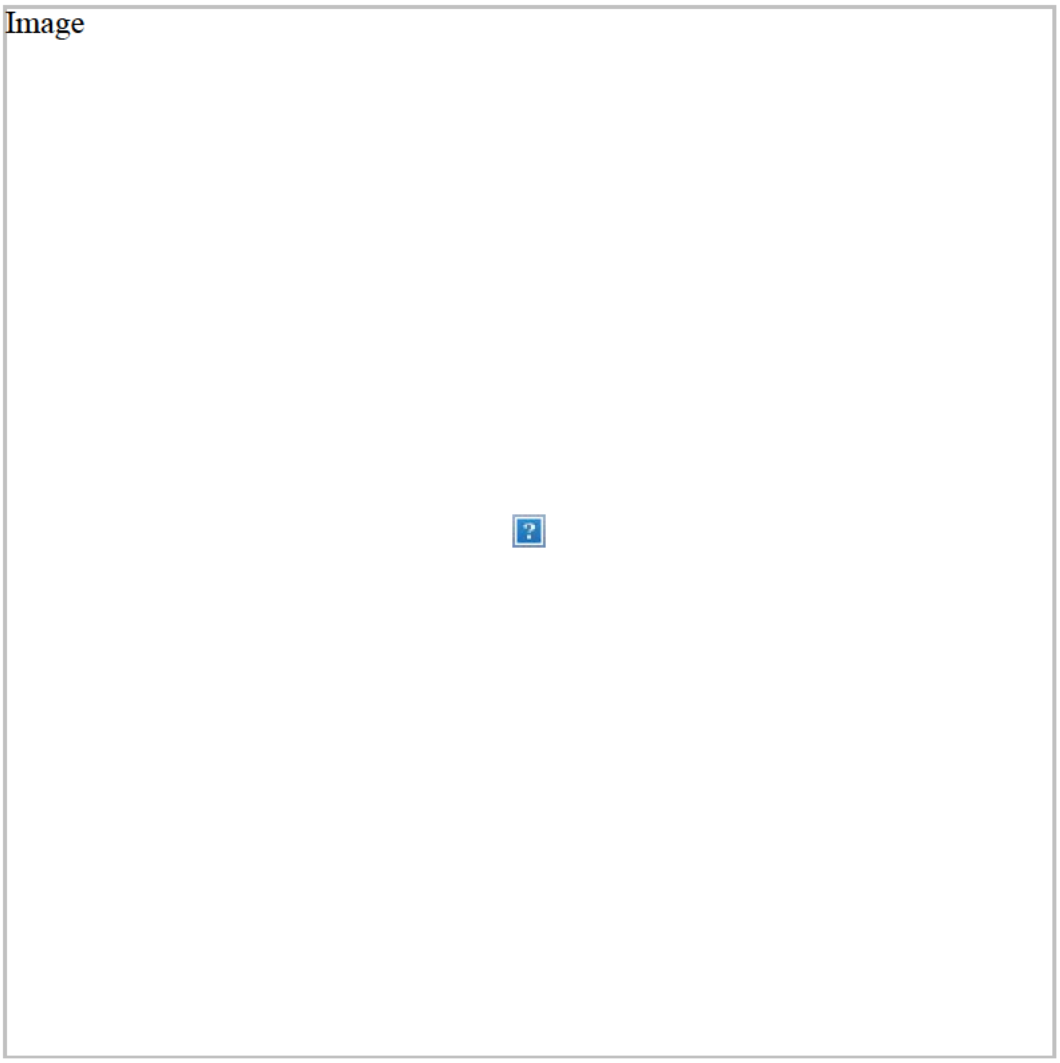
Last week, the AI and Policing Technology Ethics Board at

Axon, a tech company best known for popularizing body-worn cameras and the Taser, released a damning report concerning the commercial sale of ALPRs. The board, whose purpose is to “help guide and advise the company on ethical issues,” concluded that while it sees the potential value of ALPRs, their current role in society is too broad and problematic. The sheer amount of information that ALPRs gather and store was also a concern for the ethics board—particularly when privately collected data is often for sale to whoever wants to buy it.

ALPR systems include cameras that can be mounted on vehicles like police patrol cars or private tow trucks, or on stationary locations such as streetlights or overpasses. These cameras capture every license plate that passes and index them based on time, date, and location. A police officer can search ALPR databases to learn where a vehicle was in the past or even get real-time alerts when a driver passes by an ALPR camera. Research by EFF, MuckRock, and others have found that even small police departments are able to collect millions of plate scans a year, and often agencies are sharing this data with hundreds of other agencies across the country. Private companies also use ALPR and sell their data to police, financial lenders, insurance companies, private investigators, and debt collectors.

Amazon's Ring is 'the Neighborhood Watch of 2020,' police say as doorbell cams proliferate

Image



That's all it took Livonia Police to arrest a man, who hours earlier was caught on video posted on Ring's Neighbors app rummaging through the bed of a pickup parked in a driveway.

Detectives quickly recognized 60-year-old Jeffrey Couch when they saw the video posted by an app user in mid-August. Within a week, he pleaded no contest in court to two attempted larceny charges and was sentenced to 30 days in jail.

"I truly believe this is the Neighborhood Watch of 2020," said Livonia Police Capt. Ronald Taig, whose force was one of the first law enforcement agencies in Michigan — and is one of more than 400 across the country — to partner with the Ring Neighbors app, owned by Amazon.

How the deadly drug fentanyl is making its way to the US

Image



Trump administration officials are divided over part of a proposal to crack down on illicit versions of fentanyl, the deadly synthetic painkiller that President Donald Trump targeted in declaring a national opioid abuse emergency.

In an inter-agency dispute that highlights the challenges of curbing opioid abuse, the US Drug Enforcement Administration (DEA) is publicly backing tighter rules for fentanyl analogs, which are slightly altered copycat versions of the powerful drug fueling an explosion in overdoses.

In this case, the bill would cut the Food and Drug Administration out of the time-consuming review process by

letting the DEA permanently classify illicit fentanyl analogs as Schedule I drugs, like heroin, which are deemed to be addictive with no medical use.

The DEA says these legal changes would help prosecutors keep pace with criminals who constantly churn out chemically tweaked fentanyl analogs to evade strict Schedule I regulations.

Of 70,200 US drug overdose deaths in 2017, according to the CDC, about 41% involved synthetic opioids, such as fentanyl and illicit analogs of it. Most of them are made in China.

Fentanyl, some versions of which are approved to treat cancer pain, is 100 times more potent than morphine.

Trump Orders Study of Root Causes of Crime, Policing Practices

Image

President Trump on Monday ordered Attorney General William Barr to establish a new commission to study crime and law enforcement with the goal of recommending “actions that can be taken to prevent, reduce, and control crime, increase respect for the law, and assist victims.”

Following remarks in Chicago at the annual International Association of Chiefs of Police conference, the president signed an executive order establishing the Commission on Law Enforcement and the Administration of Justice. The commission will study the influence of substance abuse, homelessness and mental illness on crime as well as examine best practices to recruit, train and support law enforcement, among other things.

“Rigorous study of crime, including its causal factors, and current law enforcement practices is essential to assessing our

current criminal justice system's merits and opportunities for improvement," the executive order stated. "Public safety and proper policing are issues of both national and local significance that continue to require the close cooperation and coordination between the Department of Justice and state, local, and tribal law enforcement."

Quality Afterschool Programs Proven to Reduce Crime

Image



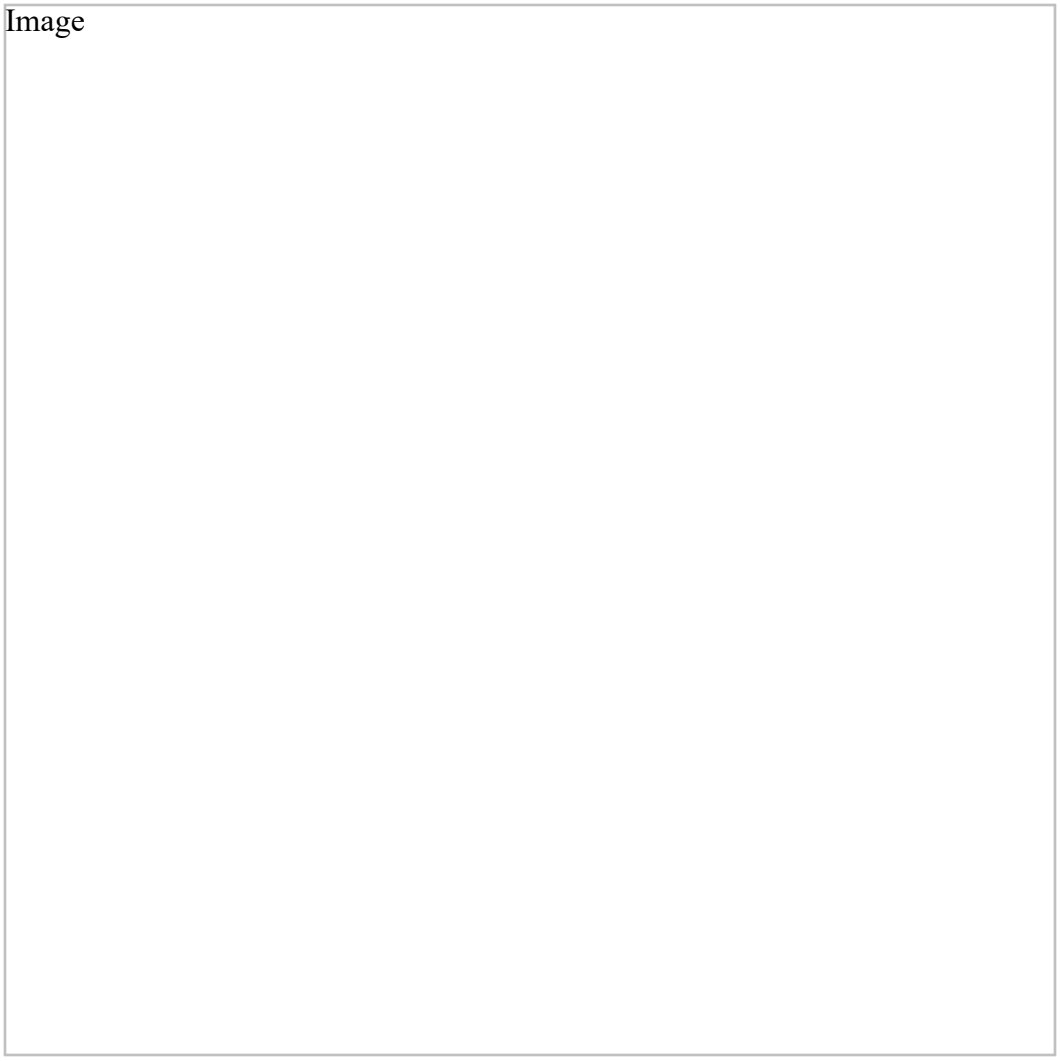
As a member of your District Attorney's Office for almost 30 years, and your DA for nearly 10, I've learned that the hours after school lets out are the prime time for juvenile crime.

It is between these hours of 2 to 6 p.m. that youth are more likely to be arrested for assault, theft and drug-related crimes.

Quality afterschool programs have been proven to reduce these crimes in our community, keep students engaged, and improve academic performance and student behavior.

A new report from Fight Crime: Invest in Kids shows that when youth have access to high-quality, affordable afterschool programming, they benefit immensely from homework help and outdoor activities, and they're less likely to commit or become victims of crime.

Australia's government is floating an idea to scan internet users' faces before they can watch porn online



Australia's Department of Home Affairs has touted an idea to use facial recognition software in order to verify internet users ages before they can access pornography or gambling websites.

In its parliamentary submission, the department says that its Document Verification Service and Face Verification Service — though broadly intended to be used as systems for fighting crime and identity theft — could also be used by police for age verification controls.

"This could assist in age verification, for example by preventing a minor from using their parent's driver licence to circumvent age verification controls," the submission states.

"Whilst they are primarily designed to prevent identity crime, Home Affairs would support the increased use of the

Document and Face Verification Services across the Australian economy to strengthen age verification processes."

Police turn to hackers in Australia's first crowdsourced attempt to find missing people

Image



For decades the traditional 'missing person' poster has been used to enlist the community's help to find individuals who may be in danger.

But with more than 2,600 Australians now listed as a "long-term" disappearance, the federal police are trying what they hope will be a more successful tactic: turning the search into a

game.

More than 350 internet sleuths and "ethical hackers" — hobbyists and professionals — gathered at 10 locations around the country on Friday in a national missing-persons "hackathon".

The aim was to generate leads for 12 of Australia's most frustrating cold cases, using sophisticated but legal methods of trawling the internet.

And organisers said the results were astounding: 100 leads were generated every 10 minutes the competing teams worked.

Police overseas have used crowdsourcing in the past for help with isolated cases, aided by these largely voluntary "open-source intelligence" (OSINT) enthusiasts.

But Linda Cavanagh, of the Canberra Cyber Security Innovation Node, said the Australian event was the first of its kind to be deployed on a national scale.

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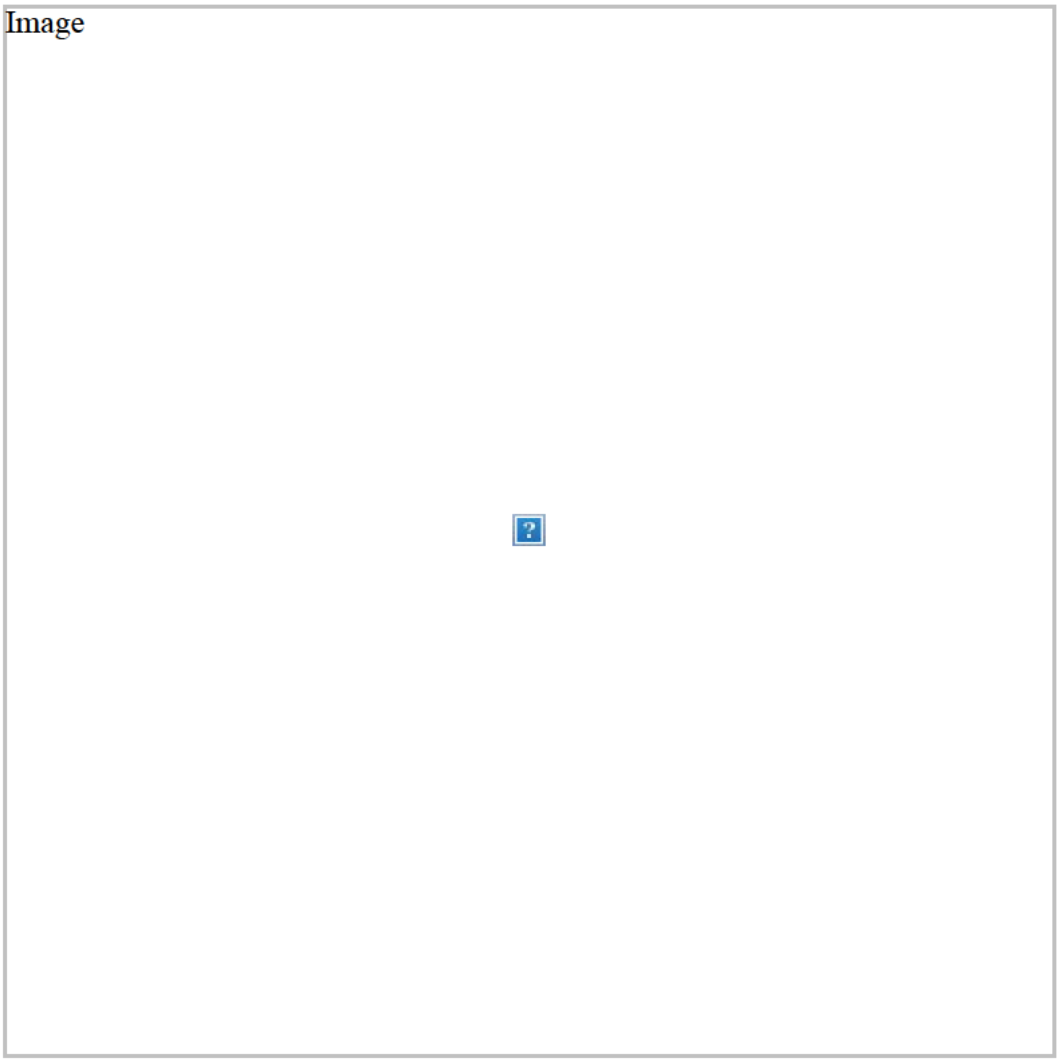
10 of the Best Tools to Find Relevant Influencers on Social Media

Image

While it's become a much bigger consideration in recent years, influencer marketing, as a practice, has actually existed for a very long time. In the past, however, influencers were only on TV or in magazines, and unlike social media, TV and newspapers are limited, which led to a situation where a select number of celebrities were able to charge tons of money for making an ad for Pepsi or Swatch in order to influence consumer behavior.

With the birth of social platforms, everything changed. The Internet has no limits, there can be as many influencers as the world requires. They can be of any age and social status, and in any area of expertise (or no area of expertise). And they can work with any brand.

How Your Volunteering Trip Could Contribute To Human Trafficking



The advent of cheap air travel and Instragammable holiday photos, combined with a longing for meaning, has created a new breed of traveler: the voluntourist. This ever-growing trend describes people, most often young and affluent Westerners, who travel to the global South to help with community projects.

While no doubt sweetly intentioned, there is considerable concern over the fad of “voluntourism” and whether it does more harm than good for the communities in developing countries – especially when it involves children or work at an orphanage. On the surface of the problem, it’s questionable whether treating the developing world as a playground is an effective model to address systemic poverty and care for vulnerable children.

An anthropological study published in the Journal of Sustainable Tourism has shown how volunteer programs can actually contribute towards a superficial understanding of poverty that distracts from the larger systems that produce inequality and poverty. Through a series of in-depth interviews with young people from the US who volunteered in Malawi, they found their volunteer work was often carried out through a colonial and “mythologized” image of a helpless Africa needing the benevolence of the West. The volunteers also viewed African poverty in terms of the “American Dream” and the idea of pulling oneself out of poverty through hard work, as opposed to deep-rooted economic, social, and historical factors at play.



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If you have an article you would like to see featured in this publication please contact Brian Gray at intelligenceanalysis@mac.com

LEIU's Central Coordinating Agency

Bob Morehouse (916) 263-1178
1825 Bell Street - Suite 205, Sacramento, CA 95825

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This email was sent to kerra.huchowski@pol.state.ma.us.

Click here to view the online version.

From:	Thibault, Amy (POL)
To:	Range, Scott (POL); Gawron, Stephen (POL)
Subject:	FW: ALPR Draft
Date:	Thursday, August 29, 2019 9:35:46 AM
Attachments:	Automated License Plate Recognition (DRAFT SOP 8-29).docx image001.png

From: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Sent: Thursday, August 29, 2019 9:10 AM
To: Thibault, Amy (POL) <amy.thibault@pol.state.ma.us>
Subject: ALPR Draft

Amy,
Attached is the most updated draft of the ALPR policy. I went through the template line by line and tried to cover every topic discussed. As it stands, it's approximately 12 pages long. I also did my best to recreate the Department policy template. I think I got it pretty close. Happy to discuss at any point this afternoon.

Thanks,
Jason

Jason R. Stelmat | **Privacy Officer**
Massachusetts State Police | Commonwealth Fusion Center
124 Acton Street, Maynard MA 01754
direct 978-451-3752 | fax 978-451-3767

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Please consider the environment before printing this e-mail

From:	Range, Scott (POL)
To:	Gawron, Stephen (POL)
Cc:	Brooks, Brian (POL); Stelmat, Jason (POL); Thibault, Amy (POL)
Subject:	FW: ALPR Policy/SOP
Date:	Friday, August 2, 2019 1:24:00 PM
Attachments:	LPR Policy Template FINAL 2-7-170.pdf Automatic License Plate Recognition (draft SOP).docx image003.png

Det. Capt. Gawron,

Please see below/attached, review and make any modifications deemed necessary. Then please send back to me for final review if possible by mid-day next Tuesday 8/6.

Thank you

From: Stelmat, Jason (POL)
Sent: Friday, August 02, 2019 1:14 PM
To: Brooks, Brian (POL)
Cc: Range, Scott (POL); Thibault, Amy (POL)
Subject: ALPR Policy/SOP

Lt. Brooks,
Attached is a draft ALPR Policy/SOP for the Fusion Center. I started with TRF-11 as a template and incorporated some provisions of the BJA template (also attached) so that the CFC can remain compliant with federal directives and initiatives. Please let me know your thoughts. I'd be happy to meet and discuss at your convenience.

Thanks,
Jason

Jason R. Stelmat | **Privacy Officer**
Massachusetts State Police | Commonwealth Fusion Center
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To:	Gawron, Stephen (POL)
Cc:	Brooks, Brian (POL); Stelmat, Jason (POL); Thibault, Amy (POL)
Subject:	FW: ALPR Policy/SOP
Date:	Friday, August 2, 2019 1:22:06 PM
Attachments:	LPR Policy Template FINAL 2-7-170.pdf Automatic License Plate Recognition (draft SOP).docx image003.png

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From: Stelmat, Jason (POL)
To: Thibault, Amy (POL)
Subject: FW: ALPR Policy/SOP
Date: Friday, August 9, 2019 7:33:22 AM
Attachments: LPR Policy Template FINAL 2-7-170.pdf
Automatic License Plate Recognition (draft SOP).docx
image003.png

It was ALPR… reassigned to Cpt. Gawron. Should have been reviewed and sent back to the Major 3 days ago.

From: Range, Scott (POL)
Sent: Friday, August 02, 2019 1:24 PM
To: Gawron, Stephen (POL)
Cc: Brooks, Brian (POL); Stelmat, Jason (POL); Thibault, Amy (POL)
Subject: FW: ALPR Policy/SOP

Det. Capt. Gawron,

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From: Gallagher, David (POL)
To: Tucker, Daniel T (POL)
Subject: Fw: ALPR User guide
Date: Tuesday, November 19, 2019 1:38:33 PM
Attachments: BOSS_3.2x_User_Manual_final.pdf

Please see attached

David M. Gallagher
Captain, Massachusetts State Police
Special Operations
508-988-7442
David.Gallagher3@MassMail.state.ma.us

From: Gallagher, David (POL) <david.gallagher3@MassMail.State.MA.US>
Sent: Monday, November 18, 2019 11:29 AM
To: Demers, Joanne (POL) <joanne.demers@pol.state.ma.us>
Subject: Fw: ALPR User guide

David M. Gallagher
Captain, Massachusetts State Police
Special Operations
508-988-7442
David.Gallagher3@MassMail.state.ma.us

From: Griffin, Daniel (POL) <daniel.griffin@MassMail.State.MA.US>
Sent: Thursday, October 4, 2018 1:16 PM
To: Gallagher, David (POL) <david.gallagher3@MassMail.State.MA.US>
Subject: ALPR User guide

Enjoy, stimulating reading.

Lieutenant Daniel J. Griffin 1129
Traffic Programs Section
Massachusetts State Police
General Headquarters
470 Worcester Road
Framingham, Ma. 01701

From: Gallagher, David (POL)
To: Demers, Joanne (POL)
Subject: Fw: ALPR User guide
Date: Monday, November 18, 2019 11:29:11 AM
Attachments: BOSS_3.2x_User_Manual_final.pdf

David M. Gallagher
Captain, Massachusetts State Police
Special Operations
508-988-7442
David.Gallagher3@MassMail.state.ma.us

From: Griffin, Daniel (POL) <daniel.griffin@MassMail.State.MA.US>
Sent: Thursday, October 4, 2018 1:16 PM
To: Gallagher, David (POL) <david.gallagher3@MassMail.State.MA.US>
Subject: ALPR User guide

Enjoy, stimulating reading.

Lieutenant Daniel J. Griffin 1129
Traffic Programs Section
Massachusetts State Police
General Headquarters
470 Worcester Road
Framingham, Ma. 01701

From: Gallagher, David (POL)
To: Huchowski, kerra (POL)
Subject: Fw: ALPR User guide
Date: Wednesday, November 20, 2019 11:12:00 AM
Attachments: BOSS_3.2x_User_Manual_final.pdf

Please see attached. Page 37 is probably a good place to start. I'm sorry I couldn't talk earlier I had a Duty Status Hearing. I will call you shortly.

Thank you,

David M. Gallagher
Captain, Massachusetts State Police
Special Operations
508-988-7442
David.Gallagher3@MassMail.state.ma.us

From: Gallagher, David (POL) <david.gallagher3@MassMail.State.MA.US>
Sent: Tuesday, November 19, 2019 1:38 PM
To: Tucker, Daniel T (POL) <Daniel.T.Tucker@pol.state.ma.us>
Subject: Fw: ALPR User guide

Please see attached

David M. Gallagher
Captain, Massachusetts State Police

Special Operations
508-988-7442
David.Gallagher3@MassMail.state.ma.us

From: Gallagher, David (POL) <david.gallagher3@MassMail.State.MA.US>
Sent: Monday, November 18, 2019 11:29 AM
To: Demers, Joanne (POL) <joanne.demers@pol.state.ma.us>
Subject: Fw: ALPR User guide

David M. Gallagher
Captain, Massachusetts State Police
Special Operations
508-988-7442
David.Gallagher3@MassMail.state.ma.us

From: Griffin, Daniel (POL) <daniel.griffin@MassMail.State.MA.US>
Sent: Thursday, October 4, 2018 1:16 PM
To: Gallagher, David (POL) <david.gallagher3@MassMail.State.MA.US>
Subject: ALPR User guide

Enjoy, stimulating reading.

Lieutenant Daniel J. Griffin 1129
Traffic Programs Section
Massachusetts State Police
General Headquarters
470 Worcester Road
Framingham, Ma. 01701

From: Stelmat, Jason (POL)
To: Range, Scott (POL); Gawron, Stephen (POL)
Subject: FW: Annual Privacy Training (MANDATORY)
Date: Saturday, August 3, 2019 6:12:52 AM
Attachments: Automatic License Plate Recognition (draft SOP 8-2).docx
image001.png

FYI

From: Brooks, Brian (POL)
Sent: Friday, August 02, 2019 9:37 PM
To: Stelmat, Jason (POL)
Subject: RE: Annual Privacy Training (MANDATORY)

Jason, I just made a couple suggestions. FYI I'll be away next week. Brian

---

From: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Sent: Friday, August 2, 2019 3:50 PM
To: Barton, Shannan (POL) <Shannan.Barton@pol.state.ma.us>; Bender, Sean (POL) <Sean.Bender@pol.state.ma.us>; Bennett, Marcy (POL) <Marcy.Bennett@pol.state.ma.us>; Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>; Chandler, Brittany (POL) <Brittany.Chandler@pol.state.ma.us>; Coleman, Daniel (POL) <Daniel.Coleman@pol.state.ma.us>; Foley, Kristine (POL) <kristine.foley@pol.state.ma.us>; Fortier, Kimberly (POL) <Kimberly.Fortier@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>; Huber, Richard (POL) <richard.huber@pol.state.ma.us>; Huchowski, James (POL) <james.huchowski@pol.state.ma.us>; Huchowski, kerra (POL) <kerra.huchowski@pol.state.ma.us>; Neville, Christopher (POL) <Christopher.Neville@pol.state.ma.us>; Nystrom, Lindsey (POL) <lindsey.nystrom@pol.state.ma.us>; O'Leary, Sarah (POL) <Sarah.OLeary@pol.state.ma.us>; Panacopoulos, Laurie (POL) <laurie.panacopoulos@pol.state.ma.us>; Pirrotta, Melissa S. (POL) <melissa.pirrotta@pol.state.ma.us>; Range, Scott (POL) <scott.range@pol.state.ma.us>; Salvatore, Justin (POL) <Justin.Salvatore@pol.state.ma.us>; Smith, Eleanor (POL) <Eleanor.Smith@pol.state.ma.us>; StPierre, Barbara (POL) <barbara.stpierre@pol.state.ma.us>; Thibault, Amy (POL) <amy.thibault@pol.state.ma.us>; Upton, Paul (POL) <Paul.Upton@pol.state.ma.us>; Wilczynski, Kristin (POL) <kristin.wilczynski@pol.state.ma.us>; Colahan, Bailey <bailey.colahan@jud.state.ma.us>; Crowley, Timothy (POL) <timothy.crowley@pol.state.ma.us>; Egnitz, Brian (POL) <brian.egnitz@pol.state.ma.us>; Ferrazzani, Kurt (POL) <kurt.ferrazzani@pol.state.ma.us>; Foster, John (POL) <John.Foster@pol.state.ma.us>; Jorge, Lucas (POL) <lucas.jorge@pol.state.ma.us>; Sarrouf, Thomas (POL) <thomas.sarrouf@pol.state.ma.us>; Slattery, John (POL) <john.slattery@pol.state.ma.us>
Subject: Annual Privacy Training (MANDATORY)
Importance: High

Hello all,
This year's annual privacy training is tentatively scheduled as follows:

Maynard: Tuesday, August 20th at 10:00am (also broadcast via GoToMeeting)

Framingham: Thursday, August 22nd (will accommodate a time for each shift)

Make up sessions will be available for those who have vacations and unexpected sick absences. I will keep everybody posted as plans become finalized.

Thank you,
Jason

Jason R. Stelmat | **Privacy Officer**
Massachusetts State Police | Commonwealth Fusion Center
124 Acton Street, Maynard MA 01754
direct 978-451-3752 | fax 978-451-3767

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Please consider the environment before printing this e-mail

From: Brenner, Karl (POL)
To: Fernandes, Paul (POL); Robles, Francis Jr. (POL)
Cc: Winslow Stimpson
Subject: FW: Bill Would Require Safety Tech in LE Vehicles
Date: Tuesday, November 12, 2019 11:31:00 AM

See below.

Respectfully,
Lt. Karl P. Brenner #2312
Fleet Administrator
Massachusetts State Police
490 Worcester Rd.
Framingham MA 01701
Office -(508) 820-2276
Fax- (508) 820-2272

From: Police Fleet News [mailto:policefleetnews@bobitenews.com]
Sent: Thursday, October 31, 2019 12:18 PM
To: Brenner, Karl (POL)
Subject: Bill Would Require Safety Tech in LE Vehicles

Oct 31, 2019 View online version

Bill Requires Police Fleets to Install Safety Tech

The Protecting Roadside First Responders Act would require federal law enforcement vehicles to be equipped with safety technology and digital alert capabilities.

READ MORE

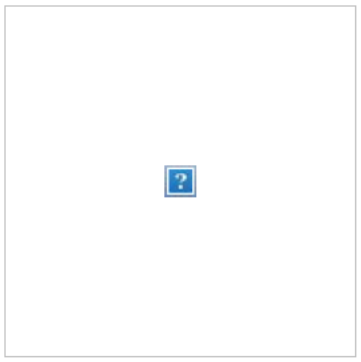


Chicago Police Orders 200 Ford PIU Hybrids

The Chicago Police Department will soon take delivery of 200 Ford Police Interceptor Utility Hybrid vehicles, which are made in the city.

READ MORE

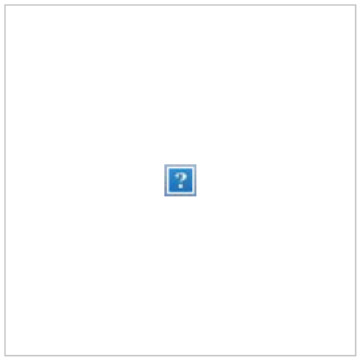




Next-Gen Axon Dash Cams to Include License Plate Readers

The Axon Fleet 3 in-car video system will feature automated license plate recognition (ALPR) with built-in controls to promote transparency and privacy.

READ MORE



2020 Ford Police Interceptor Utility Walkaround [Video]

James Morgan, government sales manager, explains what sets the 2020 Ford Police Interceptor apart from the Ford Explorer, what's changed from previous models, and what's stayed the same.

READ MORE

John Deere Introduces Special Application Vehicles for First Responders

John Deere's new line of special application vehicles address the unique needs of police, fire, rescue, and security as well as the broader needs of governmental customers.

READ MORE

Gamber-Johnson's Toughbook Offers Motion Attachments

Gamber-Johnson introduced a new family of premium Mongoose motion attachment products for use in public safety and enterprise fleets.

READ MORE

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- [ ] Negligent Entrustment: The Risk of Overlooking Driver Safety
- [ ] Fleet Safety Best Practices Explained
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- [ ] Why a Utilization Analysis Matters

GOVERNMENT FLEET

You are currently subscribed as karl.brenner@pol.state.ma.us. Manage your email preferences.

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From: Egnitz, Brian (POL)
To: Crouse, David (POL); Doherty, Gregory (POL)
Subject: FW: BOSS update
Date: Tuesday, June 4, 2019 3:37:45 PM
Attachments: image001.png
image005.png
image006.png
image002.png

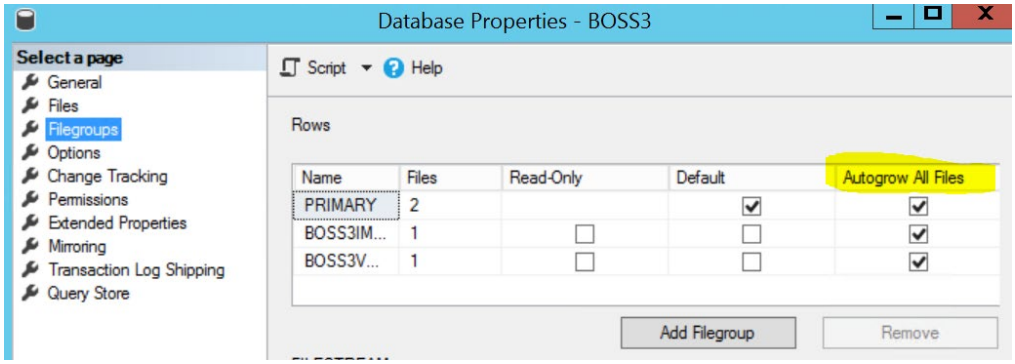
FYI

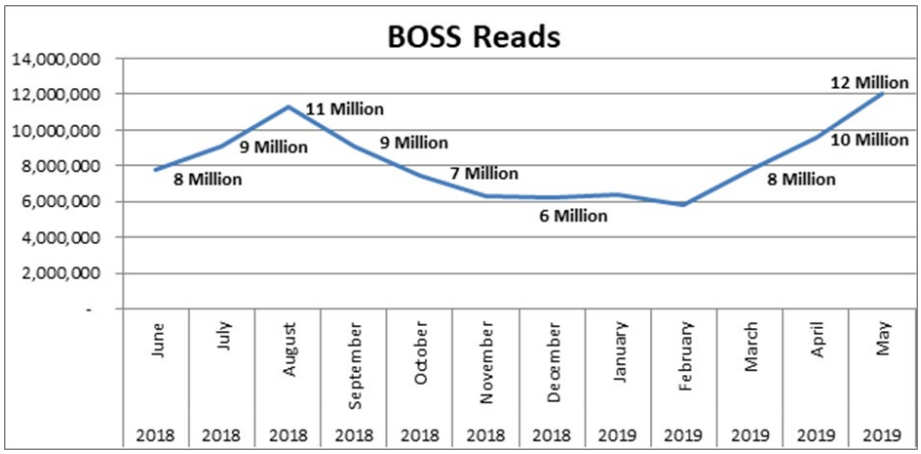
From: Egnitz, Brian (POL)
Sent: Tuesday, June 4, 2019 3:34 PM
To: Mitchell, Timothy (EPS); Stockwell, Matt (EPS)
Cc: Quinn, Dermot (POL); Slater, James (CHS)
Subject: RE: BOSS update

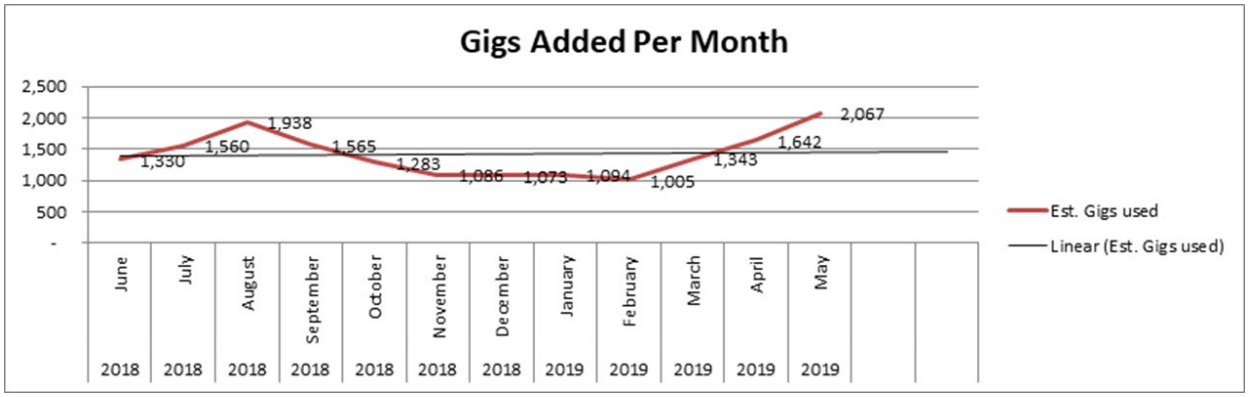
Hi Tim and Matt,

We had an issue on the BOSS server today that I wanted to make you aware of. The application was unable to write to the database. The problem was resolved by putting the database into single user mode and setting the below to auto grow. This setting appears in a different area from the earlier versions of SSMS, so I wanted to pass it along. I also did some analysis on the BOSS LPR server for planning purposes and I believe it could fill up in 4 months. Please see the charts below, I've estimated each read size to be approximately 175KB. In addition, we have 15 fixed readers in the pipeline over the next year. This will also increase the storage needs. I'll also put in a ticket requesting additional storage.

Thanks, Brian







Avg. TB used each
Month

1.4

Space Currently Available (TB)
5.22

Number of Months estimated when full
4

Month	Year	Month Name	Reads Count
6	2018	June	7,749,461
7	2018	July	9,089,463
8	2018	August	11,289,346
9	2018	September	9,117,381
10	2018	October	7,475,117
11	2018	November	6,324,582
12	2018	December	6,249,972
1	2019	January	6,371,376
2	2019	February	5,856,236
3	2019	March	7,820,906
4	2019	April	9,562,679
5	2019	May	12,039,871
6	2019	June	577,449
			99,523,839

From: Egnitz, Brian (POL)
Sent: Tuesday, March 12, 2019 4:14 PM
To: Stockwell, Matt (EPS); Mitchell, Timothy (EPS)
Subject: RE: BOSS update

From: Stockwell, Matt (EPS)
Sent: Tuesday, March 12, 2019 4:14 PM
To: Egnitz, Brian (POL); Mitchell, Timothy (EPS)
Subject: RE: BOSS update

Hi Brian –

If there was an attachment or additional details on the sizing they did not come through via e-mail.

Matt

From: Egnitz, Brian (POL)
Sent: Tuesday, March 12, 2019 3:04 PM
To: Mitchell, Timothy (EPS) <timothy.mitchell@mass.gov>; Stockwell, Matt (EPS) <matt.stockwell@mass.gov>
Subject: FW: BOSS update

FYI

From: John Tedona [mailto:jtedona@neology.net]
Sent: Tuesday, March 12, 2019 11:00 AM
To: Egnitz, Brian (POL)
Cc: Michael Roth
Subject: RE: BOSS update

Brian,

Here's the recommended sizing criteria for the application and database servers. With more fixed cameras pushing data to BOSS it's highly recommended you keep this sizing criteria in mind.

John Tedona
PIPS TECHNOLOGY - A Neology Business
Sales Manager
12760 Danielson Ct. Suite A
Poway, CA 92064
Phone: 201-841-6237
Email: jtedona@neology.net
PIPS Support: support@pipstechnology.com 833-747-7577, Option 1 for sales, Option 2 for Support
www.pipstechnology.com

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Tuesday, March 12, 2019 10:49 AM
To: Michael Roth <mroth@neology.net>
Cc: Peter Crary <pcrary@neology.net>; Israel Padilla <ipadilla@neology.mx>; Michell Itallekzi Garcia Garcia <colaborador6@neopartners.mx>; Mitchell, Timothy (EPS) <timothy.mitchell@state.ma.us>; John Tedona <jtedona@neology.net>; PIPS Technology Support <support@pipstechnology.com>; Quinn, Dermot (POL) <dermot.quinn@state.ma.us>; Clarke, Shannon (EPS) <shannon.clarke@state.ma.us>
Subject: RE: BOSS update

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Thanks Mike, Ive sent that to the tech. here is the license key. I saw the 5 concurrent number in the boss log folder

---

From: Michael Roth [mailto:mroth@neology.net]
Sent: Tuesday, March 12, 2019 10:33 AM
To: Egnitz, Brian (POL); Peter Crary; Israel Padilla; Michell Itallekzi Garcia Garcia; Mitchell, Timothy (EPS); John Tedona; PIPS Technology Support; Quinn, Dermot (POL); Clarke, Shannon (EPS)
Subject: RE: BOSS update

Can you send me screen shoot of the licenses.

That error occurs when using other browser than IE.

1. Prerequisites needed to successful install of BossUI client, the below settings pertain to OS where client is being installed.
    a. “Active Scripting” needs to be enabled in Windows “Internet Options”- “Security”- “Internet”- “Custom level”. (This setting is for Bing maps to function).
    b. Can you add http:// address to “Local Intranet” in Intranet Zones Sites. (This can be taken out after installation as it is only needed for deployment).

2. Internet Explorer must be use.

Michael B. Roth
ALPR Technician
O: 858.391.0260 Ext. 1234
C: 513.767.7610
mroth@neology.net
A Business
www.pipstechnology.com

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Tuesday, March 12, 2019 7:06 AM
To: Peter Crary <pcrary@neology.net>; Michael Roth <mroth@neology.net>; Israel Padilla <ipadilla@neology.mx>; Michell Itallekzi Garcia Garcia <colaborador6@neopartners.mx>; Mitchell, Timothy (EPS) <timothy.mitchell@state.ma.us>; John Tedona <jtedona@neology.net>; PIPS Technology Support <support@pipstechnology.com>; Quinn, Dermot (POL) <dermot.quinn@state.ma.us>; Clarke, Shannon (EPS) <shannon.clarke@state.ma.us>
Subject: RE: BOSS update

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I addition, I believe we may need a new license file. The logs say “5 concurrent” licenses available.

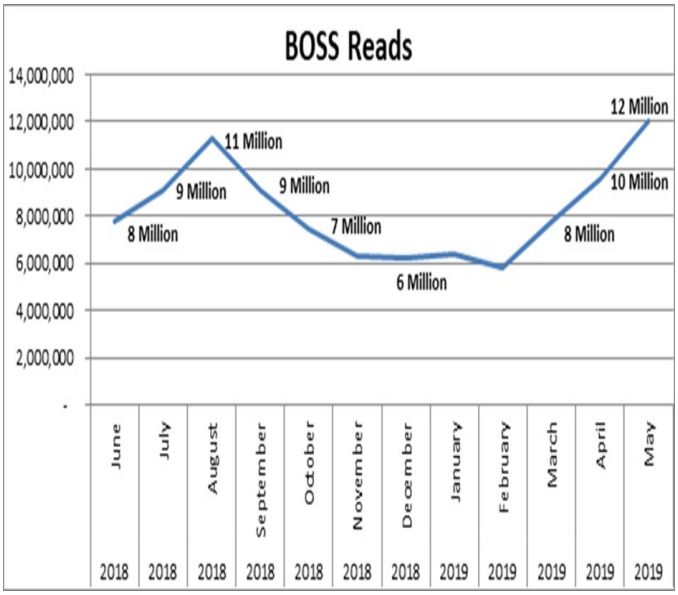
From: Egnitz, Brian (POL)
Sent: Tuesday, March 12, 2019 6:43 AM
To: Peter Crary; Michael Roth; Israel Padilla; Michell Itallekzi Garcia Garcia; Mitchell, Timothy (EPS); John Tedona; PIPS Technology Support; Quinn, Dermot (POL); Clarke, Shannon (EPS)
Subject: Fwd: BOSS update

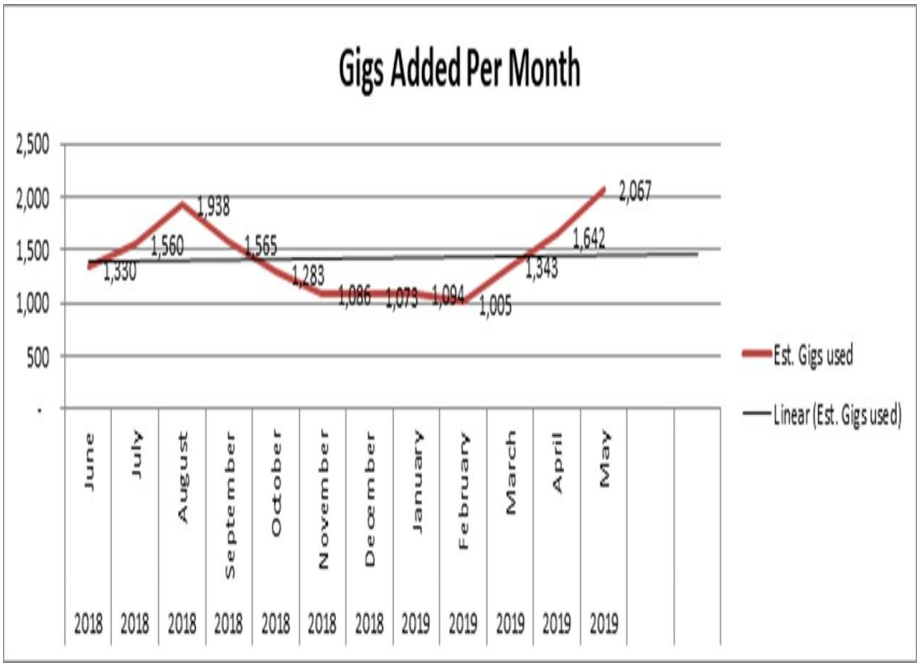
Hi guys,

Is there an updated client? This on appears to be calling the Spanish version of dot net, it’s also not using the updated version already installed. Do you have one that is properly signed too???

Begin forwarded message:

> **From:** "Ghasemi, Kiarash (POL)" <Kiarash.Ghasemi@pol.state.ma.us>
> **Date:** March 11, 2019 at 10:35:38 PM EDT
> **To:** "Egnitz, Brian (POL)" <brian.egnitz@pol.state.ma.us>, "Sullivan, Margaret (POL)" <Margaret.Sullivan@pol.state.ma.us>
> **Cc:** "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>, "Kelly, Edward (POL)" <Edward.Kelly@pol.state.ma.us>, "Hernandez, Oscar (POL)" <Oscar.Hernandez@pol.state.ma.us>, "Weldon, Stephen (POL)" <Stephen.Weldon@pol.State.MA.US>, "Griffin, Daniel (POL)" <daniel.griffin@MassMail.State.MA.US>
> **Subject: RE: BOSS update**
>
> Hi Brian,
>
> Before this update, On computers that needed access to LPR reporting, we have a copied a folder called “SA Client” and “SA.UI” within that folder, we create a shortcut to that file and that eliminated installation of any program.
>
> But I have tried the link that you have provided us and I’m getting an error message in Spanish during the installation! (Please see below) What I get from it, it need .Net. 4.5.2 but my computer already has 4.7 installed on it. I also tried to install it on Watchcenter computers and I got the same error message in Spanish and .Net 4.5.2 wont install on top of the current version of 4.7
>
> Also translation of other part of the error message is that:
>
> "The Microsoft .NET Framework 4.5.2 installation is not supported on this operating system. Please contact the administrator."
>
> I have CC Lt. Griffin on this email, since he has done many installation of the old one too and all his stations are also effected too.





Error de comprobación de los requisitos previos del componente del sistema Microsoft .NET Framework 4.5.2 (x86 y x64) con el siguiente mensaje:
"La instalación de Microsoft .NET Framework 4.5.2 no se admite en este sistema operativo. Póngase en contacto con el administrador."

Vea el archivo de registro de la instalación que se encuentra en 'C:\Users\MJACKS~1\AppData\Local\Temp\VSD1947.tmp\install.log' para obtener más información.

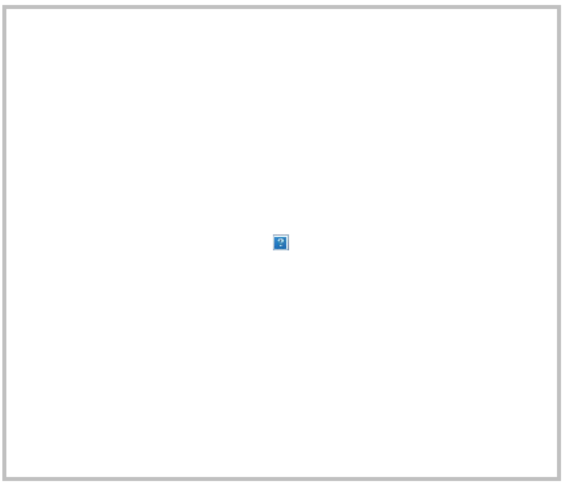
From: Egnitz, Brian (POL) <brian.egnitz@pol.state.ma.us>
Sent: Monday, March 11, 2019 9:58 PM
To: Sullivan, Margaret (POL) <Margaret.Sullivan@pol.state.ma.us>
Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Kelly, Edward (POL) <Edward.Kelly@pol.state.ma.us>; Hernandez, Oscar (POL) <Oscar.Hernandez@pol.state.ma.us>; Weldon, Stephen (POL) <Stephen.Weldon@pol.State.MA.US>; Ghasemi, Kiarash (POL) <Kiarash.Ghasemi@pol.state.ma.us>
Subject: BOSS update

Hi Peg,

The BOSS ALPR application has been updated in case you get some calls regarding ALPR. The client can be updated using the url below if it doesn't do it automatically. Configure IP and port as below.

-Brian

http://s.L.c.4.sec.7.cl.2[redacted]9988/publish.htm



Brian Egnitz
Commonwealth Fusion Center
Massachusetts State Police
Phone: 978-451-3710 (Maynard) 508-988-7302 (GHQ)
Email: Brian.Egnitz@massmail.state.ma.us
Monday - Friday, 8 to 4

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From: Egnitz, Brian (POL)
To: Mitchell, Timothy (EPS) (timothy.mitchell@mass.gov); Stockwell, Matt (EPS) (matt.stockwell@mass.gov)
Subject: FW: BOSS update
Date: Tuesday, March 12, 2019 3:03:00 PM

FYI

From: John Tedona [mailto:jtedona@neology.net]
Sent: Tuesday, March 12, 2019 11:00 AM
To: Egnitz, Brian (POL)
Cc: Michael Roth
Subject: RE: BOSS update

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John Tedona
PIPS TECHNOLOGY - A Neology Business
Sales Manager
12760 Danielson Ct. Suite A
Poway, CA 92064
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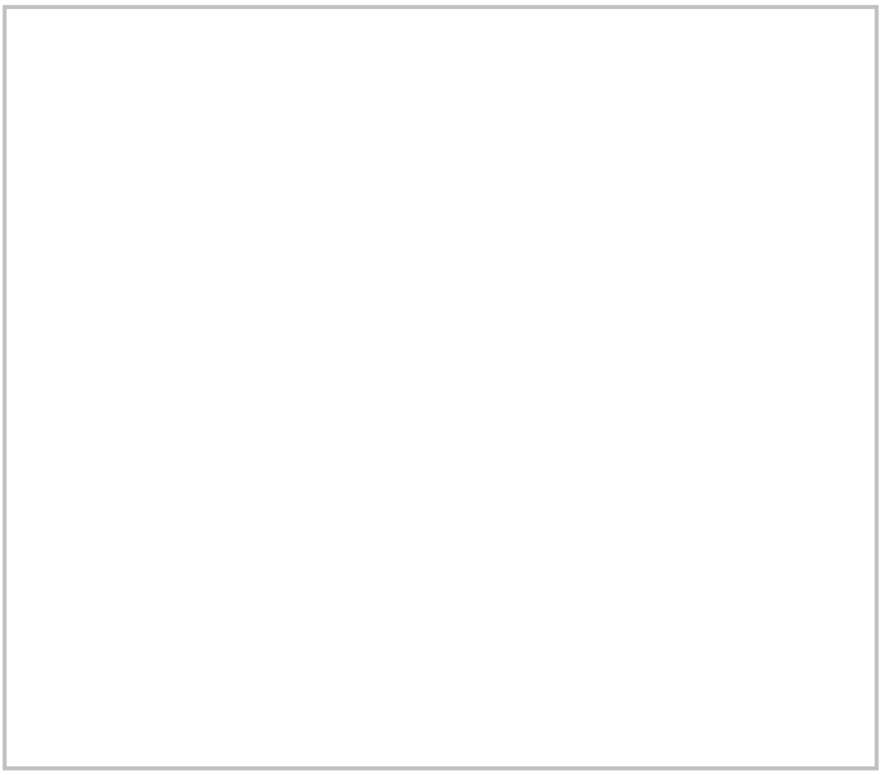
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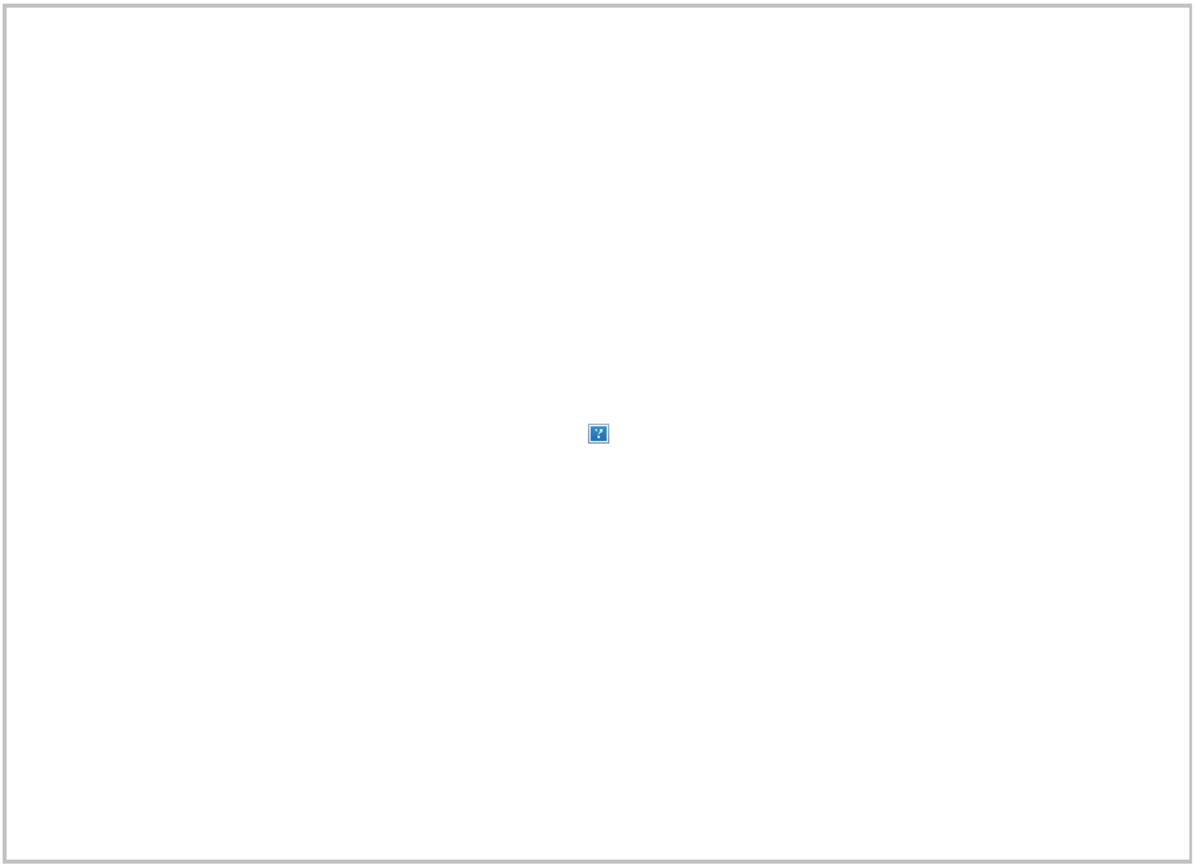
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> **Date:** March 11, 2019 at 10:35:38 PM EDT
> **To:** "Egnitz, Brian (POL)" <brian.egnitz@pol.state.ma.us>, "Sullivan, Margaret (POL)" <Margaret.Sullivan@pol.state.ma.us>
> **Cc:** "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>, "Kelly, Edward (POL)" <Edward.Kelly@pol.state.ma.us>, "Hernandez, Oscar (POL)" <Oscar.Hernandez@pol.state.ma.us>, "Weldon, Stephen (POL)" <Stephen.Weldon@pol.State.MA.US>, "Griffin, Daniel (POL)" <daniel.griffin@MassMail.State.MA.US>
> **Subject: RE: BOSS update**
>
> Hi Brian,
>
> Before this update, On computers that needed access to LPR reporting, we have a copied a folder called "SA Client" and "SA.UI" within that folder, we create a shortcut to that file and that eliminated installation of any program.
>
> But I have tried the link that you have provided us and I'm getting an error message in Spanish during the installation! (Please see below) What I get from it, it need .Net. 4.5.2 but my computer already has 4.7 installed on it. I also tried to install it on Watchcenter computers and I got the same error message in Spanish and .Net 4.5.2 wont install on top of the current version of 4.7
>
> Also translation of other part of the error message is that:
>
> "The Microsoft .NET Framework 4.5.2 installation is not supported on this operating system. Please contact the administrator."
>
> I have CC Lt. Griffin on this email, since he has done many installation of the old one too and all his stations are also effected too.





Error de comprobación de los requisitos previos del componente del sistema Microsoft .NET Framework 4.5.2 (x86 y x64) con el siguiente mensaje: "La instalación de Microsoft .NET Framework 4.5.2 no se admite en este sistema operativo. Póngase en contacto con el administrador."

Vea el archivo de registro de la instalación que se encuentra en 'C:\Users\MJACKS~1\AppData\Local\Temp\VSD1947.tmp\install.log' para obtener más información.

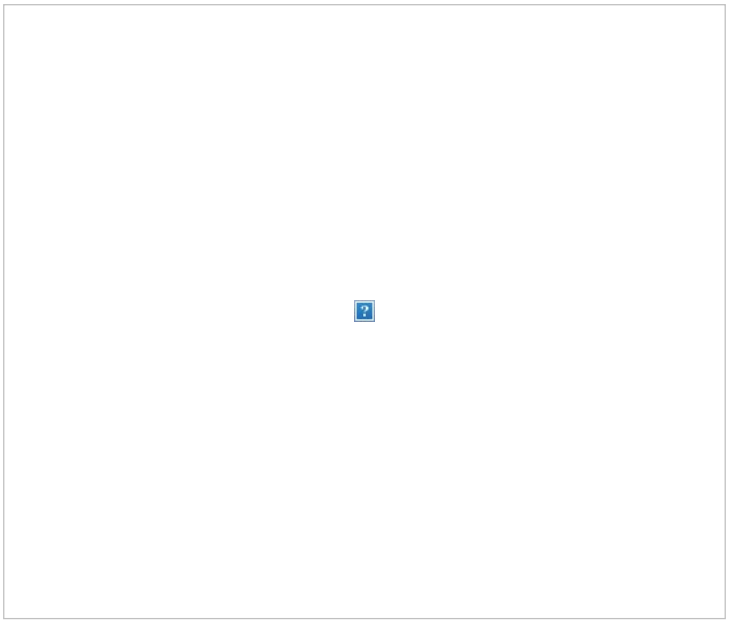
From: Egnitz, Brian (POL) <brian.egnitz@pol.state.ma.us>
Sent: Monday, March 11, 2019 9:58 PM
To: Sullivan, Margaret (POL) <Margaret.Sullivan@pol.state.ma.us>
Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Kelly, Edward (POL) <Edward.Kelly@pol.state.ma.us>; Hernandez, Oscar (POL) <Oscar.Hernandez@pol.state.ma.us>; Weldon, Stephen (POL) <Stephen.Weldon@pol.State.MA.US>; Ghasemi, Kiarash (POL) <Kiarash.Ghasemi@pol.state.ma.us>
Subject: BOSS update

Hi Peg,

The BOSS ALPR application has been updated in case you get some calls regarding ALPR. The client can be updated using the url below if it doesn't do it automatically. Configure IP and port as below.

-Brian

http://[redacted]9988/publish.htm



Brian Egnitz
Commonwealth Fusion Center
Massachusetts State Police
Phone: 978-451-3710 (Maynard) 508-988-7302 (GHQ)
Email: Brian.Egnitz@massmail.state.ma.us
Monday - Friday, 8 to 4

CONFIDENTIALITY NOTICE: *The information contained in this email and any attachment is privileged and confidential law enforcement information. If you have received this email in error, please call 978-451-3700 immediately. Thank you.*

From: Quinn, Dermot (POL)
To: John Tedona; Egnitz, Brian (POL); Warren, Rosemary (POL)
Subject: FW: BOSS update
Date: Friday, July 19, 2019 12:29:07 PM
Attachments: PIPS Boss Specifications 06222018.pdf
image001.png
image002.png
image003.png
image004.png
image005.png

John

Brian is vacation this week and I am heading out next week. I just wanted to get this over to you for review and to keep the ball rolling.

Thanks

Dermot

Lieutenant Colonel Dermot J. Quinn #1765
Division Commander
Division of Homeland Security & Preparedness
Massachusetts State Police

From: Mitchell, Timothy (EPS) <timothy.mitchell@mass.gov>
Sent: Friday, July 19, 2019 11:11 AM
To: Egnitz, Brian (POL) <brian.egnitz@pol.state.ma.us>
Cc: Stockwell, Matt (EPS) <matt.stockwell@mass.gov>; Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Slater, James (CHS) <james.slater@mass.gov>
Subject: RE: BOSS update

Brian
My apologies on the delayed response. What we are looking for from a SQL DBA or Neology/PIPS is a two-pronged database storage design that is more detailed and extends further beyond the "Server Specifications/Database Sizing" document (attached) that we were provided with when we provisioned the new database server last year.

Specifically, we would be looking for the first design to show what their recommended SQL Database File & File Group layout would be distributed among specified volumes for file types (Database & Logs). Does the vendor or SQL DBA want to break the primary file group into multiple files, or do they want to spread things out over different volumes? In either case what are the propose planned file/volume sizes.

We built the new DB server based on their 14TB sizing guideline with a 21TB volume designed on to our SAN. What is the next design level to store the 1 year agreed upon reads in the Public Safety Data Center?

I think that we had discussed the potential of the purchase of additional SAN space in the current PSDC SAN environment. If that purchase is to go forward how would the SQL DBA or Neology/PIPS propose that we deal with the expansion of additional storage. Would that need to be an updated design/expansion on the updated design to deal with the current growth or is there a way to add additional database storage volumes that maintain the same application performance they desire.

So, in short a storage design that deals with the current environment and a storage design that would deal with an expanded environment.

In regards to the SHI contract, from what I understand SHI and Neology have not been able to work out an agreement between themselves so SHI is not able to resell anything to us at this point.

We would be happy to participate in a call next week if folks are available.

Thanks

Timothy Mitchell
Massachusetts Executive Office of Public Safety and Security
Office of Technology and Information Services
Enterprise and Field Services Support Division
Public Safety Data Center
200 Arlington St., Suite 2200
Chelsea, MA 02150
(P) 617.660.4665
(F) 617.884.4601
(E) timothy.mitchell@state.ma.us
http://www.mass.gov/eops

From: Egnitz, Brian (POL) <brian.egnitz@pol.state.ma.us>
Sent: Thursday, July 11, 2019 5:57 PM
To: Mitchell, Timothy (EPS) <timothy.mitchell@mass.gov>
Cc: Stockwell, Matt (EPS) <matt.stockwell@mass.gov>; Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Slater, James (CHS) <james.slater@mass.gov>
Subject: Re: BOSS update

Hi Tim,

I can assist coordinating, however like you guys we have a number of projects that we are actively working and I'm not sure if I can coordinate something before the storage fills.

Do you have a specific list of questions you need answered, or is there just general concern about the size of the SQL database and allowing it to continue to grow? I'd like to craft the questions for Neology. It will help guide the resources needed from their team; for example they have a cloud option, which could be a good long term solution. Neology is also in-between builds and the new software has different requirements and is coming out of beta soon.

Once we identify the things your interested in we can host a call or meeting with everyone, the timing will be good. There's a appeal in the Cape which may require everyone to get a search warrant for reads. Depending on which way the appeal goes we may not have LPR log after.

Long term, we may want to be vendor agnostic and look at open source for an LPR interagency sharing platform like Navy's Leopard. New players are making inroads in Mass and want to contribute. Genetec is gaining traction on there ALPR, also OPENAlpr and analytics on Cameras at the edge. Everyone wants to license the backend storage system.

BTW - What happened with SHI, do you want me to see if we can get BCM to resell, we've been purchasing our new LPR cameras through them and this would just be an extension of that.

-Brian

On Jul 11, 2019, at 4:49 PM, Mitchell, Timothy (EPS) <timothy.mitchell@mass.gov> wrote:

> Good afternoon
> We have reviewed the request and while it is possible to throw more storage at this database, we are curious to know if the vendor has a standard sql database plan for databases this large. We are unsure if it is best to continue to add space or if there is some other recommendation that should be followed in this instance.
>
> Unfortunately we don't have a dba on this side that could review and tell us if adding more storage is the best practice. Additionally, Neology hasn't been put under a contract because they haven't been able to work out an agreement with the reseller (SHI) so we don't have them on a regular schedule to review and provide their recommendations.
>
> Would you be able to coordinate a review by Neology to give us their best practice for a long term setup?
>
> Thanks
>
> Sent from my iPhone
>
> On Jul 2, 2019, at 1:30 PM, Egnitz, Brian (POL) <brian.egnitz@pol.state.ma.us> wrote:
>
>> Just a friendly reminder, we have 18% left in ALPR storage. I estimate we will fill up towards the end of Aug. I don't anticipate the L drive to be used because the DB is in simple recovery mode, maybe that can be moved over.
>>
>> -Brian<image001.png>
>>
>> ---
>> **From:** Mitchell, Timothy (EPS)
>> **Sent:** Wednesday, June 5, 2019 8:39 AM
>> **To:** Egnitz, Brian (POL)
>> **Cc:** Stockwell, Matt (EPS); Quinn, Dermot (POL); Slater, James (CHS)
>> **Subject:** Re: BOSS update
>>
>> Good morning
>> We will review and be back in touch.
>> Thanks
>>
>> Sent from my iPhone
>>
>> On Jun 4, 2019, at 3:33 PM, Egnitz, Brian (POL) <brian.egnitz@pol.state.ma.us> wrote:
>>
>>> Hi Tim and Matt,
>>>
>>> We had an issue on the BOSS server today that I wanted to make you aware of. The application was unable to write to the database. The problem was resolved by putting the database into single user mode and setting the below to auto grow. This setting appears in a different area from the earlier versions of SSMS, so I wanted to pass it along. I also did some analysis on the BOSS LPR server for planning purposes and I believe it could fill up in 4 months. Please see the charts below, I've estimated each read size to be approximately 175KB. In addition, we have 15 fixed readers in the pipeline over the next year. This will also increase the storage needs. I'll also put in a ticket requesting additional storage.
>>>
>>> Thanks, Brian
>>>
>>> <image001.png>
>>>
>>> <image005.png>
>>>
>>> <image006.png>
>>>
>>> Avg. TB used each

Month
1.4

Space Currently Available (TB)
5.22

Number of Months estimated when full
4

Month	Year	Month Name	Reads Count
6	2018	June	7,749,461
7	2018	July	9,089,463
8	2018	August	11,289,346
9	2018	September	9,117,381
10	2018	October	7,475,117
11	2018	November	6,324,582
12	2018	December	6,249,972
1	2019	January	6,371,376
2	2019	February	5,856,236
3	2019	March	7,820,906
4	2019	April	9,562,679
5	2019	May	12,039,871
6	2019	June	577,449
			99,523,839

From: Egnitz, Brian (POL)
Sent: Tuesday, March 12, 2019 4:14 PM
To: Stockwell, Matt (EPS); Mitchell, Timothy (EPS)
Subject: RE: BOSS update

From: Stockwell, Matt (EPS)
Sent: Tuesday, March 12, 2019 4:14 PM
To: Egnitz, Brian (POL); Mitchell, Timothy (EPS)
Subject: RE: BOSS update

Hi Brian –

If there was an attachment or additional details on the sizing they did not come through via e-mail.

Matt

From: Egnitz, Brian (POL)
Sent: Tuesday, March 12, 2019 3:04 PM
To: Mitchell, Timothy (EPS) <timothy.mitchell@mass.gov>; Stockwell, Matt (EPS) <matt.stockwell@mass.gov>
Subject: FW: BOSS update

FYI

From: John Tedona [mailto:jtedona@neology.net]
Sent: Tuesday, March 12, 2019 11:00 AM
To: Egnitz, Brian (POL)
Cc: Michael Roth
Subject: RE: BOSS update

Brian,

Here's the recommended sizing criteria for the application and database servers. With more fixed cameras pushing data to BOSS it's highly recommended you keep this sizing criteria in mind.

John Tedona
PIPS TECHNOLOGY - A Neology Business
Sales Manager
12760 Danielson Ct. Suite A
Poway, CA 92064
Phone: 201-841-6237
Email: jtedona@neology.net
PIPS Support: support@pipstechnology.com 833-747-7577, Option 1 for sales, Option 2 for Support
www.pipstechnology.com

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Tuesday, March 12, 2019 10:49 AM
To: Michael Roth <mroth@neology.net>
Cc: Peter Crary <pcrary@neology.net>; Israel Padilla <ipadilla@neology.mx>; Michell Itallekzi Garcia Garcia <colaborador6@neopartners.mx>; Mitchell, Timothy (EPS) <timothy.mitchell@state.ma.us>; John Tedona <jtedona@neology.net>; PIPS Technology Support <support@pipstechnology.com>; Quinn, Dermot (POL) <dermot.quinn@state.ma.us>; Clarke, Shannon (EPS) <shannon.clarke@state.ma.us>

Subject: RE: BOSS update

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks Mike, Ive sent that to the tech. here is the license key. I saw the 5 concurrent number in the boss log folder

---

From: Michael Roth [mailto:mroth@neology.net]
Sent: Tuesday, March 12, 2019 10:33 AM
To: Egnitz, Brian (POL); Peter Crary; Israel Padilla; Michell Itallekzi Garcia Garcia; Mitchell, Timothy (EPS); John Tedona; PIPS Technology Support; Quinn, Dermot (POL); Clarke, Shannon (EPS)
Subject: RE: BOSS update

Can you send me screen shoot of the licenses.

That error occurs when using other browser than IE.

1. Prerequisites needed to successful install of BossUI client, the below settings pertain to OS where client is being installed.
   a. "Active Scripting" needs to be enabled in Windows "Internet Options"- "Security"- "Internet"- "Custom level". (This setting is for Bing maps to function).
   b. Can you add http:// address to "Local Intranet" in Intranet Zones Sites. (This can be taken out after installation as it is only needed for deployment).

2. Internet Explorer must be use.

<image007.png>Michael B. Roth
ALPR Technician
O: 858.391.0260 Ext. 1234
C: 513.767.7610
mroth@neology.net
A NEOLOGY Business
www.pipstechnology.com

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Tuesday, March 12, 2019 7:06 AM
To: Peter Crary <pcrary@neology.net>; Michael Roth <mroth@neology.net>; Israel Padilla <ipadilla@neology.mx>; Michell Itallekzi Garcia Garcia <colaborador6@neopartners.mx>; Mitchell, Timothy (EPS) <timothy.mitchell@state.ma.us>; John Tedona <jtedona@neology.net>; PIPS Technology Support <support@pipstechnology.com>; Quinn, Dermot (POL) <dermot.quinn@state.ma.us>; Clarke, Shannon (EPS) <shannon.clarke@state.ma.us>
Subject: RE: BOSS update

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

I addition, I believe we may need a new license file. The logs say "5 concurrent" licenses available.

From: Egnitz, Brian (POL)
Sent: Tuesday, March 12, 2019 6:43 AM
To: Peter Crary; Michael Roth; Israel Padilla; Michell Itallekzi Garcia Garcia; Mitchell, Timothy (EPS); John Tedona; PIPS Technology Support; Quinn, Dermot (POL); Clarke, Shannon (EPS)
Subject: Fwd: BOSS update

Hi guys,

Is there an updated client? This on appears to be calling the Spanish version of dot net, it's also not using the updated version already installed. Do you have one that is properly signed too???

Begin forwarded message:

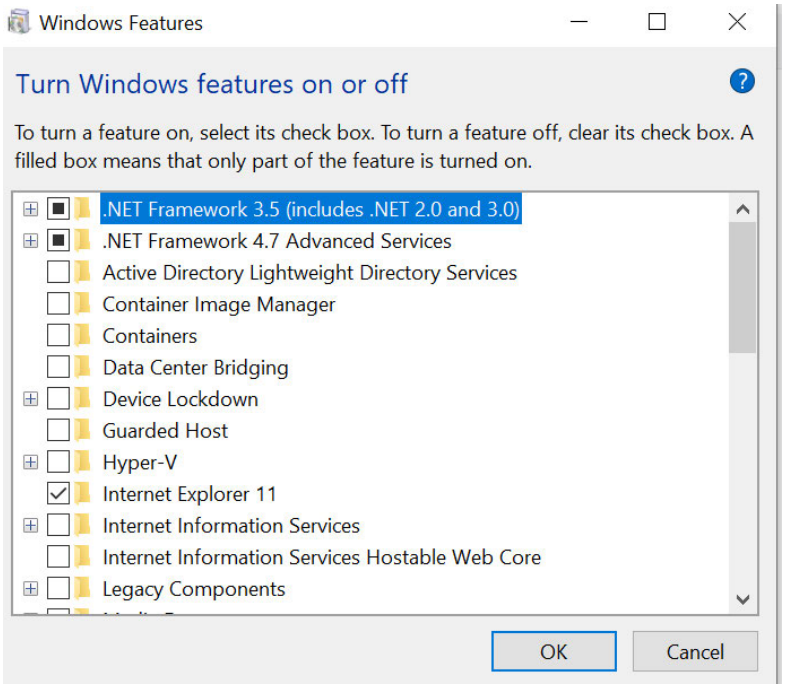
> **From:** "Ghasemi, Kiarash (POL)" <Kiarash.Ghasemi@pol.state.ma.us>
> **Date:** March 11, 2019 at 10:35:38 PM EDT
> **To:** "Egnitz, Brian (POL)" <brian.egnitz@pol.state.ma.us>, "Sullivan, Margaret (POL)" <Margaret.Sullivan@pol.state.ma.us>
> **Cc:** "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>, "Kelly, Edward (POL)" <Edward.Kelly@pol.state.ma.us>, "Hernandez, Oscar (POL)" <Oscar.Hernandez@pol.state.ma.us>, "Weldon, Stephen (POL)" <Stephen.Weldon@pol.State.MA.US>, "Griffin, Daniel (POL)" <daniel.griffin@MassMail.State.MA.US>
> **Subject: RE: BOSS update**
>
> Hi Brian,
>
> Before this update, On computers that needed access to LPR reporting, we have a copied a folder called "SA Client" and "SA.UI" within that folder, we create a shortcut to that file and that eliminated installation of any program.
>
> But I have tried the link that you have provided us and I'm getting an error message in Spanish during the installation! (Please see below) What I get from it, it need .Net. 4.5.2 but my computer already has 4.7 installed on it. I also tried to install it on Watchcenter computers and I got the same error message in Spanish and .Net 4.5.2 wont install on top of the current version

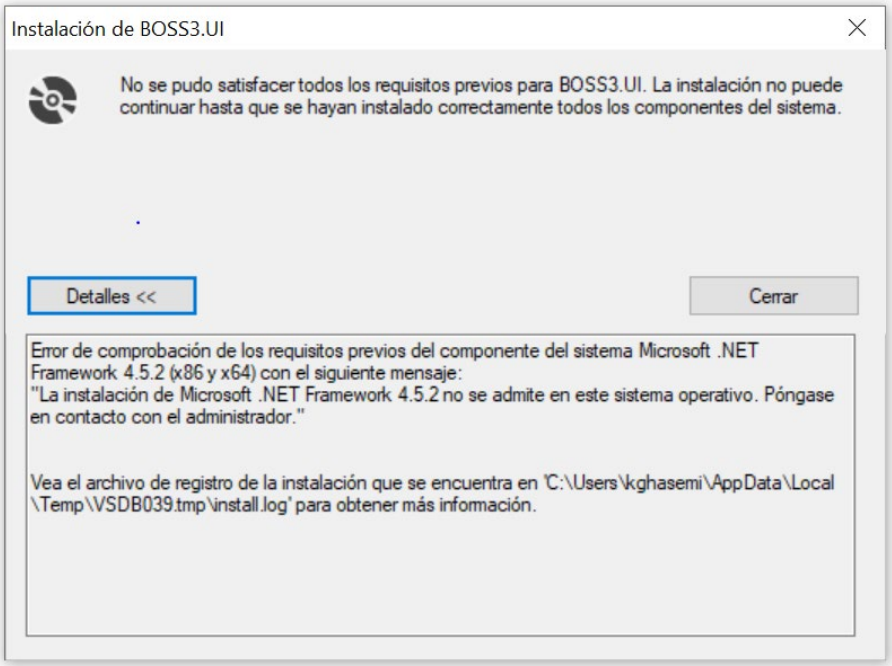
of 4.7

Also translation of other part of the error message is that:

"The Microsoft .NET Framework 4.5.2 installation is not supported on this operating system. Please contact the administrator."

I have CC Lt. Griffin on this email, since he has done many installation of the old one too and all his stations are also effected too.





Error de comprobación de los requisitos previos del componente del sistema Microsoft .NET Framework 4.5.2 (x86 y x64) con el siguiente mensaje:

"La instalación de Microsoft .NET Framework 4.5.2 no se admite en este sistema operativo. Póngase en contacto con el administrador."

Vea el archivo de registro de la instalación que se encuentra en 'C:\Users\MJACKS~1\AppData\Local\Temp\VSD1947.tmp\install.log' para obtener más información.

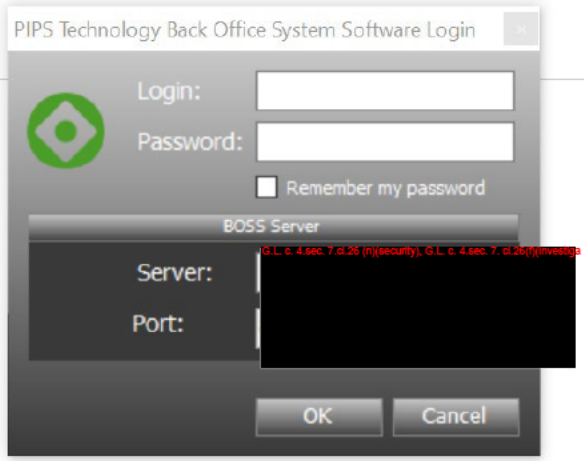
From: Egnitz, Brian (POL) <brian.egnitz@pol.state.ma.us>
Sent: Monday, March 11, 2019 9:58 PM
To: Sullivan, Margaret (POL) <Margaret.Sullivan@pol.state.ma.us>
Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Kelly, Edward (POL) <Edward.Kelly@pol.state.ma.us>; Hernandez, Oscar (POL) <Oscar.Hernandez@pol.state.ma.us>; Weldon, Stephen (POL) <Stephen.Weldon@pol.State.MA.US>; Ghasemi, Kiarash (POL) <Kiarash.Ghasemi@pol.state.ma.us>
Subject: BOSS update

Hi Peg,

The BOSS ALPR application has been updated in case you get some calls regarding ALPR. The client can be updated using the url below if it doesn't do it automatically. Configure IP and port as below.

-Brian

http://[redacted]9988/publish.htm



Brian Egnitz
Commonwealth Fusion Center
Massachusetts State Police
Phone: 978-451-3710 (Maynard) 508-988-7302 (GHQ)
Email: Brian.Egnitz@massmail.state.ma.us
Monday - Friday, 8 to 4

CONFIDENTIALITY NOTICE: *The information contained in this email and any attachment is privileged and confidential law enforcement information. If you have received this email in error, please call 978-451-3700 immediately. Thank you.*

From: Slater, Michael (POL)
To: Teevens, Richard (POL)
Subject: Fw: BOSS User Manual
Date: Sunday, November 3, 2019 5:58:29 AM
Attachments: BOSS_3.2x_User_Manual_final.pdf

Michael K. Slater
State Police Dispatcher III, ID# C295
Troop-H Communications
50 MassPort Haul Road
South Boston, MA 02110
Tel: 617-946-3079
Fax: 617-946-0955

From: Slater, Michael (POL)
Sent: Friday, November 1, 2019 9:15 AM
To: 'McDonough, John (john.mcdonough@pol.state.ma.us)' <john.mcdonough@pol.state.ma.us>
Subject: BOSS User Manual

Michael K. Slater
State Police Dispatcher III
Troop-H Communications
50 Massport Haul Road
South Boston, MA 02210
Tel: (617) 946-3079
Fax: (617) 946-0955

From:	Edward Kulhawik
To:	Wack, Peter M.; Dave Guillemette; Woodside, Dennis R.; Kulhawik, Edward; Frederickson, Frank; Heath Eldredge; Mawn, Jack (CPI); Plath, James (POL); jcalise@truro-ma.gov; James Cummings, Sheriff; Golden, Jim; Trudeau, Michael (CPI); mpawlina@chatham-ma.gov; DiMatteo, Peter; Fisette, Ronald L.; Scott Carline; MacDonald, Scott; sonnabendm@barnstablepolice.com; wpittman@police.nantucket-ma.gov
Cc:	Clayton, Kevin (EEA)
Subject:	FW: Bridge Camera Case
Date:	Friday, June 21, 2019 1:38:50 PM
Attachments:	image002.png McCarthy Interloc opposition.docx ATT00001.htm defendant interloc mccarthy.pdf ATT00002.htm mccarthy opinion.pdf ATT00003.htm

Gentleman:

Here is the information regarding the case on the plate reader.

Thanks

Chief Edward V. Kulhawik
Eastham Police Department
2550 State Highway
Eastham, Mass. 02642

PH: 508-255-0551
FAX: 508-255-5412

FBINA **SESSION #184**

"Leadership and learning are indispensable to each other."
John Fitzgerald Kennedy

From: Trudeau, Michael (DAA) <michael.trudeau@state.ma.us>
Sent: Friday, June 21, 2019 1:35 PM
To: Edward Kulhawik <ekulhawik@eastham-ma.gov>
Subject: Bridge Camera Case

Hi Chief, Could you please forward this to the group? This is the requested information on the plate reader case.Thanks,Mike

---

From: Sweeney, Elizabeth (CPI)
Sent: Friday, June 21, 2019 1:04 PM
To: Trudeau, Michael (CPI)
Cc: Carey, Liz (CPI)

Subject: Fwd: McCarthy

McCarthy interlocutory, my opposition, and the judges opinion attached. This is just a thumbnail of the issue, will be addressed in more detail in my brief. Case will be argued October 2nd, 9 AM in a special sitting of the SJC in Barnstable Superior. We have two cases on that day- also Robert Upton! Will be very interesting. Thank you!
Beth

Sent from my iPhone

From:	Egnitz, Brian (POL)
To:	Range, Scott (POL)
Subject:	FW: CFC ALPR Program Overview.docx
Date:	Friday, August 23, 2019 2:15:00 PM
Attachments:	CFC ALPR Program Overview.docx.doc ALPR DCJIS Policy - Final 20131008.pdf LPR MOU V2.doc IACP License Plate Readers Policy.pdf SOC-11 Automatic License Plate Recognition.doc

---

From: Egnitz, Brian (POL)
Sent: Friday, May 25, 2018 8:44 AM
To: Range, Scott (POL)
Subject: FW: CFC ALPR Program Overview.docx

From: Mason, Christopher (POL)
Sent: Wednesday, May 31, 2017 6:20 AM
To: Egnitz, Brian (POL); Griffin, Daniel (POL)
Subject: CFC ALPR Program Overview.docx

Sirs,

The D/S tasked me with providing him an overview of the CFC ALPR program.(current and proposed ALPR assets, retention time, hotlist creation and notification, database location and contribution, etc.) Please see the attached CFC Overview doc. If you could do a quick read through and provide any corrections or feedback , I would appreciate it. I have a high noon deadline today for submission.

Dan, Do you have numbers on how many ALPR cameras DFS has out on the road. If so, I can add that.

Sorry for the short turnaround time. Thanks again.

Major Christopher S. Mason, #2401
Division of Investigative Services
Massachusetts State Police
Commonwealth Fusion Center

From:	Egnitz, Brian (POL)
To:	Quinn, Dermot (POL)
Subject:	FW: CFC ALPR Program Overview.docx
Date:	Monday, September 30, 2019 1:51:00 PM
Attachments:	CFC ALPR Program Overview.docx.doc ALPR DCJIS Policy - Final 20131008.pdf LPR MOU V2.doc IACP License Plate Readers Policy.pdf SOC-11 Automatic License Plate Recognition.doc

---

From: Egnitz, Brian (POL)
Sent: Friday, August 23, 2019 2:16 PM
To: Range, Scott (POL)
Subject: FW: CFC ALPR Program Overview.docx

From: Egnitz, Brian (POL)
Sent: Friday, May 25, 2018 8:44 AM
To: Range, Scott (POL)
Subject: FW: CFC ALPR Program Overview.docx

From: Mason, Christopher (POL)
Sent: Wednesday, May 31, 2017 6:20 AM
To: Egnitz, Brian (POL); Griffin, Daniel (POL)
Subject: CFC ALPR Program Overview.docx

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Dan, Do you have numbers on how many ALPR cameras DFS has out on the road. If so, I can add that.

Sorry for the short turnaround time. Thanks again.

Major Christopher S. Mason, #2401
Division of Investigative Services
Massachusetts State Police
Commonwealth Fusion Center

From: Foley, Kristine (POL)
To: Buxton, Kristen (EAS)
Cc: Labarge, Robert (EAS)
Subject: FW: CFC Presentation
Date: Wednesday, May 22, 2019 1:51:00 PM
Attachments: CFC Presentation Essex Homicide Investigators Class 5-2019.pdf

---

Hi Kristen!

I just sent this to Sgt Labarge a little while ago … I'm sorry, I was going to send it to you directly after our conversation yesterday but I couldn't recall your last name. Please let me know if you need anything else.

Thanks!
Kristine

From: Foley, Kristine (POL)
Sent: Wednesday, May 22, 2019 1:31 PM
To: Labarge, Robert (EAS)
Subject: CFC Presentation

Hi!

I have attached some of the slides from my presentation yesterday that I thought may be useful for the attendees. I know you guys were planning on giving each of them a thumb drive with resources on it … if you want to include this , please feel free!

Thanks!
Kristine

From: Range, Scott (POL)
To: Quinn, Dermot (POL)
Cc: Egnitz, Brian (POL); Warren, Rosemary (POL)
Subject: FW: DCJIS
Date: Monday, September 30, 2019 2:05:13 PM
Attachments: ALPR DCJIS Policy - Final 20131008 (2).pdf

From: Egnitz, Brian (POL)
To: Crouse, David (POL)
Subject: FW: Genetec FlexReader
Date: Thursday, March 14, 2019 2:48:32 PM
Attachments: image001.png
image002.png
image003.png
image004.png
Flexreader Datasheet.pdf
Flexreader Camera Considerations.pdf
RE Genetec FlexReader.msg

From: Fecteau, Robert [mailto:fecteaur@bcmcontrols.com]
Sent: Thursday, March 14, 2019 1:47 PM
To: Egnitz, Brian (POL)
Subject: Genetec FlexReader

Brian,
Attached, please find the information that we discussed last week on Genetec's 'FlexReader' LPR analytic. We've requested that a 90-day demo connection be added to MSP's existing Genetec license, and will be forwarding it along as soon as we have it.

Genetec has one camera model that they've certified/tested with FlexReader, but any Genetec-compatible camera (like the Axis one you have) can be used if it meets with the requirements of the attached guide.

Please remember that this guide was developed for a sort of "poor man's" fixed LPR solution, and was created without the mobile/covert concept that you're attempting in-mind (i.e. the references to IR).

FYI,
Bob

COMFORT SYSTEMS USA
BCM Controls Corporation

BOB FECTEAU
VICE PRESIDENT - STRATEGIC BUSINESS
(781) 897-5152 DIRECT
(781) 879-9554 MOBILE

From: Egnitz, Brian (POL)
To: Quinn, Dermot (POL); Crouse, David (POL)
Subject: FW: Hello and Happy New Year
Date: Wednesday, January 9, 2019 9:48:11 AM
Attachments: image001.png
KSI-OpenALPR Deck DOS-AAB.pdf
image002.png

I'm going to try and meet with the rep either tomorrow or Friday. Let me know if your interested.

-Brian

From: Dave Brown [mailto:dave.brown@Globalpublicsafety.us]
Sent: Wednesday, January 9, 2019 9:32 AM
To: Egnitz, Brian (POL)
Subject: Hello and Happy New Year

Hi Brian, I hope everything is going great at the MSP! I am working for Global Public Safety now and our sister company is big in ALPR as well as speed and move over cameras that also attach citations. They have a product that enables all IP cameras to function as ALPRs. Is something you have any interest in? I have a technical rep in the area Thursday and Friday if you are interested in a quick 30 min coffee discussion to kick the tires. I have attached a small powerpoint that discuss what the system does. This system works with the Neology system you have.

If you are unavailable we can plan another time if you have any interest.

Thank you

Dave Brown
Director Mobile Technology
Global Publc Safety
240-904-4307
Dave.brown@globalpublicsafety.us

From: Losardo, Donna (POL)
To: Ryan, Kristin (POL)
Subject: Fw: Invitation Letter for Regional Trafficking Summit 1/28 - 1/29/19
Date: Monday, January 7, 2019 10:59:31 AM
Attachments: Gilpin.pdf
ATT00001.htm

Do you have this?

Detective Lieutenant Donna Losardo #2395
Chief of Staff
Office of the Superintendent
Office: 508-820-2351
Cell: 781-[redacted] [illegible]

The information transmitted is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited.

From: Gilpin, Kerry (POL)
Sent: Saturday, December 22, 2018 3:23 PM
To: Losardo, Donna (POL)
Subject: Fwd: Invitation Letter for Regional Trafficking Summit 1/28 - 1/29/19

FYI

Sent from my iPhone

Begin forwarded message:

> **From:** MARLENE WHEELER <LPPWHEEM@gw.njsp.org>
> **Date:** December 20, 2018 at 13:53:58 EST
> **To:** <kerry.gilpin@pol.state.ma.us>
> **Subject: Re: Invitation Letter for Regional Trafficking Summit 1/28 - 1/29/19**

Marlene Wheeler
Secretarial Assistant 3
Office of the ROIC
609-963-6900 Ext. 6793

>>> MARLENE WHEELER 12/20/2018 1:36 PM >>>

>>> MARLENE WHEELER 12/20/2018 1:34 PM >>>

Marlene Wheeler
Secretarial Assistant 3
Office of the ROIC
609-963-6900 Ext. 6793

>>> MARLENE WHEELER 12/20/2018 1:33 PM >>>

>>> MARLENE WHEELER 12/20/2018 1:32 PM >>>
On Monday, January 28, and Tuesday, January 29, 2019, the NJSP, NYPD, and NNJUASI, facilitated by the Rutgers University Center on Policing, will host a Regional Trafficking Summit. This two-day summit will gather 12 state police superintendents, 12 major city chiefs, and numerous federal agencies with responsibilities along the I-95 corridor between Richmond, VA, Washington, DC, and Boston, MA, to discuss the feasibility and productivity of linking and sharing ALPR data. Establishing this linkage across the northeast region of the United States would immeasurably increase our effectiveness in addressing issues of counter terrorism, drug trafficking, weapons trafficking, Amber and Silver Alerts, plus other threats to the public safety of our respective states.

Please find the attached letter from Colonel Patrick Callahan for further information and details.

Marlene Wheeler
Secretarial Assistant 3
Office of the ROIC
609-963-6900 Ext. 6793

CONFIDENTIALITY NOTICE The information contained in this communication from the Division of State Police is privileged and confidential and is intended for the sole use of the persons or entities who are the addressees. If you are not an intended recipient of this e-mail, the dissemination, distribution, copying or use of the information it contains is strictly prohibited. If you have received this communication in error, please immediately contact the Division of State Police at (609) 882-2000 to arrange for the return of this information.

From: Tapis, Stephen C (POL)
To: akillion@azdps.gov
Subject: FW: License Plate Readers
Date: Tuesday, October 29, 2019 2:33:00 PM
Attachments: TRF-11 Automatic License Plate Recognition Revised 10-1-2019.pdf

---

Good afternoon-

As requested, please find attached the Massachusetts State Police's Policy for LPRs.

Respectfully-
Stephen

Trooper Stephen Tapis #3888
Massachusetts State Police
Strategic Planning Section
470 Worcester Road
Framingham, MA 01702
(508) 820-2309

The information transmitted is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited

---

From: spppo@theiacp.simplelists.com <spppo@theiacp.simplelists.com> **On Behalf Of** planning
Sent: Tuesday, October 22, 2019 5:34 PM
To: SPPPO <spppo@theiacp.simplelists.com>; SPPPO <spppo@mail.iacplist.org>
Cc: Angela Killion <akillion@azdps.gov>
Subject: License Plate Readers

Good afternoon everyone!

The Arizona Department of Public Safety is requesting information on License Plate Readers (LPRs).
If any of you have policies in place for LPRs, we would love if you could share them with us.

Please send your responses directly to akillion@azdps.gov

Responses are requested by Tuesday, November 5th. Your help is greatly appreciated!

Thank you.

Research & Planning Unit
Arizona Department of Public Safety
PO Box 6638, Mail Drop 1205
Phoenix, AZ 85005

(602) 223-2314/2664
To unsubscribe from this list please go to http://www.simplelists.com/confirm.php?u=9mv4Gyll5dkrOXMe76VMdDzLSEqGmvHo

From:	Egnitz, Brian (POL)
To:	Sweeney, Elizabeth (CPI)
Cc:	Mason, Christopher (POL); Quinn, Dermot (POL); Dowd, Philip (POL) (philip.dowd@pol.state.ma.us); Halpin, Michael (POL); Mawn, Jack (CPI)
Subject:	FW: McCarthy
Date:	Thursday, June 20, 2019 7:55:00 AM
Attachments:	McCarthy Interloc opposition.docx defendant interloc mccarthy.pdf mccarthy opinion.pdf

Thanks Beth,

I've looped in members of the Department that LTC. Quinn recommend for the meeting. Realizing your tight time frame, I purpose a day between 7/15 - 7/26. Can everyone please provide any dates that work during that time period.

Thanks, Brian

From: Sweeney, Elizabeth (CPI)
Sent: Wednesday, June 19, 2019 1:03 PM
To: Egnitz, Brian (POL); Mawn, Jack (CPI)
Subject: McCarthy

I attached the defendant's initial petition, my opposition, and the judge's opinion. Keep in mind that with an interlocutory, so it's a thumbnail of the larger brief I will be writing. I have a contact that I am going to reach out to for the SCA/ECPA argument, she teaches SCA at the cybercrime conference, and might be helpful if she can call in. Thank you for the call- and I look forward to the meeting and assistance. I have lots of technical questions and want to make sure we are all presenting our best case. I'll reach out to Chris Kelly at the AG's office. Once I get the defendant's brief I will send it around.
Thank you,
Beth

From: Thibault, Amy (POL)
To: Range, Scott (POL)
Subject: FW: Natick LPR Training
Date: Monday, September 23, 2019 11:12:51 AM
Attachments: Program Welcome Letter (1).pdf
VS-LPRTraining-Flyer-ELPR.pdf

From: Bender, Sean (POL) <Sean.Bender@pol.state.ma.us>
Sent: Monday, September 23, 2019 10:00 AM
To: Thibault, Amy (POL) <amy.thibault@pol.state.ma.us>
Cc: Smith, Eleanor (POL) <Eleanor.Smith@pol.state.ma.us>; Chandler, Brittany (POL) <Brittany.Chandler@pol.state.ma.us>; Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>
Subject: Fw: Natick LPR Training

Good Morning,

Per below, I was forwarded this by Carol Fitzgerald RE: Natick PD's deployment of LPR at the mall up here on Route 9...

The Natick Police Department is holding a 4 hour training on the system this Thursday (9/26). Do you think that this is something that an analyst or two from the CFC might benefit from attending? I know that we've dabbled in Vigilant before as part of a trial, but where Natick PD is one of our neighbors here, perhaps this could be a good opportunity to connect on what LPR capabilities we might be able to share with them and vice versa? SP Framingham (H-2) has responded on the e-mail chain that they will be sending a Trooper.

In addition to my own personal interest in ALPR, I think there is value in keeping up with the technology that is out there, as well as which of our partner agencies have access to which resources, etc.

Figured that it couldn't hurt to float the idea...

Respectfully,

Sean Bender
Intelligence Analyst
Massachusetts State Police | Commonwealth Fusion Center
470 Worcester Road | Framingham | MA 01702
508-820-2233

From: Fitzgerald, Carol (POL) <Carol.Fitzgerald@pol.state.ma.us>
Sent: Monday, September 23, 2019 9:18 AM

To: Bender, Sean (POL) <Sean.Bender@pol.state.ma.us>; Mcgrath, Scott (POL) <scott.mcgrath@pol.state.ma.us>; Anthony Stevens <astevens@attleboropolice.org>; Franquiz, Andrew <Afranquiz@framinghamma.gov>; Brian Griffin <bgriffin@town.northborough.ma.us>; Paul Brown <pbrown@pd.shrewsburyma.gov>; Jones, Raymond (POL) <raymond.jones@pol.state.ma.us>
Cc: Ball, Richard (POL) <Richard.Ball@pol.state.ma.us>; Zona, Thomas (POL) <thomas.zona@pol.state.ma.us>
Subject: FW: Natick Mall

FYI ~

From: Ciara Maguire [mailto:maguire@hollistonpolice.com]
Sent: Thursday, September 19, 2019 3:08 PM
To: Sgt. Matthew Reardon; Jonathon Bussey; VanRaalten, Scott; Masiello, Frank; Fitzgerald, Carol (POL)
Subject: Natick Mall

The Natick Mall is deploying License Plate Recognition (LPR) equipment to enforce parking restrictions at their property. This deployment allows the LPR data to be shared with local law enforcement agencies in real time. While Natick Police Department will be responsible for handling all live alerts (stolen vehicles, suspects, missing persons, etc) from the NCIC list the data is a great resource to adjacent agencies.

From personal experience with this type of partnership I saw criminals using stolen credit cards from thefts in my area being used at the mall in the adjacent jurisdiction on a routine basis.. Additionally, access to the data will allow your agency to receive live alerts on suspects who you are attempting to locate when their plates are scanned at the mall. There are many other benefits to receiving access to this data.

I have attached several documents regarding the program and training that is set to take place at Natick Police Department on September 26 from 0800-1200. Feel free to call or email if you have any questions.

Thank you,

KYLE HOERTSCH
Director, Public Safety Client Relations
Sergeant, Sacramento Sheriff (Ret.)

Vigilant Solutions

m: 916-606-0450
e: kyle.hoertsch@vigilantsolutions.com

Your privacy is important to us. That is why we have taken appropriate measures to ensure the data you provide

to us is kept secure. To learn more about how we process your personal information, how we comply with applicable data protection laws, and care for the security and privacy of your personal data, please review our Privacy Policy. If you have any questions related to data protection and compliance with applicable laws, please contact us at our Security Operations Center at ***1-302-444-9838*** *or mail us at:*
Attention: Privacy Compliance Program, *P.O. Box 59263, Schaumburg, IL USA, 60159-0263*

From: Cunningham, Wayne
To: Albert Kevin (kalbert@town.canton.ma.us); Anderson Adrienne (aanderson@needhamma.gov); Barber Daniel (dbarber@stoughton-ma.gov); Bill McGrath (wmcgrath@police.wrentham.ma.us); Bob (Oakey) O"Connell (roconnell@police.wrentham.ma.us); Walsh, Robert; Brooks, William G. III; Carmichael John (jcarmichael@walpolepd.com); Colecchi Mike (mcolecchi@franklinma.gov); Connolly, Chris; Cunningham, Wayne; Curran, Peter (pcurran@norwoodma.gov); Derick Cassidy (dcassidy@police.wrentham.ma.us); D"Innocenzo, Mark; Dom Tiberi (dtiberimpd@yahoo.com); Don Murphy (dmurphy@westwoodpd.org); Doyle, M; Droney, Paul; Dunajski, Stan; Farioli, Mark (NFK); Farwell Matt (mfarwell@stoughtonpd.org); Flanagan Chris (cflanagan@norwoodma.gov); Floyd, Jim (jfloyd@police.plainville.ma.us); Gallagher, Bob; Gallerani, Brian; Gonski Deb (dgonski@police.dedham-ma.gov); Gover, John (jgover@norwoodma.gov); Grace, Michael; Greene Brendan (bgreene@norwoodma.gov); Griffin Kyle (kgriffin@walpolepd.com); Grover Rick (rgrover@franklinma.gov); Hartford John (jhartford@stoughtonpd.org); Hoffman Pat (phoffman@foxboroughpolice.com); James Barrett (jbarrett@police.wrentham.ma.us); John Schlittler (jschlittler@needhamma.gov); Keleher Tom (tkeleher@town.canton.ma.us); Kevin Lima (klima@stoughtonpd.org); Mahoney, Kevin; Lee Drake (ldrake@franklinma.gov); Lopes Tony (alopes@norwoodma.gov); Lucie, Anthony; Lynch, Dennis (NFK); Manocchio Mark (mmanocchio@franklinma.gov); Mark Bohnenberger; McLaughlin John (jmclaughlin@police.plainville.ma.us); Powers, Meaghan (NFK); Meneses James (jmeneses@norfolk.ma.us); Buckley, Michel; Nikolaides James (jnikolaides@police.dedham-ma.gov); O"Brien Jr. , Joe (obrienjr@needhamma.gov); Palladini Michelle (mpalladini@norfolk.ma.us); Pantazelos, Keith (NFK); Morrison, Pat; Paul Gallagher (pgallagher@town.canton.ma.us); Peter Kelly (pkelly@norwoodma.gov); Piro, Glen (gpiro@town.canton.ma.us); Quirk, Robert; Rich Kelleher (rkelleher@walpolepd.com); Porro, Rich; Rovaldi Matt (mrovaldi@townofsharon.org); Ryan, Paul; Schlittler, Mike; scoffey@townofsharon.org; Shelly Bento (mbento@medfield.net); Stokes, Derrick; Sullivan, Brian (POL); Tim Sullivan (tsullivan@walpolepd.com); Tolland Ian (itolland@walpolepd.com); Vinci, J; Welch, Bob (rwelch@stoughton-ma.gov)
Subject: FW: NORPAC LPR
Date: Wednesday, June 26, 2019 3:48:03 PM

Detectives,

Attached please find a link to a flyer for ALPR training that Wellesley PD is hosting July 31st at Babson College.

Wayne Cunningham
Detective Lieutenant
Wellesley Police Department
Bureau of Criminal Investigation
781-235-2208 Ext. 5
FBINA 191

From: Whittemore, Scott
Sent: Wednesday, June 26, 2019 1:10 PM
To: Cunningham, Wayne <wcunningham@wellesleyma.gov>
Subject: NORPAC LPR

LT-

Can you put this training out to your NORPAC list? The upside on this is that everyone who attends get 30 days free access to commercial data, and they will have some idea of what Wellesley can do for them in investigations.

Here's the link: https://vslea.org/default.aspx?act=EventBuilderViewList.aspx&tag=MA&listtype=public&category=&menuitemid=5&MenuGroup=Public

Thanks.

Scott Whittemore
Deputy Police Chief

Wellesley Police Department
485 Washington Street
Wellesley, Mass 02482
781-235-0062
@WellesleyPolice
FBINA #265

From: Cunningham, Wayne
To: Albert Kevin (kalbert@town.canton.ma.us); Anderson Adrienne (aanderson@needhamma.gov); Barber Daniel (dbarber@stoughton-ma.gov); Bill McGrath (wmcgrath@police.wrentham.ma.us); Bob (Oakey) O"Connell (roconnell@police.wrentham.ma.us); Walsh, Robert; Brooks, William G. III; Carmichael John (jcarmichael@walpolepd.com); Colecchi Mike (mcolecchi@franklinma.gov); Connolly, Chris; Cunningham, Wayne; Curran, Peter (pcurran@norwoodma.gov); Derick Cassidy (dcassidy@police.wrentham.ma.us); D"Innocenzo, Mark; Dom Tiberi (dtiberimpd@yahoo.com); Don Murphy (dmurphy@westwoodpd.org); Doyle, M; Droney, Paul; Dunajski, Stan; Farioli, Mark (NFK); Farwell Matt (mfarwell@stoughtonpd.org); Flanagan Chris (cflanagan@norwoodma.gov); Floyd, Jim (jfloyd@police.plainville.ma.us); Gallagher, Bob; Gallerani, Brian; Gonski Deb (dgonski@police.dedham-ma.gov); Gover, John (jgover@norwoodma.gov); Grace, Michael; Greene Brendan (bgreene@norwoodma.gov); Griffin Kyle (kgriffin@walpolepd.com); Grover Rick (rgrover@franklinma.gov); Hartford John (jhartford@stoughtonpd.org); Hoffman Pat (phoffman@foxboroughpolice.com); James Barrett (jbarrett@police.wrentham.ma.us); John Schlittler (jschlittler@needhamma.gov); Keleher Tom (tkeleher@town.canton.ma.us); Kevin Lima (klima@stoughtonpd.org); Mahoney, Kevin; Kiewlicz Andrew (akiewlicz@walpolepd.com); Lee Drake (ldrake@franklinma.gov); Lopes Tony (alopes@norwoodma.gov); Lucie, Anthony; Lynch, Dennis (NFK); Manocchio Mark (mmanocchio@franklinma.gov); Mark Bohnenberger; McLaughlin John (jmclaughlin@police.plainville.ma.us); Powers, Meaghan (NFK); Meneses James (jmeneses@norfolk.ma.us); Buckley, Michel; Nikolaides James (jnikolaides@police.dedham-ma.gov); O"Brien Jr. , Joe (obrienjr@needhamma.gov); Palladini Michelle (mpalladini@norfolk.ma.us); Pantazelos, Keith (NFK); Morrison, Pat; Paul Gallagher (pgallagher@town.canton.ma.us); Peter Kelly (pkelly@norwoodma.gov); Piro, Glen (gpiro@town.canton.ma.us); Quirk, Robert; Rich Kelleher (rkelleher@walpolepd.com); Porro, Rich; Rovaldi Matt (mrovaldi@townofsharon.org); Ryan, Paul; Schlittler, Mike; scoffey@townofsharon.org; Shelly Bento (mbento@medfield.net); Stokes, Derrick; Sullivan, Brian (POL); Tim Sullivan (tsullivan@walpolepd.com); Tolland Ian (itolland@walpolepd.com); Vinci, J; Welch, Bob (rwelch@stoughton-ma.gov)
Subject: FW: NORPAC LPR
Date: Monday, July 22, 2019 11:48:08 AM

Ladies and Gentlemen,

Attached please find a hyperlink to enroll in ALPR training to be sponsored by Wellesley PD and held at Babson College. The training is scheduled for Wednesday, July 31 and there are still seats available.

The amount of ALPR recorded plates is amazing.

I recommend that each agency send at least one representative.

Wayne Cunningham
Detective Lieutenant
Wellesley Police Department
Bureau of Criminal Investigation
781-235-2208 Ext. 5
FBINA 191

From: Cunningham, Wayne
Sent: Wednesday, June 26, 2019 2:24 PM
To: Whittemore, Scott <swhittemore@wellesleyma.gov>
Subject: Re: NORPAC LPR

Will do

Get Outlook for iOS

From: Whittemore, Scott
Sent: Wednesday, June 26, 2019 1:10:17 PM
To: Cunningham, Wayne
Subject: NORPAC LPR

LT-

Can you put this training out to your NORPAC list? The upside on this is that everyone who attends get 30 days free access to commercial data, and they will have some idea of what Wellesley can do for them in investigations.

Here's the link: https://vslea.org/default.aspx?act=EventBuilderViewList.aspx&tag=MA&listtype=public&category=&menuitemid=5&MenuGroup=Public

Thanks.

Scott Whittemore
Deputy Police Chief
Wellesley Police Department
485 Washington Street
Wellesley, Mass 02482
781-235-0062
@WellesleyPolice
FBINA #265

From:	Lyons, Michael M. (DOT)
To:	Jenkins, Dale (POL)
Subject:	FW: OD Permitting Regulations
Date:	Friday, March 15, 2019 11:03:01 AM
Attachments:	Final Redlined Regs for OD Load Permitting January 25 26579.doc Scanned from a Xerox Multifunction Device.pdf

---

From: Fenton, Eileen (DOT)
Sent: Wednesday, March 13, 2019 2:18 PM
To: Fitzgerald, Thomas (POL); Lyons, Michael M. (DOT); Morawiak, Peter (POL); Mcanally, Brian (POL); Foti, Joseph C. (DOT)
Subject: OD Permitting Regulations

Hi All,
Attached please find a copy of the redlined changes to the I-90 and MHS regulations and a clean copy.
I am available to discuss.
Eileen

Eileen M. Fenton, Esq.
Managing Counsel
MassDOT / MBTA
Ten Park Plaza, Suite 3510
Boston, Massachusetts 02116
T: 857-368-8764
Eileen.Fenton@state.ma.us

From: Jenkins, Dale (POL)
To: dcjenks@aol.com
Subject: FW: OD Permitting Regulations
Date: Friday, March 15, 2019 11:15:01 AM
Attachments: Final Redlined Regs for OD Load Permitting January 25 26579.doc
Scanned from a Xerox Multifunction Device.pdf

From: Lyons, Michael M. (DOT)
Sent: Friday, March 15, 2019 11:02 AM
To: Jenkins, Dale (POL)
Subject: FW: OD Permitting Regulations

From: Fenton, Eileen (DOT)
Sent: Wednesday, March 13, 2019 2:18 PM
To: Fitzgerald, Thomas (POL); Lyons, Michael M. (DOT); Morawiak, Peter (POL); Mcanally, Brian (POL); Foti, Joseph C. (DOT)
Subject: OD Permitting Regulations

Hi All,
Attached please find a copy of the redlined changes to the I-90 and MHS regulations and a clean copy.
I am available to discuss.
Eileen

Eileen M. Fenton, Esq.
Managing Counsel
MassDOT / MBTA
Ten Park Plaza, Suite 3510
Boston, Massachusetts 02116
T: 857-368-8764
Eileen.Fenton@state.ma.us<mailto:Eileen.Fenton@state.ma.us>

From: Guen, John (POL)
To: Guen, John H. (EOTSS)
Subject: FW: Promulgation of 19-SO-12
Date: Tuesday, October 22, 2019 12:43:00 PM
Attachments: 19-SO-12 Distribution of General Order.pdf
TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

---

From: Strategic Planning (POL)
Sent: Tuesday, October 01, 2019 5:20 PM
To: POL-DL-All Users
Subject: Promulgation of 19-SO-12

Please be advised that the following Special Order has been promulgated:

- **19-SO-12 Distribution of General Order**
  TRF-11 Automatic License Plate Recognition

Please also be advised that the official General Order listed in the above Special Order has been promulgated.

Strategic Planning Section
470 Worcester Road
Framingham, Massachusetts 01702

From: Marino, Sheila (POL)
To: Ramsland, Erik (POL); Linquata, John (POL); Clements Jr, Robert F (POL); Dowd, Timothy (POL); Sonia, Michael (POL)
Subject: FW: Promulgation of 19-SO-12
Date: Friday, October 11, 2019 9:14:32 AM
Attachments: 19-SO-12 Distribution of General Order.pdf
TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

---

Good morning,

Please forward them to my attention at your earliest convenience.

Sign off sheets for the newest policy (TRF-11) will be forthcoming, however due to technical difficulties with our scanner I am unable to email the sign off sheets at this time.

Sheila Marino
Special Operations
Office Support Specialist II
Training Coordinator – Field Services
508-820-2669
508-820-2239 (fax)

From: Strategic Planning (POL)
Sent: Tuesday, October 01, 2019 5:20 PM
To: POL-DL-All Users
Subject: Promulgation of 19-SO-12

Please be advised that the following Special Order has been promulgated:

- **19-SO-12 Distribution of General Order**
  TRF-11 Automatic License Plate Recognition

Please also be advised that the official General Order listed in the above Special Order has been promulgated.

Strategic Planning Section
470 Worcester Road
Framingham, Massachusetts 01702

Subject: FW: Promulgation of 19-SO-12
Date: Thursday, October 10, 2019 9:50:10 AM
Attachments: 19-SO-12 Distribution of General Order.pdf
TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

From: Marino, Sheila (POL)
To: Lefebvre, Sarah (POL)
Subject: FW: Promulgation of 19-SO-12
Date: Wednesday, October 9, 2019 10:14:39 AM
Attachments: 19-SO-12 Distribution of General Order.pdf
TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

---

Not sure if you saw this ☺.. I did not send it out, I was not sure where you get the sign off sheets from ..

Sheila Marino
Special Operations
Office Support Specialist II
Training Coordinator – Field Services
508-820-2669
508-820-2239 (fax)

From: Strategic Planning (POL)
Sent: Tuesday, October 01, 2019 5:20 PM
To: POL-DL-All Users
Subject: Promulgation of 19-SO-12

Please be advised that the following Special Order has been promulgated:

- **19-SO-12 Distribution of General Order**
  TRF-11 Automatic License Plate Recognition

Please also be advised that the official General Order listed in the above Special Order has been promulgated.

Strategic Planning Section
470 Worcester Road
Framingham, Massachusetts 01702

From: Thibault, Amy (POL)
To: Stelmat, Jason (POL)
Subject: FW: Promulgation of 19-SO-12
Date: Tuesday, October 8, 2019 10:18:00 AM
Attachments: 19-SO-12 Distribution of General Order.pdf
TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

---

From: Strategic Planning (POL) <strategic.planning@massgov.onmicrosoft.com>
Sent: Tuesday, October 01, 2019 5:20 PM
To: POL-DL-All Users <POL-DL-AllUsers@MassMail.State.MA.US>
Subject: Promulgation of 19-SO-12

Please be advised that the following Special Order has been promulgated:

- **19-SO-12 Distribution of General Order**
  TRF-11 Automatic License Plate Recognition

Please also be advised that the official General Order listed in the above Special Order has been promulgated.

Strategic Planning Section
470 Worcester Road
Framingham, Massachusetts 01702

From:	Fitzgerald, Rory (DOT)
To:	Capps, Michael (POL); Davis, Matthew W. (DOT); Fleming, Jonathan (POL); Richard, Thomas (DOT); Rogers, Marland (POL)
Cc:	Fitzgerald, Rory (DOT)
Subject:	FW: Promulgation of 19-SO-12
Date:	Thursday, October 3, 2019 10:27:13 AM
Attachments:	19-SO-12 Distribution of General Order.pdf TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

---

From: Clements Jr, Robert F (POL) <Robert.F.ClementsJr@pol.state.ma.us>
Sent: Wednesday, October 2, 2019 11:30 AM
To: Cederquist, Gary (DOT) <Gary.Cederquist@dot.state.ma.us>; Arroyo, James (POL) <James.Arroyo@pol.state.ma.us>; Atkinson, Dana (POL) <Dana.Atkinson@pol.state.ma.us>; Fitzgerald, Rory (DOT) <Rory.Fitzgerald@dot.state.ma.us>
Subject: Fw: Promulgation of 19-SO-12

Lt. Robert F. Clements, Jr. #2842
Massachusetts State Police

Motor Vehicle Regulatory Section
10 Park Plaza 2nd Floor
Boston, MA 02116

From: Strategic Planning (POL) <strategic.planning@massgov.onmicrosoft.com>
Sent: Tuesday, October 1, 2019 5:20 PM
To: POL-DL-All Users <POL-DL-AllUsers@MassMail.State.MA.US>
Subject: Promulgation of 19-SO-12

Please be advised that the following Special Order has been promulgated:

- **19-SO-12 Distribution of General Order**
  TRF-11 Automatic License Plate Recognition

Please also be advised that the official General Order listed in the above Special Order has been promulgated.

Strategic Planning Section
470 Worcester Road
Framingham, Massachusetts 01702

From: Bazzinotti, James (POL)
To: Riley, Shannon-Lee (POL)
Subject: FW: Promulgation of 19-SO-12
Date: Thursday, October 3, 2019 8:03:27 AM
Attachments: 19-SO-12 Distribution of General Order.pdf
TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

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From: Allison-Slater, Nancy (POL)
Sent: Thursday, October 03, 2019 8:01 AM
To: Bazzinotti, James (POL); Burke, David (POL); Connolly, Michael (POL); Curtin, Timothy (POL); Dear, Anthony (POL); Halfkenny, Damian (POL); Hanlon, James (POL); Kelly, John (POL); Kiley, Mark (POL); Mcgrath, Scott (POL); Riley, Shannon-Lee (POL); Sementelli, Richard (POL); Somerville, Arthur (POL); Walsh, James (POL); White, James R (POL); Baiardi, Walter (POL); Connor, James (POL); Cotugno, Matthew (POL); Crowley, Michael C #3236 (POL); Dateo, Robert (POL); Donovan, Jeremiah (POL); Dumont, Christopher (BRI); Fitzmaurice, William (POL); Flaherty, Scott (POL); Halfkenny, Damian (POL); Kelly, John (POL); Keohane, Edward J (POL); Kiley, John (POL); Knight, Joseph (POL); Mahoney, Denis (POL); McDonough, Stephen (POL); Murphy, Michael W (POL); Murray, Kevin (POL); O'Hara, Kevin (POL); Peterson, Seth (POL); Rafferty, Michael (POL); Recine, Joseph (POL); Robertson, William (POL); Sweeney, Jeremy (POL); Tenney, Kevin (POL); Treseler, Edward (POL); Walsh, James (POL); Wanagel, Wesley (POL); Webb, Adrian (POL); White, James R (POL)
Cc: Ball, Richard (POL); Coppenrath, Leonard (POL); Hanlon, James (POL); Kiley, Mark (POL); McCarthy, Thomas (POL); Newman, Sean (POL)
Subject: FW: Promulgation of 19-SO-12

Troop H: I am intentionally holding off on these sign off sheets to wait until all the transfers are in the database so sign off sheets will be accurate. Expect them from me mid week, next week (around 10/9)

Thanks,

Nancy

From: Strategic Planning (POL)
Sent: Tuesday, October 01, 2019 5:20 PM
To: POL-DL-All Users <POL-DL-AllUsers@MassMail.State.MA.US>
Subject: Promulgation of 19-SO-12

Please be advised that the following Special Order has been promulgated:

- **19-SO-12 Distribution of General Order**
  TRF-11 Automatic License Plate Recognition

Please also be advised that the official General Order listed in the above Special Order has been promulgated.

Strategic Planning Section
470 Worcester Road
Framingham, Massachusetts 01702

From:	Allison-Slater, Nancy (POL)
To:	Bazzinotti, James (POL); Burke, David (POL); Connolly, Michael (POL); Curtin, Timothy (POL); Dear, Anthony (POL); Halfkenny, Damian (POL); Hanlon, James (POL); Kelly, John (POL); Kiley, Mark (POL); Mcgrath, Scott (POL); Riley, Shannon-Lee (POL); Sementelli, Richard (POL); Somerville, Arthur (POL); Walsh, James (POL); White, James R (POL); Baiardi, Walter (POL); Connor, James (POL); Cotugno, Matthew (POL); Crowley, Michael C #3236 (POL); Dateo, Robert (POL); Donovan, Jeremiah (POL); Dumont, Christopher (BRI); Fitzmaurice, William (POL); Flaherty, Scott (POL); Halfkenny, Damian (POL); Kelly, John (POL); Keohane, Edward J (POL); Kiley, John (POL); Knight, Joseph (POL); Mahoney, Denis (POL); McDonough, Stephen (POL); Murphy, Michael W (POL); Murray, Kevin (POL); O"Hara, Kevin (POL); Peterson, Seth (POL); Rafferty, Michael (POL); Recine, Joseph (POL); Robertson, William (POL); Sweeney, Jeremy (POL); Tenney, Kevin (POL); Treseler, Edward (POL); Walsh, James (POL); Wanagel, Wesley (POL); Webb, Adrian (POL); White, James R (POL)
Cc:	Ball, Richard (POL); Coppenrath, Leonard (POL); Hanlon, James (POL); Kiley, Mark (POL); McCarthy, Thomas (POL); Newman, Sean (POL)
Subject:	FW: Promulgation of 19-SO-12
Date:	Thursday, October 3, 2019 8:01:03 AM
Attachments:	19-SO-12 Distribution of General Order.pdf TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

---

Troop H: I am intentionally holding off on these sign off sheets to wait until all the transfers are in the database so sign off sheets will be accurate. Expect them from me mid week, next week (around 10/9)

Thanks,

Nancy

From: Strategic Planning (POL)
Sent: Tuesday, October 01, 2019 5:20 PM
To: POL-DL-All Users <POL-DL-AllUsers@MassMail.State.MA.US>
Subject: Promulgation of 19-SO-12

Please be advised that the following Special Order has been promulgated:

- **19-SO-12 Distribution of General Order**
  TRF-11 Automatic License Plate Recognition

Please also be advised that the official General Order listed in the above Special Order has been promulgated.

Strategic Planning Section
470 Worcester Road
Framingham, Massachusetts 01702

From: Nieves, David (POL)
To: Nieves, David (POL)
Subject: FW: Promulgation of 19-SO-12
Date: Wednesday, October 2, 2019 11:20:46 AM
Attachments: 19-SO-12 Distribution of General Order.pdf
TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

---

From: Strategic Planning (POL)
Sent: Tuesday, October 01, 2019 5:20 PM
To: POL-DL-All Users <POL-DL-AllUsers@MassMail.State.MA.US>
Subject: Promulgation of 19-SO-12

Please be advised that the following Special Order has been promulgated:

- **19-SO-12 Distribution of General Order**
  TRF-11 Automatic License Plate Recognition

Please also be advised that the official General Order listed in the above Special Order has been promulgated.

Strategic Planning Section
470 Worcester Road
Framingham, Massachusetts 01702

From:	Cederquist, William (POL)
To:	Belanger, Paul (POL); Canning, Thomas (POL); Cederquist, William (POL); Close, Michael (POL); Coakley, Paul (POL); Connolly, Coleman (POL); Crowley, Paul (POL); Godfrey, Steven (POL); Internicola, Nicholas P (POL); Leblanc, Joseph (POL); Lee, James (POL); Loring, Douglas (POL); Pinto, Robert (POL); Foley, Timothy E (POL); Whittier, Robert (POL); Wilmoth, Leonard (POL); Bob Pinto; Canning, Tom; Cederquist, William; Close, Mike; Coakley, Paul; Coley Connolly; Crowley. Paul; Internicola, Nick; Jimmy Lee; Joe LeBlanc; Lenny Wilmoth; Paul Belanger; Steve Godfrey; Timmy Foley
Subject:	FW: Promulgation of 19-SO-12
Date:	Wednesday, October 2, 2019 9:03:23 AM
Attachments:	19-SO-12 Distribution of General Order.pdf TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

Sign off sheet is at Victor base. Please review and sign NLT 10-24-19.

From: Strategic Planning (POL)
Sent: Tuesday, October 01, 2019 5:20 PM
To: POL-DL-All Users
Subject: Promulgation of 19-SO-12

Please be advised that the following Special Order has been promulgated:

- **19-SO-12 Distribution of General Order**
  TRF-11 Automatic License Plate Recognition

Please also be advised that the official General Order listed in the above Special Order has been promulgated.

Strategic Planning Section
470 Worcester Road
Framingham, Massachusetts 01702

From:	Crowley, Michael J (POL)
To:	Crowley, Michael J (POL)
Subject:	FW: Promulgation of 19-SO-12
Date:	Tuesday, October 1, 2019 5:20:47 PM
Attachments:	19-SO-12 Distribution of General Order.pdf TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

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From: Strategic Planning (POL)
Sent: Tuesday, October 1, 2019 5:20:27 PM (UTC-05:00) Eastern Time (US & Canada)
To: POL-DL-All Users
Subject: Promulgation of 19-SO-12

Please be advised that the following Special Order has been promulgated:

- **19-SO-12 Distribution of General Order**
  TRF-11 Automatic License Plate Recognition

Please also be advised that the official General Order listed in the above Special Order has been promulgated.

Strategic Planning Section
470 Worcester Road
Framingham, Massachusetts 01702

From:	Kudryk, Paul (POL)
To:	Kudryk, Paul (POL)
Subject:	FW: Promulgation of 19-SO-12
Date:	Tuesday, October 1, 2019 5:20:40 PM
Attachments:	19-SO-12 Distribution of General Order.pdf TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

---

From: Strategic Planning (POL)
Sent: Tuesday, October 1, 2019 5:20:27 PM (UTC-05:00) Eastern Time (US & Canada)
To: POL-DL-All Users
Subject: Promulgation of 19-SO-12

Please be advised that the following Special Order has been promulgated:

- **19-SO-12 Distribution of General Order**
  TRF-11 Automatic License Plate Recognition

Please also be advised that the official General Order listed in the above Special Order has been promulgated.

Strategic Planning Section
470 Worcester Road
Framingham, Massachusetts 01702

From: Bender, Sean (POL)
To: McCarthy, Daniel (POL)
Cc: Chandler, Brittany (POL)
Subject: Fw: Promulgation of 19-SO-12
Date: Tuesday, November 12, 2019 10:47:40 AM
Attachments: 19-SO-12 Distribution of General Order.pdf
TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

---

From: Strategic Planning (POL) <strategic.planning@massgov.onmicrosoft.com>
Sent: Tuesday, October 1, 2019 5:20 PM
To: POL-DL-All Users <POL-DL-AllUsers@MassMail.State.MA.US>
Subject: Promulgation of 19-SO-12

Please be advised that the following Special Order has been promulgated:

- **19-SO-12 Distribution of General Order**
  TRF-11 Automatic License Plate Recognition

Please also be advised that the official General Order listed in the above Special Order has been promulgated.

Strategic Planning Section
470 Worcester Road
Framingham, Massachusetts 01702

From: Quinn, Dermot (POL)
To: Egnitz, Brian (POL); Sojka, Robert (POL)
Subject: FW: Regional Trafficking Summit - Registration Confirmation
Date: Wednesday, January 16, 2019 11:29:54 AM

Please book a room if you can make it. I'll try to get the van.

From: Linda Tartaglia <linda.tartaglia@cop.rutgers.edu>
Sent: Monday, January 14, 2019 2:30 PM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
Subject: Regional Trafficking Summit - Registration Confirmation

Subject: Regional Trafficking Summit - Registration Confirmation

Regional Trafficking Summit Attendee:

This email is to confirm you are registered to attend the Regional Trafficking Summit on January 28 & 29th, 2019.

A block of guest rooms has been reserved for summit attendees at the **Hyatt Regency on the Hudson, 2 Exchange Place, Jersey City, N.J.** If you haven't done so **Please click here to secure a room as soon as possible.**

The 1st day of the program will be held at the Hyatt and will commence at 1:00 p.m. Registration will begin at 12:30 p.m. The program is scheduled to end at 5:30. p.m. A sponsored dinner will be held at Porto Legerro restaurant on 185 Hudson St, Jersey City (a short 4-minute walk from the hotel) from 6:00 p.m. to 9:00 p.m. that evening.

The 2nd day of the program will be held at New York Police Department. Attendees will depart the hotel at 7:30 a.m. and embark on NYPD marine vessels to transport across the Hudson River. Transportation will be provided to the meeting location. We anticipate the program ending at noon and transportation will be provided back to the hotel.

All questions should be posed to Rick Fuentes, who currently works with the Rutgers University Center on Policing and the NJUASI to advance statewide and regional information-sharing programs. He can be reached by email at rrixmail@comcast.net and by phone at (201)554-5514.

Thank you in advance for attending this important summit, and for your participation in this groundbreaking effort to collect, assess, and share ALPR data across the northeastern United States.

Regards,

Linda

Linda Tartaglia
Director
Center on Policing
Rutgers University
106 Somerset St. 7th floor
Room 754
New Brunswick, NJ 08901
848 932-9898 office
[redacted] cell
Linda.tartaglia@pi.rutgers.edu

From: Gilpin, Kerry (POL)
To: Quinn, Dermot (POL)
Subject: Fw: Regional Trafficking Summit Invite
Date: Saturday, January 12, 2019 1:24:05 PM

FYI

Colonel Kerry A. Gilpin
Superintendent
Massachusetts State Police
470 Worcester Road
Framingham, MA 01702
508-820-2350

CONFIDENTIALILTY NOTICE: The information contained in this email and any attachment(s) is privileged and confidential law enforcement information. If you are not the intended recipient, you are hereby notified that any disclosure, dissemination, or copying of this communication is strictly prohibited. If you have received this message in error, please delete this email immediately.

From: Linda Tartaglia <linda.tartaglia@cop.rutgers.edu>
Sent: Friday, January 4, 2019 2:49 PM
To: Linda Tartaglia
Cc: rick fuentes; Thomas O'Reilly; James Sheehan
Subject: Regional Trafficking Summit Invite

Good Afternoon,

Recently, New York City Police Department (NYPD) Commissioner James P. O'Neill and New Jersey State Police (NJSP) Colonel Patrick Callahan invited you to attend a Regional Trafficking Summit in New Jersey and New York on January 28-29,2019. Former NJSP superintendent and colonel Rick Fuentes followed up with an email which may have gone to your spam file. Please check your spam file for previous information.

This conference – hosted jointly by the NJSP, NYPD and the Northern New Jersey Urban Area Security Initiative (NJUASI) – will be facilitated by the Rutgers University Center on Policing. It will gather 12 state police superintendents, 12 major city chiefs and representatives of numerous federal agencies with responsibilities along the Interstate 95 corridor between Richmond, Virginia and Boston, Massachusetts, to discuss the feasibility and productivity of linking and sharing automated license plate reader data.
Establishing a linkage across the northeast region of the United States will immeasurably

increase our effectiveness in addressing issues of counterterrorism, drug trafficking, human and weapons trafficking, Amber and Silver Alerts and other threats to our public safety.

Please register by Monday, January 7th . Please click here to register and RSVP to Rutgers Center on Policing by January 7th, 2019.

During the morning of Monday, January 28, 2019, attendees will arrive at the Hyatt Regency on the Hudson, 2 Exchange Place, Jersey City, N.J. A block of rooms has been reserved for the summit Please click here to make your room reservations. This should also be done by January 7th, 2019.

All questions should be posed to Rick Fuentes, who currently works with the Rutgers University Center on Policing and the NJUASI to advance statewide and regional information-sharing programs. He can be reached by email at rrixmail@comcast.net and by phone at (201)554-5514.

Thank you in advance for attending this important summit, and for your participation in this groundbreaking effort to collect, assess, and share ALPR data across the northeastern United States.

Regards,
Linda

Linda Tartaglia
Director
Center on Policing
Rutgers Unitversity
106 Somerset St
7th floor
New Brunswick, NJ 08901
O 848 932 9898
C 609 203 0770
Linda.tartaglia@cop.rutgers.edu

From: Chandler, Brittany (POL)
To: Stelmat, Jason (POL)
Subject: FW: Review
Date: Tuesday, February 5, 2019 4:56:00 PM
Attachments: image001.png
05.1_CFC WFG - License Plate Readers.pdf
05.2_CFC WFG - License Plate Readers - Search.pdf
05.3_CFC WFG - License Plate Readers - Hotlists.pdf
04.2_CFC WFG - Requests For Information - Facial Recognition.pdf
04.3_CFC WFG - Requests For Information - Photo Arrays - Issuance 360.pdf
04.4_CFC WFG - Requests For Information - Photo Arrays - CopLink.pdf
Commonwealth Watch Center - Workflow Guide 10 Sept 2018.pdf

From: Chandler, Brittany (POL)
Sent: Tuesday, February 5, 2019 4:53 PM
To: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Subject: FW: Review

Section No.	Section	Updated	Page No.
1	Opening & Closing Procedures - Title	X	
1.1	Opening Procedures	X	
1.2	Closing Procedures	X	
2	Accounts - Title	X	
2.1	Accounts - Databases & Systems	X	
2.2	Accounts - Contacts & Numbers	X	
3	Fusion Inbox - Title	X	
3.1	Fusion Inbox - Adding & Rules	X	
4	Requests for Information - Title		
4.1	Requests for Information		
4.2	Requests for Information - Facial Recognition	X	
4.3	Requests for Information - Photo Arrays - Issuance	X	
4.4	Requests for Information - Photo Arrays - CopLink	X	
5	License Plate Reader - Title	X	
5.1	BOSS / 3M & Vigilant	X	
5.2	Searching a Plate	X	
5.3	Creating & Adding a Plate to Hotlist	X	
6	CopLink Acount Administration - Title	X	
6.1	CopLink Acount Administration	X	
7	Bulletins - Title	X	
7.1	Creating a Bulletin	X	
7.2	Disseminating a Bulletin	X	
7.3	Canceling a Bulletin	X	

8	Situational Awareness Messages - Title	X	
8.1	Creating & Disseminating a SAM	X	
8.2	Disseminating a SAM	X	
8.3	Updating a SAM	X	
9	Missing Persons - Title	X	
9.1	Missing Persons	X	
9.2	Silver Alerts	X	
9.3	Missing Children + Amber Alerts	X	
10	SARs - Title		
10.1	SARs		
11	Public Gatherings - Title		
11.1	Finding & Identifying Public Gatherings	X	
11.2	Logging Public Gatherings	X	
11.3	Creating Public Gatherings		
11.4	Disseminating Public Gatherings		
12	Fox Messenger - Title		
12.1	Fox Messenger		
13	RAMs Share - Title		
13.1	RAMs Share		
14	SideBar - Title		
14.1	SideBar		
15	Preplanned Events - Title		
15.1	Preplanned Events		
16	HSIN - Title		
16.1	HSIN		
17	HHAN - Title		
17.1	HHAN		

From: Chandler, Brittany (POL)
Sent: Tuesday, February 5, 2019 4:23 PM
To: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Subject: Review

Hi Jason,

I'm redoing the SOPs & Workflow Guide. There are quite a few attachments but Amy asked that the Facial Recognition and the LPRs be reviewed specifically for legal purposes and that these elements may take a bit more time to review. I should have the rest of the book done sometime next week for the whole book to be reviewed, but wanted to get a jump start on the two mentioned above. The whole guide will likely be reviewed by you, Amy, and the Major. I've attached the different parts of the LPRs and Facial Recognition. Let me know what you think.

Thanks!
-Brit

Respectfully,

Brittany Chandler
Intelligence Analyst II
Massachusetts State Police | Commonwealth Fusion Center
470 Worcester Road, Framingham, MA 01702
Phone: (508) 820-2233

CONFIDENTIALITY NOTICE: The information contained in this email and any attachment is privileged and confidential law enforcement information. If you are not the intended recipient, you are hereby notified that any disclosure, dissemination, or copying of this communication is strictly prohibited. If you have received this email in error, please call (978) 451-3700 immediately.

From: Egnitz, Brian (POL)
To: Griffin, Daniel (POL); Fitzgerald, Thomas (POL)
Subject: FW: SJC-12750 - Notice of Docket Entry
Date: Monday, July 29, 2019 9:22:10 AM

Please forward if you know anyone who would file, it's an important ALPR case.

-----Original Message-----
From: SJCCommClerk@sjc.state.ma.us [mailto:SJCCommClerk@sjc.state.ma.us]
Sent: Friday, June 14, 2019 6:00 PM
To: Sweeney, Elizabeth (CPI)
Subject: SJC-12750 - Notice of Docket Entry

Supreme Judicial Court for the Commonwealth of Massachusetts

RE: Docket No. SJC-12750

Commonwealth
v.
Jason McCarthy

NOTICE OF DOCKET ENTRY

Please take note that the following entry was made on the docket of the above-referenced case:

June 14, 2019 - ANNOUNCEMENT: The Justices are soliciting amicus briefs. Whether either a search warrant or a court order is required before obtaining automatic license plate recognition (ALPR) data collected from fixed points for a particular vehicle. See 18 U.S.C. s. 2518 (Electronic Communications Privacy Act); 18 U.S.C. s. 2703 (Stored Communications Act).

Francis V. Kenneally, Clerk

Dated: June 14, 2019

To:
Paul Alan Bogosian, Esquire
Elizabeth Anne Sweeney, A.D.A.

From: Egnitz, Brian (POL)
To: tgover@wellesleyma.gov
Subject: FW: SJC-12750 - Notice of Docket Entry
Date: Monday, July 29, 2019 9:21:00 AM

Can you please forward this on to your vigilant rep. I got your info from the training your hosting. Below is an important ALPR case.

Thanks, Brian

Brian Egnitz
Commonwealth Fusion Center
Massachusetts State Police
Phone: 978-451-3710 (Maynard) 508-988-7302 (GHQ)
Email: Brian.Egnitz@massmail.state.ma.us
Monday - Friday, 8 to 4

CONFIDENTIALITY NOTICE: The information contained in this email and any attachment is privileged and confidential law enforcement information. If you have received this email in error, please call 978-451-3700 immediately. Thank you.

-----Original Message-----
From: SJCCommClerk@sjc.state.ma.us [mailto:SJCCommClerk@sjc.state.ma.us]
Sent: Friday, June 14, 2019 6:00 PM
To: Sweeney, Elizabeth (CPI)
Subject: SJC-12750 - Notice of Docket Entry

Supreme Judicial Court for the Commonwealth of Massachusetts

RE: Docket No. SJC-12750

Commonwealth
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Francis V. Kenneally, Clerk

Dated: June 14, 2019

To:
Paul Alan Bogosian, Esquire
Elizabeth Anne Sweeney, A.D.A.

From: Egnitz, Brian (POL)
To: John Tedona (jtedona@neology.net)
Subject: FW: SJC-12750 - Notice of Docket Entry
Date: Monday, July 29, 2019 9:19:00 AM

Please see below and file if you guys want. It's a good opportunity.

-----Original Message-----
From: SJCCommClerk@sjc.state.ma.us [mailto:SJCCommClerk@sjc.state.ma.us]
Sent: Friday, June 14, 2019 6:00 PM
To: Sweeney, Elizabeth (CPI)
Subject: SJC-12750 - Notice of Docket Entry

Supreme Judicial Court for the Commonwealth of Massachusetts

RE: Docket No. SJC-12750

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Francis V. Kenneally, Clerk

Dated: June 14, 2019

To:
Paul Alan Bogosian, Esquire
Elizabeth Anne Sweeney, A.D.A.

From: Sweeney, Elizabeth (CPI)
To: Egnitz, Brian (POL)
Subject: FW: SJC-12750 - Notice of Docket Entry
Date: Wednesday, July 24, 2019 4:04:08 PM

Thank you for driving to the cape and meeting with all of us today. Amicus request is below.
Elizabeth

-----Original Message-----
From: SJCCommClerk@sjc.state.ma.us [mailto:SJCCommClerk@sjc.state.ma.us]
Sent: Friday, June 14, 2019 6:00 PM
To: Sweeney, Elizabeth (CPI)
Subject: SJC-12750 - Notice of Docket Entry

Supreme Judicial Court for the Commonwealth of Massachusetts

RE: Docket No. SJC-12750

Commonwealth
v.
Jason McCarthy

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Francis V. Kenneally, Clerk

Dated: June 14, 2019

To:
Paul Alan Bogosian, Esquire
Elizabeth Anne Sweeney, A.D.A.

From: Nardone, Andrea (DAA)
To: Griffin, Daniel (POL)
Subject: FW: SJC-12750 - Notice of Docket Entry
Date: Tuesday, June 18, 2019 1:24:41 PM

FYI - it is going before the SJC.

-----Original Message-----
From: Sweeney, Elizabeth (CPI) <ESweeney@MassMail.State.MA.US>
Sent: Monday, June 17, 2019 3:16 PM
To: DAA-DL-APPLT CHIEFS <DAA-DL-APPLTCHIEFS@MassMail.State.MA.US>
Subject: RE: SJC-12750 - Notice of Docket Entry

Please see amicus announcement below re: whether a SW or a court order is required before obtaining automatic license plate data collected from fixed points. The defendant's brief is due on July 9, Commonwealth on August 8, with an argument scheduled for October 2nd. I'm handling the case for my office.

Elizabeth

-----Original Message-----
From: SJCCommClerk@sjc.state.ma.us [mailto:SJCCommClerk@sjc.state.ma.us]
Sent: Friday, June 14, 2019 6:00 PM
To: Sweeney, Elizabeth (CPI)
Subject: SJC-12750 - Notice of Docket Entry

Supreme Judicial Court for the Commonwealth of Massachusetts

RE: Docket No. SJC-12750

Commonwealth
v.
Jason McCarthy

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Francis V. Kenneally, Clerk

Dated: June 14, 2019

To:
Paul Alan Bogosian, Esquire
Elizabeth Anne Sweeney, A.D.A.

From: Alford, Pamela (NFK)
To: Beatty, Lisa (NFK)
Cc: Tully, Brian (NFK); Kotkowski, Jeffrey (POL)
Subject: FW: SJC-12750 - Notice of Docket Entry
Date: Monday, June 17, 2019 4:13:58 PM

FYI.

-----Original Message-----
From: Sweeney, Elizabeth (CPI)
Sent: Monday, June 17, 2019 3:16 PM
To: DAA-DL-APPLT CHIEFS <DAA-DL-APPLTCHIEFS@MassMail.State.MA.US>
Subject: RE: SJC-12750 - Notice of Docket Entry

Please see amicus announcement below re: whether a SW or a court order is required before obtaining automatic license plate data collected from fixed points. The defendant's brief is due on July 9, Commonwealth on August 8, with an argument scheduled for October 2nd. I'm handling the case for my office.

Elizabeth

-----Original Message-----
From: SJCCommClerk@sjc.state.ma.us [mailto:SJCCommClerk@sjc.state.ma.us]
Sent: Friday, June 14, 2019 6:00 PM
To: Sweeney, Elizabeth (CPI)
Subject: SJC-12750 - Notice of Docket Entry

Supreme Judicial Court for the Commonwealth of Massachusetts

RE: Docket No. SJC-12750

Commonwealth
v.
Jason McCarthy

NOTICE OF DOCKET ENTRY

Please take note that the following entry was made on the docket of the above-referenced case:

June 14, 2019 - ANNOUNCEMENT: The Justices are soliciting amicus briefs. Whether either a search warrant or a court order is required before obtaining automatic license plate recognition (ALPR) data collected from fixed points for a particular vehicle. See 18 U.S.C. s. 2518 (Electronic Communications Privacy Act); 18 U.S.C. s. 2703 (Stored Communications Act).

Francis V. Kenneally, Clerk

Dated: June 14, 2019

To:
Paul Alan Bogosian, Esquire
Elizabeth Anne Sweeney, A.D.A.

From: Egnitz, Brian (POL)
To: Range, Scott (POL)
Cc: Quinn, Dermot (POL)
Subject: FW: SJC-12750 - Notice of Docket Entry
Date: Monday, July 29, 2019 9:23:00 AM

Hi Major,

Can you please forward to your Brooks Bawden contact or any other vested group, below is an important ALPR case and they are soliciting amicus briefs.

Thanks, Brian

-----Original Message-----
From: Sweeney, Elizabeth (CPI)
Sent: Wednesday, July 24, 2019 4:04 PM
To: Egnitz, Brian (POL)
Subject: FW: SJC-12750 - Notice of Docket Entry

Thank you for driving to the cape and meeting with all of us today. Amicus request is below.
Elizabeth

-----Original Message-----
From: SJCCommClerk@sjc.state.ma.us [mailto:SJCCommClerk@sjc.state.ma.us]
Sent: Friday, June 14, 2019 6:00 PM
To: Sweeney, Elizabeth (CPI)
Subject: SJC-12750 - Notice of Docket Entry

Supreme Judicial Court for the Commonwealth of Massachusetts

RE: Docket No. SJC-12750

Commonwealth
v.
Jason McCarthy

NOTICE OF DOCKET ENTRY

Please take note that the following entry was made on the docket of the above-referenced case:

June 14, 2019 - ANNOUNCEMENT: The Justices are soliciting amicus briefs. Whether either a search warrant or a court order is required before obtaining automatic license plate recognition (ALPR) data collected from fixed points for a particular vehicle. See 18 U.S.C. s. 2518 (Electronic Communications Privacy Act); 18 U.S.C. s. 2703 (Stored Communications Act).

Francis V. Kenneally, Clerk

Dated: June 14, 2019

To:
Paul Alan Bogosian, Esquire
Elizabeth Anne Sweeney, A.D.A.

From: John Tedona
To: Egnitz, Brian (POL)
Subject: FW: Technical Bulletin – P520 / P525 software Application maintenance release 5.1.3782
Date: Monday, December 9, 2019 2:58:15 PM
Attachments: image001.png
app-5_1_3782.html

John Tedona
PIPS TECHNOLOGY - A Neology Business
Sales Manager
12760 Danielson Ct. Suite A
Poway, CA 92064
Phone: 201-841-6237
Email: jtedona@neology.net
PIPS Support: support@pipstechnology.com 833-747-7577, Option 1 for sales, Option 2 for Support
www.pipstechnology.com

Subject: Technical Bulletin – P520 / P525 software Application maintenance release 5.1.3782

Technical Bulletin – P520 / P525 software Application Release

We have released a new version of software for the P500 range of cameras – the P520 and P525.
This release is deemed an important update as it corrects a number of issues that have been identified post launch, and has a number of changes to improve the customer experience.
For the full list of changes, see the release note available alongside the application and also attached to this Email.
Please note there were a number of interim (Beta) releases prior to this release.
To determine all the changes since the last release, please be reminded the last official release was 5.1.3561. Please read the release note accordingly.

Latest software versions:

- Application 5.1.3782
- OS 1.10.217 (unchanged since last release)

TIP: The software release can also be installed on any internet connected camera that is running the previous 5.1.3561 release simply by ensuring that a DNS server is configured in the Network Configuration page in Webmin (eg to 8.8.8.8), and then visiting the "check for updates" page in Webmin.

All of this software can be downloaded from the relevant links at:
http://dl.anprlicense.eu/release/public.xml

Internally within the Neology UK network, it can be found at:
http://10.120.10.8/svn/releases/software.xml

Key Changes

For full information, see the release notes, however a few highlights are:

- Allow camera ALPR functionality to be enabled/disabled based on status of GPIO input line (customer request).
- VESLITE: Allow setting the VES Image and UDP port numbers. (Customer request)
- The camera now supports IPv6 when connecting out via a modem.
- The viewfinder, vehicle event viewer, and PIXI protocols can all now be accessed via IPv6.
- Numerous corrections to issues identified during testing / by customers, such as:
    - Correcting a problem identified as “alignment trap” that could reduce performance and sometimes triggered reboots. (Problem experienced by Notts)
    - Fixed a problem that caused the camera to be unable to connect to the remote DLOCR server as a result of server-side updates. (could be relevant to Parking Eye).
    - Implemented a SIM watchdog such that if the Modem SIM becomes unresponsive, the camera will reboot to recover the situation. (Problem experienced by Notts)
    - Fixed a problem that caused dayNightMode to not apply the day settings if the app restarted in the dawn period between the two upper and lower threshold values (problem seen at Notts).

Guidance For Production

This software should be used for all future P520 / P525 cameras – all previous builds are deprecated in preference to this release.

Guidance For Customer Support

Ideally all existing camera installations should be upgraded to use this new application software.

Reminder: Unlike in previous generation cameras the P500 can have the OS **upgraded** without needing a serial connection.
OS and application upgrades can be done in the same way via the latest version of Toolkit by simply selecting “Software Upgrade” and selecting the OS or application distribution.

Regards

David McConnell
Head of Global Camera R&D
Neology UK Ltd
Mobile: +44 (0)7816 453357
UK
Form 1, Bartley Wood Business Park, Hook, Hampshire, RG27 9XA **P.** +44 (0) 7816 453357
www.pipstechnology.com

Registered Office: 6th Floor, Kildare House, Dorset Rise, London, United Kingdom, EC4Y 8EN Registered in England & Wales, No 10809863.

The information contained in this communication is confidential and intended only for the use of the recipient named and may also be legally privileged.
If you are not the intended recipient (named addressee), you are hereby notified that any dissemination, distribution, copying or making

use of this communication, or any of its contents, is strictly prohibited.
Please notify the sender immediately by email and delete the original message and any copy of it from your computer system. The integrity, security of and absence of viruses in this message cannot be guaranteed on the internet. The sender therefore does not accept liability for any errors or omissions in the contents of this message, nor any damage caused, which arise as a result of e-mail transmission.

From: Mason, Christopher (POL)
To: Corey Mackey
Subject: FW: TRF-11 Draft
Date: Tuesday, October 1, 2019 11:59:00 AM
Attachments: TRF-11 Automatic License Plate Recognition Revised September 30 2019.doc

Corey,
Here is the LPR draft.

Lieutenant Colonel Christopher S. Mason
Deputy Superintendent
Massachusetts State Police
470 Worcester Road
Framingham, MA. 01702
508.820.2330

From: Tapis, Stephen C (POL)
Sent: Monday, September 30, 2019 2:44 PM
To: Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>
Cc: Range, Scott (POL) <scott.range@pol.state.ma.us>; Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Losardo, Donna (POL) <donna.losardo@pol.state.ma.us>; England, Kara (POL) <kara.england@pol.state.ma.us>
Subject: TRF-11 Draft

Deputy Mason-

Please find attached the Draft TRF-11 for review.

Respectfully-

Trooper Stephen Tapis #3888
Massachusetts State Police
Strategic Planning Section
470 Worcester Road
Framingham, MA 01702
(508) 820-2309

The information transmitted is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited

To:	mackey
Subject:	FW: TRF-11 Draft
Date:	Tuesday, October 1, 2019 11:58:06 AM
Attachments:	TRF-11 Automatic License Plate Recognition Revised September 30 2019.doc

From: Tapis, Stephen C (POL)
Sent: Monday, September 30, 2019 2:44 PM
To: Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>
Cc: Range, Scott (POL) <scott.range@pol.state.ma.us>; Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Losardo, Donna (POL) <donna.losardo@pol.state.ma.us>; England, Kara (POL) <kara.england@pol.state.ma.us>
Subject: TRF-11 Draft

Deputy Mason-

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Respectfully-

Trooper Stephen Tapis #3888
Massachusetts State Police
Strategic Planning Section
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From:	Quinn, Dermot (POL)
To:	Slater, James (CHS)
Cc:	Range, Scott (POL)
Subject:	FW: TRF-11 Draft
Date:	Monday, September 30, 2019 2:01:23 PM
Attachments:	TRF-11 Automatic License Plate Recognition Revised October 2019 DRAFT with highlights.pdf ALPR DCJIS Policy - Final 20131008.pdf

Hi Jim

Here is the latest version. I attached the DCJIS Policy also for reference.

Thanks

Dermot

From: Tapis, Stephen C (POL) <Stephen.C.Tapis@pol.state.ma.us>
Sent: Monday, September 30, 2019 12:57 PM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
Cc: Losardo, Donna (POL) <donna.losardo@pol.state.ma.us>; England, Kara (POL) <kara.england@pol.state.ma.us>
Subject: TRF-11 Draft

Lt. Colonel Quinn-

Per your request, please find attached the Draft TRF-11.

Respectfully-

Trooper Stephen Tapis #3888
Massachusetts State Police
Strategic Planning Section
470 Worcester Road
Framingham, MA 01702
(508) 820-2309

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From:	Mason, Christopher (POL)
To:	Quinn, Dermot (POL)
Subject:	FW: TRF-11 Draft
Date:	Tuesday, October 1, 2019 4:24:00 PM
Attachments:	Review with track changes_TRF-11 Automatic License Plate Recognition Rev....doc

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From: Corey Mackey [mailto:CMackey@msptrooper.org]
Sent: Tuesday, October 1, 2019 4:20 PM
To: Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>
Subject: RE: TRF-11 Draft

Sir,

Attached is our review with track changes enabled. Just a quick few adds with regards to including DIS/DHS.

Thanks,

-Corey

From: Mason, Chris (POL) [mailto:chris.mason@state.ma.us]
Sent: Tuesday, October 1, 2019 12:00 PM
To: Corey Mackey
Subject: FW: TRF-11 Draft

Corey,
Here is the LPR draft.

Lieutenant Colonel Christopher S. Mason
Deputy Superintendent
Massachusetts State Police
470 Worcester Road
Framingham, MA. 01702
508.820.2330

From: Tapis, Stephen C (POL)
Sent: Monday, September 30, 2019 2:44 PM
To: Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>
Cc: Range, Scott (POL) <scott.range@pol.state.ma.us>; Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Losardo, Donna (POL) <donna.losardo@pol.state.ma.us>; England, Kara (POL) <kara.england@pol.state.ma.us>
Subject: TRF-11 Draft

Deputy Mason-

Please find attached the Draft TRF-11 for review.

Respectfully-

Trooper Stephen Tapis #3888
Massachusetts State Police
Strategic Planning Section
470 Worcester Road
Framingham, MA 01702
(508) 820-2309

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From: Slater, James (CHS)
To: Quinn, Dermot (POL)
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Friday, September 27, 2019 1:41:04 PM
Attachments: image001.png
TRF-11 Automatic License Plate Recognition DRAFT UPDATE 09262019 - Jslater Comments 20190927.docx

---

Sorry, Dermot….I sent you the wrong version!

Jim

From: Slater, James (CHS)
Sent: Friday, September 27, 2019 13:39
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Hi, Dermot!

I have a couple of comments on this policy; they are noted in the attached.

Please let me know if you have any questions.

Jim

From: England, Kara (POL) <kara.england@pol.state.ma.us>
Sent: Friday, September 27, 2019 08:40
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Range, Scott (POL) <scott.range@pol.state.ma.us>; Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>; Halpin, Michael (POL) <michael.halpin@pol.state.ma.us>; Farrell, Sean (POL) <sean.farrell@pol.state.ma.us>
Cc: Slater, James (CHS) <james.slater@mass.gov>; Dunne, Michaela (CHS) <michaela.dunne@mass.gov>; Tapis, Stephen C (POL) <Stephen.C.Tapis@pol.state.ma.us>; Pinkes, William (POL) <william.pinkes@pol.state.ma.us>; Egnitz, Brian (POL) <brian.egnitz@pol.state.ma.us>
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Morning,

I have been advised that the attached draft meets all of the criteria for Accreditation.

Please advise when final review and approval is complete.

Trooper Tapis and I will then do the final formatting and processing for promulgation.

Thanks for everyone's attention to this matter.

Respectfully,
KME

From: Quinn, Dermot (POL)
Sent: Thursday, September 26, 2019 12:02 PM
To: Range, Scott (POL); Mason, Christopher (POL); Tapis, Stephen C (POL); Pinkes, William (POL); Halpin, Michael (POL); Farrell, Sean (POL); England, Kara (POL); Egnitz, Brian (POL)
Cc: Slater, James (CHS); Dunne, Michaela (CHS)
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

All,

Given that the ALPR servers are secured and operated at the DCJIS data center in Chelsea, and that the application is managed by both DCJIS and MSP, I am suggesting the following changes highlighted in red. I am also copying in Commissioner Slater and Michaela Dunne from DCJIS for their thoughts and comments.

Please keep in mind that much of this language is coming from the BJA ALPR Policy Template, and our goal is to be in compliance so that HSGP funds continue to flow uninterrupted.

Respectfully,

Lieutenant Colonel Dermot J. Quinn #1765
Division Commander
Division of Homeland Security & Preparedness
Massachusetts State Police

Security The following shall apply to ALPR system and information security:

- The Department of Criminal Justice Information Services of the Executive Office of Public Safety and Security, will operate ALPR servers in a secure facility protected from external intrusion and will utilize secure internal and external safeguards against network intrusions. Any access to DCJIS ALPR information from outside the facility will be allowed only over secure networks;

- The Department and DCJIS will store ALPR information in a manner that ensures that it cannot be added to, modified, accessed, or purged except by personnel authorized to take such actions;

- Access to Department ALPR information will be granted only to personnel whose positions and job duties require such access and who have successfully completed a background check and training;

- Usernames and passwords to ALPR information are not transferrable, must not be shared by Department personnel, and must be kept confidential;

- Queries made to the Department's ALPR information will be logged into the system identifying the user initiating the query. All user access, including participating agency access, and queries are subject to review and audit; and

- The Department and DCJIS will maintain an audit trail of accessed, requested, or disseminated Department-held ALPR information. An audit trail will be kept for a minimum of one-year of requests for access to ALPR information for specific purposes and of what ALPR information is disseminated to each individual in response to the request.

From: England, Kara (POL) <kara.england@pol.state.ma.us>
Sent: Thursday, September 26, 2019 11:01 AM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Range, Scott (POL) <scott.range@pol.state.ma.us>
Cc: Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>; Tapis, Stephen C (POL) <Stephen.C.Tapis@pol.state.ma.us>; Pinkes, William (POL) <william.pinkes@pol.state.ma.us>; Halpin, Michael (POL) <michael.halpin@pol.state.ma.us>; Farrell, Sean (POL) <sean.farrell@pol.state.ma.us>
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Morning,

As you are probably aware, the Department is in the process of ensuring that our policies meet Accreditation standards. Please find attached a pdf of Accreditation standards relative to LPR (along with the attached word doc of the revised TRF-11 DRAFT that has been circulating.)

As part of the Fusion Center's revisions to ensure policy compliance with BJA LPR Policy Template (as reflected in attached revised DRAFT), before finalizing the draft for promulgation, the Department would like you to take this opportunity to incorporate the language the Fusion Center deems appropriate for the MSP to be in compliance with Accreditation standards as well.

Respectfully,
KME

From: England, Kara (POL)
Sent: Wednesday, September 18, 2019 10:05 AM
To: Quinn, Dermot (POL); Halpin, Michael (POL); Farrell, Sean (POL)
Cc: Mason, Christopher (POL); Range, Scott (POL); Tapis, Stephen C (POL)

Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Morning,

Please see the attached draft. It incorporates some very minor changes (which have been tracked and can be accepted or not.)

There is one change that I did not want to make without consultation –

- On page 6, "Security" section, first bullet: should the first sentence read "The Department will operate *the ALPR system* in a secure facility protected from external intrusion and will utilize secure internal and external safeguards against network intrusions."?

Also, as you may have discovered, the formatting of these word documents can be very quirky, so when all revisions have been finalized and the document is ready for promulgation, Trooper Tapis and I will do the final formatting.

Respectfully,
KME

From: Quinn, Dermot (POL)
Sent: Tuesday, September 17, 2019 6:50 PM
To: Halpin, Michael (POL); Farrell, Sean (POL); England, Kara (POL); Tapis, Stephen C (POL)
Cc: Mason, Christopher (POL); Range, Scott (POL)
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Evening All,

The Fusion Center needs to be in compliance with three new requirements from DHS to continue to be eligible for HSGF. The first is an MOU between the CFC and DHS. Major Range and his team have already submitted our proposal to DHS for comments. Second, a facial recognition SOP is required and a draft of that document has been submitted to Legal Section for comment. Lastly, an LPR policy that incorporates elements from the BJA LPR Policy Template is required. This email addresses that issue. Attached please find an edited version of the existing MSP ALPR Policy (TRF-11). The edits that have been prepared by Major Range and his team incorporate the required elements from the BJA template required by DHS (See attached BJA LPR Policy Template). We are very open to editing, including grammar and style, and obviously any guidance on legal issues that our edits may present.

Please keep in mind that these are requirements are from DHS, and placed on the CFC in order to continue to receive Homeland Security Grant Funding. HSGF provides the MSP the financial resources to keep the CFC operating. We appreciate your attention to this matter as we need to have this in place by the end of the month.

Respectfully,

Lieutenant Colonel Dermot J. Quinn #1765
Division Commander

Division of Homeland Security & Preparedness
Massachusetts State Police

From: Range, Scott (POL) <scott.range@pol.state.ma.us>
Sent: Tuesday, September 17, 2019 6:23 PM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
Subject: Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Sent from my iPhone

Begin forwarded message:

> **From:** "Range, Scott (POL)" <scott.range@pol.state.ma.us>
> **Date:** September 9, 2019 at 6:23:30 PM EDT
> **To:** "Dermot Quinn (dermot.quinn@massmail.state.ma.us)" <dermot.quinn@massmail.state.ma.us>
> **Cc:** "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Warren, Rosemary (POL)" <Rosemary.Warren@pol.state.ma.us>
> **Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements**
>
> Lt. Col. Quinn,
>
> As requested, the changes that were discussed last Friday have been made to the attached updated DRAFT.
>
> Respectfully,
> Scott
>
> ---
>
> **From:** Range, Scott (POL)
> **Sent:** Friday, September 06, 2019 12:59 PM
> **To:** Warren, Rosemary (POL)
> **Subject:** Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Sent from my iPhone

Begin forwarded message:

From: "Stelmat, Jason (POL)" <Jason.Stelmat@pol.state.ma.us>
Date: September 5, 2019 at 1:40:17 PM EDT
To: "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>, "Range, Scott (POL)" <scott.range@pol.state.ma.us>, "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Brooks, Brian (POL)" <brian.brooks@pol.state.ma.us>
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good afternoon,
I apologize for the delay in distributing this. I was able to recreate the original TRF-11 in a much more workable format in Word. I've made some additions (highlighted in the attached document) which I believe brings us up to speed with respect to DHS grant requirements. I did not remove anything from the existing TRF-11, but ended up adding approximately 3 pages to the current policy. I did my best to exclude irrelevant or unnecessary portions of the BJA guidelines. Any additional thoughts or suggestions are welcome.

Thanks,
Jason

From: Brooks, Brian (POL)
Sent: Wednesday, September 04, 2019 5:58 PM
To: Range, Scott (POL); Stelmat, Jason (POL)
Cc: Quinn, Dermot (POL); Gawron, Stephen (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Please see attached

From: Range, Scott (POL) <scott.range@pol.state.ma.us>
Sent: Wednesday, September 4, 2019 5:57 PM
To: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>; Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>
Subject: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Jason,

As discussed, the existing TRF-11 is attached in a PDF format. Lt. Brooks

will have someone try to un-PDF it now and then email it back to this group.

On Thursday, please mark up a new TRF-11 DRAFT with the suggested changes that are needed to comply with the template pursuant to the new DHS HSGP Grant Requirements. Then send that document back to this group on Thursday so Lt. Col. Quinn can work with GHQ to try and get TRF-11 fully updated prior to the end of this month to comply.

Thank again for your work on this. We appreciate it.

From: Slater, James (CHS)
To: Quinn, Dermot (POL)
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Friday, September 27, 2019 1:39:27 PM
Attachments: image001.png
TRF-11 Automatic License Plate Recognition DRAFT UPDATE 09262019.docx

---

Hi, Dermot!

I have a couple of comments on this policy; they are noted in the attached.

Please let me know if you have any questions.

Jim

From: England, Kara (POL) <kara.england@pol.state.ma.us>
Sent: Friday, September 27, 2019 08:40
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Range, Scott (POL) <scott.range@pol.state.ma.us>; Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>; Halpin, Michael (POL) <michael.halpin@pol.state.ma.us>; Farrell, Sean (POL) <sean.farrell@pol.state.ma.us>
Cc: Slater, James (CHS) <james.slater@mass.gov>; Dunne, Michaela (CHS) <michaela.dunne@mass.gov>; Tapis, Stephen C (POL) <Stephen.C.Tapis@pol.state.ma.us>; Pinkes, William (POL) <william.pinkes@pol.state.ma.us>; Egnitz, Brian (POL) <brian.egnitz@pol.state.ma.us>
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Morning,

I have been advised that the attached draft meets all of the criteria for Accreditation.

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Trooper Tapis and I will then do the final formatting and processing for promulgation.

Thanks for everyone's attention to this matter.

Respectfully,
KME

From: Quinn, Dermot (POL)
Sent: Thursday, September 26, 2019 12:02 PM
To: Range, Scott (POL); Mason, Christopher (POL); Tapis, Stephen C (POL); Pinkes, William (POL); Halpin, Michael (POL); Farrell, Sean (POL); England, Kara (POL); Egnitz, Brian (POL)
Cc: Slater, James (CHS); Dunne, Michaela (CHS)
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

All,

Given that the ALPR servers are secured and operated at the DCJIS data center in Chelsea, and that

the application is managed by both DCJIS and MSP, I am suggesting the following changes highlighted in red. I am also copying in Commissioner Slater and Michaela Dunne from DCJIS for their thoughts and comments.

Please keep in mind that much of this language is coming from the BJA ALPR Policy Template, and our goal is to be in compliance so that HSGP funds continue to flow uninterrupted.

Respectfully,

Lieutenant Colonel Dermot J. Quinn #1765
Division Commander
Division of Homeland Security & Preparedness
Massachusetts State Police

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Sent: Thursday, September 26, 2019 11:01 AM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Range, Scott (POL) <scott.range@pol.state.ma.us>
Cc: Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>; Tapis, Stephen C (POL) <Stephen.C.Tapis@pol.state.ma.us>; Pinkes, William (POL) <william.pinkes@pol.state.ma.us>; Halpin, Michael (POL) <michael.halpin@pol.state.ma.us>; Farrell, Sean (POL) <sean.farrell@pol.state.ma.us>
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

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Cc:	Slater, James (CHS); Dunne, Michaela (CHS)
Subject:	FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date:	Thursday, September 26, 2019 12:01:58 PM
Attachments:	image001.png TRF-11 Automatic License Plate Recognition DRAFT UPDATE 09182019.docx 41.3.9 LPR CALEA.pdf

All,

Given that the ALPR servers are secured and operated at the DCJIS data center in Chelsea, and that the application is managed by both DCJIS and MSP, I am suggesting the following changes highlighted in red. I am also copying in Commissioner Slater and Michaela Dunne from DCJIS for their thoughts and comments.

Please keep in mind that much of this language is coming from the BJA ALPR Policy Template, and our goal is to be in compliance so that HSGP funds continue to flow uninterrupted.

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Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Thursday, September 26, 2019 11:44:40 AM
Attachments: image001.png
TRF-11 Automatic License Plate Recognition DRAFT UPDATE 09182019.docx
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Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Morning,

Please see the attached draft. It incorporates some very minor changes (which have been tracked and can be accepted or not.)

There is one change that I did not want to make without consultation –

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Respectfully,
KME

From: Quinn, Dermot (POL)
Sent: Tuesday, September 17, 2019 6:50 PM
To: Halpin, Michael (POL); Farrell, Sean (POL); England, Kara (POL); Tapis, Stephen C (POL)

Cc: Mason, Christopher (POL); Range, Scott (POL)
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

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Division of Homeland Security & Preparedness
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From: Range, Scott (POL) <scott.range@pol.state.ma.us>
Sent: Tuesday, September 17, 2019 6:23 PM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
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To: Warren, Rosemary (POL)
Subject: Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Sent from my iPhone

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From:	England, Kara (POL)
To:	Quinn, Dermot (POL); Range, Scott (POL)
Cc:	Mason, Christopher (POL); Tapis, Stephen C (POL); Pinkes, William (POL); Halpin, Michael (POL); Farrell, Sean (POL)
Subject:	FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date:	Thursday, September 26, 2019 11:00:00 AM
Attachments:	image001.png TRF-11 Automatic License Plate Recognition DRAFT UPDATE 09182019.docx 41.3.9 LPR CALEA.pdf

Good Morning,

As you are probably aware, the Department is in the process of ensuring that our policies meet Accreditation standards. Please find attached a pdf of Accreditation standards relative to LPR (along with the attached word doc of the revised TRF-11 DRAFT that has been circulating.)

As part of the Fusion Center's revisions to ensure policy compliance with BJA LPR Policy Template (as reflected in attached revised DRAFT), before finalizing the draft for promulgation, the Department would like you to take this opportunity to incorporate the language the Fusion Center deems appropriate for the MSP to be in compliance with Accreditation standards as well.

Respectfully,
KME

From: England, Kara (POL)
Sent: Wednesday, September 18, 2019 10:05 AM
To: Quinn, Dermot (POL); Halpin, Michael (POL); Farrell, Sean (POL)
Cc: Mason, Christopher (POL); Range, Scott (POL); Tapis, Stephen C (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

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Cc: Warren, Rosemary (POL); Gawron, Stephen (POL)
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Monday, September 23, 2019 11:01:39 AM
Attachments: image001.png
TRF-11 Automatic License Plate Recognition DRAFT UPDATE 09182019.docx
LPR Policy Template FINAL 2-7-170.pdf

Lt. Col. Quinn,

Here is the email from Kara / please see below.

Respectfully,
Scott

From: England, Kara (POL)
Sent: Wednesday, September 18, 2019 10:05 AM
To: Quinn, Dermot (POL); Halpin, Michael (POL); Farrell, Sean (POL)
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Requirements

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To:	Pinkes, William (POL)
Cc:	Tapis, Stephen C (POL)
Subject:	FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date:	Wednesday, September 18, 2019 9:01:00 AM
Attachments:	TRF-11 Automatic License Plate Recognition DRAFT UPDATE 09092019.docx ATT00001.htm LPR Policy Template FINAL 2-7-170.pdf image001.png

FYI … does this policy have any Accreditation implications?

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Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Tuesday, September 17, 2019 6:50:10 PM
Attachments: TRF-11 Automatic License Plate Recognition DRAFT UPDATE 09092019.docx
ATT00001.htm
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Date: September 5, 2019 at 1:40:17 PM EDT
To: "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>, "Range, Scott (POL)" <scott.range@pol.state.ma.us>, "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Brooks, Brian (POL)" <brian.brooks@pol.state.ma.us>
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good afternoon,
I apologize for the delay in distributing this. I was able to recreate the original TRF-11 in a much more workable format in Word. I've made

some additions (highlighted in the attached document) which I believe brings us up to speed with respect to DHS grant requirements. I did not remove anything from the existing TRF-11, but ended up adding approximately 3 pages to the current policy. I did my best to exclude irrelevant or unnecessary portions of the BJA guidelines. Any additional thoughts or suggestions are welcome.

Thanks,
Jason

From: Brooks, Brian (POL)
Sent: Wednesday, September 04, 2019 5:58 PM
To: Range, Scott (POL); Stelmat, Jason (POL)
Cc: Quinn, Dermot (POL); Gawron, Stephen (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Please see attached

From: Range, Scott (POL) <scott.range@pol.state.ma.us>
Sent: Wednesday, September 4, 2019 5:57 PM
To: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>; Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>
Subject: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Jason,

As discussed, the existing TRF-11 is attached in a PDF format. Lt. Brooks will have someone try to un-PDF it now and then email it back to this group.

On Thursday, please mark up a new TRF-11 DRAFT with the suggested changes that are needed to comply with the template pursuant to the new DHS HSGP Grant Requirements. Then send that document back to this group on Thursday so Lt. Col. Quinn can work with GHQ to try and get TRF-11 fully updated prior to the end of this month to comply.

Thank again for your work on this. We appreciate it.

To:	Halpin, Michael (POL); Farrell, Sean (POL); England, Kara (POL); Tapis, Stephen C (POL)
Cc:	Mason, Christopher (POL); Range, Scott (POL)
Subject:	FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date:	Tuesday, September 17, 2019 6:27:53 PM
Attachments:	TRF-11 Automatic License Plate Recognition DRAFT UPDATE 09092019.docx ATT00001.htm LPR Policy Template FINAL 2-7-170.pdf

Good Evening,

Following up on my previous email

From: Range, Scott (POL) <scott.range@pol.state.ma.us>
Sent: Tuesday, September 17, 2019 6:23 PM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
Subject: Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Sent from my iPhone

Begin forwarded message:

> **From:** "Range, Scott (POL)" <scott.range@pol.state.ma.us>
> **Date:** September 9, 2019 at 6:23:30 PM EDT
> **To:** "Dermot Quinn (dermot.quinn@massmail.state.ma.us)" <dermot.quinn@massmail.state.ma.us>
> **Cc:** "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Warren, Rosemary (POL)" <Rosemary.Warren@pol.state.ma.us>
> **Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements**
>
> Lt. Col. Quinn,
>
> As requested, the changes that were discussed last Friday have been made to the attached updated DRAFT.
>
> Respectfully,
> Scott
>
> **From:** Range, Scott (POL)
> **Sent:** Friday, September 06, 2019 12:59 PM
> **To:** Warren, Rosemary (POL)
> **Subject:** Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Sent from my iPhone

Begin forwarded message:

From: "Stelmat, Jason (POL)" <Jason.Stelmat@pol.state.ma.us>
Date: September 5, 2019 at 1:40:17 PM EDT
To: "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>, "Range, Scott (POL)" <scott.range@pol.state.ma.us>, "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Brooks, Brian (POL)" <brian.brooks@pol.state.ma.us>
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Thanks,
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From: Brooks, Brian (POL)
Sent: Wednesday, September 04, 2019 5:58 PM
To: Range, Scott (POL); Stelmat, Jason (POL)
Cc: Quinn, Dermot (POL); Gawron, Stephen (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

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Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>; Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>
Subject: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

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Thank again for your work on this. We appreciate it.

From: Range, Scott (POL)
To: Dermot Quinn (dermot.quinn@massmail.state.ma.us)
Cc: Gawron, Stephen (POL); Warren, Rosemary (POL)
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Monday, September 9, 2019 6:23:00 PM
Attachments: TRF-11 Automatic License Plate Recognition DRAFT UPDATE 09092019.docx

---

Lt. Col. Quinn,

As requested, the changes that were discussed last Friday have been made to the attached updated DRAFT.

Respectfully,
Scott

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Subject: Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Sent from my iPhone

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> **To:** "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>, "Range, Scott (POL)" <scott.range@pol.state.ma.us>, "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Brooks, Brian (POL)" <brian.brooks@pol.state.ma.us>
> **Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements**
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>
> ---
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Cc: Quinn, Dermot (POL); Gawron, Stephen (POL)
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Sent: Wednesday, September 4, 2019 5:57 PM
To: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>; Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>
Subject: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

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As discussed, the existing TRF-11 is attached in a PDF format. Lt. Brooks will have someone try to un-PDF it now and then email it back to this group.

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Thank again for your work on this. We appreciate it.

From: Tapis, Stephen C (POL)
To: Losardo, Donna (POL)
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Monday, September 30, 2019 9:01:50 AM
Attachments: image001.png

DLt. Losardo-

FYI – Please see the emails below.

Respectfully-

Trooper Stephen Tapis #3888
Massachusetts State Police
Strategic Planning Section
470 Worcester Road
Framingham, MA 01702
(508) 820-2309

The information transmitted is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited

---

From: Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>
Sent: Monday, September 30, 2019 8:10 AM
To: England, Kara (POL) <kara.england@pol.state.ma.us>
Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Range, Scott (POL) <scott.range@pol.state.ma.us>; Halpin, Michael (POL) <michael.halpin@pol.state.ma.us>; Farrell, Sean (POL) <sean.farrell@pol.state.ma.us>; Slater, James (CHS) <james.slater@mass.gov>; Dunne, Michaela (CHS) <michaela.dunne@mass.gov>; Tapis, Stephen C (POL) <Stephen.C.Tapis@pol.state.ma.us>; Pinkes, William (POL) <william.pinkes@pol.state.ma.us>; Egnitz, Brian (POL) <brian.egnitz@pol.state.ma.us>
Subject: Re: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Kara,
This looks good to me. Thank you.

Lt. Colonel Christopher Mason
Deputy Superintendent
Massachusetts State Police

On Sep 27, 2019, at 8:39 AM, England, Kara (POL) <kara.england@pol.state.ma.us> wrote:

Good Morning,

I have been advised that the attached draft meets all of the criteria for Accreditation.

Please advise when final review and approval is complete.

Trooper Tapis and I will then do the final formatting and processing for promulgation.

Thanks for everyone's attention to this matter.

Respectfully,
KME

From: Quinn, Dermot (POL)
Sent: Thursday, September 26, 2019 12:02 PM
To: Range, Scott (POL); Mason, Christopher (POL); Tapis, Stephen C (POL); Pinkes, William (POL); Halpin, Michael (POL); Farrell, Sean (POL); England, Kara (POL); Egnitz, Brian (POL)
Cc: Slater, James (CHS); Dunne, Michaela (CHS)
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

All,

Given that the ALPR servers are secured and operated at the DCJIS data center in Chelsea, and that the application is managed by both DCJIS and MSP, I am suggesting the following changes highlighted in red. I am also copying in Commissioner Slater and Michaela Dunne from DCJIS for their thoughts and comments.

Please keep in mind that much of this language is coming from the BJA ALPR Policy Template, and our goal is to be in compliance so that HSGP funds continue to flow uninterrupted.

Respectfully,

Lieutenant Colonel Dermot J. Quinn #1765
Division Commander
Division of Homeland Security & Preparedness
Massachusetts State Police
<image001.png>

Security The following shall apply to ALPR system and information security:

- The Department of Criminal Justice Information Services of the Executive Office of Public Safety and Security, will operate ALPR servers in a secure facility protected from external intrusion and will utilize secure internal and external safeguards against network intrusions. Any access to DCJIS ALPR information from outside the facility will be allowed only over secure networks;
- The Department and DCJIS will store ALPR information in a manner that ensures that it cannot be added to, modified, accessed, or purged except by personnel authorized to take such actions;
- Access to Department ALPR information will be granted only to personnel whose positions and job duties require such access and who have successfully completed a background check and training;
- Usernames and passwords to ALPR information are not transferrable, must not be shared by Department personnel, and must be kept confidential;
- Queries made to the Department's ALPR information will be logged into the system identifying the user initiating the query. All user access, including participating agency access, and queries are subject to review and audit; and
- The Department and DCJIS will maintain an audit trail of accessed, requested, or disseminated Department-held ALPR information. An audit trail will be kept for a minimum of one-year of requests for access to ALPR information for specific purposes and of what ALPR information is disseminated to each individual in response to the request.

From: England, Kara (POL) <kara.england@pol.state.ma.us>
Sent: Thursday, September 26, 2019 11:01 AM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Range, Scott (POL) <scott.range@pol.state.ma.us>
Cc: Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>; Tapis, Stephen C (POL) <Stephen.C.Tapis@pol.state.ma.us>; Pinkes, William (POL) <william.pinkes@pol.state.ma.us>; Halpin, Michael (POL) <michael.halpin@pol.state.ma.us>; Farrell, Sean (POL) <sean.farrell@pol.state.ma.us>
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Morning,

As you are probably aware, the Department is in the process of ensuring that our policies meet Accreditation standards. Please find attached a pdf of Accreditation standards relative to LPR (along with the attached word doc of the revised TRF-11 DRAFT that has been circulating.)

As part of the Fusion Center's revisions to ensure policy compliance with BJA LPR Policy Template (as reflected in attached revised DRAFT), before finalizing the draft for promulgation, the Department would like you to take this opportunity to incorporate the language the Fusion Center deems appropriate for the MSP to be in compliance with Accreditation standards as well.

Respectfully,
KME

From: England, Kara (POL)
Sent: Wednesday, September 18, 2019 10:05 AM
To: Quinn, Dermot (POL); Halpin, Michael (POL); Farrell, Sean (POL)
Cc: Mason, Christopher (POL); Range, Scott (POL); Tapis, Stephen C (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Morning,

Please see the attached draft. It incorporates some very minor changes (which have been tracked and can be accepted or not.)

There is one change that I did not want to make without consultation –

- On page 6, "Security" section, first bullet: should the first sentence read "The Department will operate *the ALPR system* in a secure facility protected from external intrusion and will utilize secure internal and external safeguards against network intrusions."?

Also, as you may have discovered, the formatting of these word documents can be very quirky, so when all revisions have been finalized and the document is ready for promulgation, Trooper Tapis and I will do the final formatting.

Respectfully,
KME

From: Quinn, Dermot (POL)
Sent: Tuesday, September 17, 2019 6:50 PM
To: Halpin, Michael (POL); Farrell, Sean (POL); England, Kara (POL); Tapis, Stephen C (POL)
Cc: Mason, Christopher (POL); Range, Scott (POL)
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Evening All,

The Fusion Center needs to be in compliance with three new requirements from DHS to continue to be eligible for HSGF. The first is an MOU between the CFC and DHS. Major Range and his team have already submitted our proposal to DHS for comments. Second, a facial recognition SOP is required and a draft of that document has been submitted to Legal Section for comment. Lastly, an LPR policy that incorporates elements from the BJA LPR Policy Template is required. This email addresses that issue. Attached please find an edited version of the existing MSP ALPR Policy (TRF-11). The edits that have been prepared by Major Range and his team incorporate the required elements from the BJA template required by DHS (See attached BJA LPR Policy Template). We are very open to editing, including grammar and style, and obviously any guidance on legal issues that our edits may present.

Please keep in mind that these are requirements are from DHS, and placed on the CFC in order to continue to receive Homeland Security Grant Funding. HSGF provides the MSP the financial resources to keep the CFC operating. We appreciate your attention to this matter as we need to have this in place by the end of the month.

Respectfully,

Lieutenant Colonel Dermot J. Quinn #1765
Division Commander
Division of Homeland Security & Preparedness
Massachusetts State Police
<image001.png>

From: Range, Scott (POL) <scott.range@pol.state.ma.us>
Sent: Tuesday, September 17, 2019 6:23 PM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
Subject: Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Sent from my iPhone

Begin forwarded message:

> **From:** "Range, Scott (POL)" <scott.range@pol.state.ma.us>
> **Date:** September 9, 2019 at 6:23:30 PM EDT

To: "Dermot Quinn (dermot.quinn@massmail.state.ma.us)" <dermot.quinn@massmail.state.ma.us>
Cc: "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Warren, Rosemary (POL)" <Rosemary.Warren@pol.state.ma.us>
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Lt. Col. Quinn,

As requested, the changes that were discussed last Friday have been made to the attached updated DRAFT.

Respectfully,
Scott

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guidelines. Any additional thoughts or suggestions are welcome.

Thanks,
Jason

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Sent: Wednesday, September 04, 2019 5:58 PM
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Cc: Quinn, Dermot (POL); Gawron, Stephen (POL)
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Thank again for your work on this. We appreciate it.

<TRF-11 Automatic License Plate Recognition DRAFT UPDATE 09262019.docx>

From:	Mullaney, Arielle (EPS)
To:	DeAngelis, Alycia (POL)
Subject:	Fwd: Emailing: CJIS Global Policy Final - Signed Version, List of departments ALPR, ALPR Law Enforcement Dept Model Policy - Final 20131008
Date:	Wednesday, July 3, 2019 12:33:01 PM
Attachments:	CJIS Global Policy Final - Signed Version.pdf ATT00001.htm ALPR Law Enforcement Dept Model Policy - Final 20131008.pdf ATT00002.htm

---

Please see below for DCJIS policies concerning the ALPR public records request.

Thanks!

Sent from my iPhone

Begin forwarded message:

> **From:** "Koulouris, Agapi (CHS)" <agapi.koulouris@mass.gov>
> **To:** "Mullaney, Arielle (EPS)" <Arielle.Mullaney@mass.gov>
> **Subject: Fwd: Emailing: CJIS Global Policy Final - Signed Version, List of departments ALPR, ALPR Law Enforcement Dept Model Policy - Final 20131008**
>
> Hi Arielle,
>
> I have attached the two policies that are responsive to the correspondence you forwarded me earlier today. I am also sending a follow up email to Tim and Commissioner Slater for additional information.
>
> The Global Justice Policy indicates that the agency that contributed the data is the record custodian for public records request purposes. We could cite this as well.
>
> The ALPR policy indicates that data is purged after one year and is only available to other law enforcement agencies or public safety purposes.
>
> In the case of a civil lawsuit, if we or the vendor even have the data, I think we assert that they need to submit a request to a court for a court order to release the data, if available. Consistent with our response to the Globe this would not be public record.
>
> Thanks,
> Agapi

From: brian.egnitz@pol.state.ma.us
To: Deas, James (POL)
Subject: Fwd: Hello and Happy New Year
Date: Wednesday, January 9, 2019 2:08:21 PM
Attachments: image001.png
ATT00001.htm
KSI-OpenALPR Deck DOS-AAB.pdf
ATT00002.htm

Begin forwarded message:

From: Dave Brown <dave.brown@Globalpublicsafety.us>
Date: January 9, 2019 at 9:31:54 AM EST
To: "brian.egnitz@state.ma.us" <brian.egnitz@pol.state.ma.us>
Subject: Hello and Happy New Year

Hi Brian, I hope everything is going great at the MSP! I am working for Global Public Safety now and our sister company is big in ALPR as well as speed and move over cameras that also attach citations. They have a product that enables all IP cameras to function as ALPRs. Is something you have any interest in? I have a technical rep in the area Thursday and Friday if you are interested in a quick 30 min coffee discussion to kick the tires. I have attached a small powerpoint that discuss what the system does. This system works with the Neology system you have.

If you are unavailable we can plan another time if you have any interest.

Thank you

<!--[if !vml]-->

From: Egnitz, Brian (POL)
To: Deas, James (POL)
Subject: Fwd: Hello and Happy New Year
Date: Wednesday, January 9, 2019 2:08:24 PM
Attachments: image001.png
ATT00001.htm
KSI-OpenALPR Deck DOS-AAB.pdf
ATT00002.htm

Begin forwarded message:

From: Dave Brown <dave.brown@Globalpublicsafety.us>
Date: January 9, 2019 at 9:31:54 AM EST
To: "brian.egnitz@state.ma.us" <brian.egnitz@pol.state.ma.us>
Subject: Hello and Happy New Year

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If you are unavailable we can plan another time if you have any interest.

Thank you

<!--[if !vml]-->

From: Quinn, Dermot (POL)
To: Mason, Christopher (POL); Range, Scott (POL); Warren, Rosemary (POL)
Subject: Fwd: Northeast Healthcare Law Enforcement Association, May 2019 Conference
Date: Monday, March 4, 2019 10:12:20 PM

Yes sir.

Scott,

Let's discuss how best to address this group. We can put our best foot forward and show what we have to offer. I'm thinking a combination of PP and on line real time demos (sanitized).

We can discuss the details tomorrow and then check with the Deputy.

Rose,

Please add this to my calendar.

Thanks

Dermot

Sent from my Verizon 4G LTE smartphone

-------- Original message --------
From: "Mason, Christopher (POL)" <Chris.Mason@pol.state.ma.us>
Date: 3/4/19 5:09 PM (GMT-05:00)
To: "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>
Subject: FW: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Sir,
I spoke with Mr. Pfister regarding the below request. He stated that NESPIN would be speaking and asked if the MSP wanted to add what they could add to an investigation. I stated that the CFC could speak to what services they provide (Coplink, Facial Rec, Lineups, ALPR,BOLOs, etc,) investigators. He indicated that he would like that and could add the CFC to agenda. I will attend on May 15th to represent the MSP. DO we have a rep from the CFC that could present on that day?

Lieutenant Colonel Christopher S. Mason
Deputy Superintendent
Massachusetts State Police
470 Worcester Road
Framingham, MA. 01720
508.820.2330

From: Pfister, Steven (AGO)
Sent: Sunday, March 3, 2019 7:03 PM
To: Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>
Cc: Gilpin, Kerry (POL) <kerry.gilpin@pol.state.ma.us>
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference

My office line is 617-963-2699. I look forward to speaking with you.

From: Mason, Christopher (POL) <chris.mason@pol.state.ma.us>
Sent: Sunday, March 3, 2019 6:48 PM
To: Pfister, Steven (AGO)
Cc: Gilpin, Kerry (POL)
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Steven,
Thank you and I will contact you tomorrow to discuss the details.

Lt. Colonel Christopher Mason
Deputy Superintendent
Massachusetts State Police

On Mar 3, 2019, at 6:22 PM, Pfister, Steven (AGO) <steven.pfister@mass.gov> wrote:

> Colonel Gilpin,
>
> Thank you for getting back to me and sorry you will not be able to attend. We would absolutely like a representative from your organization to attend and give a briefing if possible. Deputy Superintendent Mason, I look forward to hopefully working with you. Please let me know if you have any further questions.
>
> Best,
>
> Steven Pfister
> Investigator
> Massachusetts Office of the Attorney General
>
> ---
>
> **From:** Gilpin, Kerry (POL) <kerry.gilpin@pol.state.ma.us>
> **Sent:** Sunday, March 3, 2019 5:57 PM
> **To:** Pfister, Steven (AGO)
> **Cc:** Mason, Christopher (POL)
> **Subject:** Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Steven,

Thank you very much for the invitation. Unfortunately, I have a previous commitment on those dates. I have copied Deputy Superintendent Chris Mason above. We will ensure that there is MSP representation at the conference.

Respectfully,

Kerry

Colonel Kerry A. Gilpin
Superintendent
Massachusetts State Police
470 Worcester Road
Framingham, MA 01702
508-820-2350

CONFIDENTIALILTY NOTICE: The information contained in this email and any attachment(s) is privileged and confidential law enforcement information. If you are not the intended recipient, you are hereby notified that any disclosure, dissemination, or copying of this communication is strictly prohibited. If you have received this message in error, please delete this email immediately.

From: Pfister, Steven (AGO)
Sent: Monday, February 25, 2019 2:21 PM
To: Gilpin, Kerry (POL)
Cc: Ucuz, Gregoire (AGO)
Subject: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Colonel Gilpin,

We are reaching out from the Massachusetts Attorney General's Office MFCU in regards to the Northeast Healthcare Law Enforcement Association (NHLEA) conference which will be held on **MAY 15th and 16th, 2019** at the **Sheraton Four Points**, located at 3800 State Highway, **Eastham, MA** 02642.

NHLEA has been in existence since 1995 with Massachusetts as a founding member. NHLEA was established with the dual purpose of promoting joint

healthcare fraud enforcement investigations and providing staff training opportunities. NHLEA is comprised of representatives from the six New England states and New York. The members include staff from the Medicaid Fraud Control Units (MFCUs) of seven states, the United States Attorney's Office (USAO), the Regional Office of Inspector General (DHHS/OIG/OI), the Federal Bureau of Investigations, the Drug Enforcement Agency, the Food and Drug Administration (FDA), and the Massachusetts Board of Registry in Medicine (BORIM).

Established as the first regional organization of state and federal healthcare fraud professionals, NHLEA's mission is to develop practical, results-oriented strategies to combat fraud and abuse in the medical field. The NHLEA pursues its mission by promoting the sharing of information and resources among its members and by improving interagency cooperation and federal-state relations in the fight against healthcare fraud.

MFD plans to host the conference on either an annual or biannual basis in conjunction with the Rhode Island MFCU and DHHS/OIG/OI. Attached is an agenda of the training when it was last hosted in 2014.

Lodging:

There are 40 rooms held for a government rate of $113/night, available for check-in on May 14th and check-out on May 16th (two night stay). The deadline to book rooms at the government rate is April 1st. Breakfast will be included both mornings. A link to the hotel's website is here. Please mention the NHLEA conference when booking.

Attendance:

Even though each attendee or unit shall book rooms directly with the hotel on a first-come first-serve basis, once you have a sense of how many attendees your unit plans to send please let us know. There is no cost for the program.

Presentations:

At this time we are accepting proposals for presentations. Attached is a *Call for Presentation* form. The deadline to submit proposals to us is March 15th. Also attached, is a past NHLEA agenda to give you a sense of past topics. We encourage you to submit any and all topics for the purpose of establishing a well-rounded training agenda.

Please do not hesitate to reach out if you have any questions. We look forward to sharing this training opportunity with you all.

Best,

Steven Pfister

Investigator

Medicaid Fraud Division

MA Office of the Attorney General

(617) 963-2699

From:	Quinn, Dermot (POL)
To:	Gilpin, Kerry (POL); Mason, Christopher (POL); Procopio, David (POL); Reidy, Terrence (EPS); Halpin, Michael (POL)
Subject:	Fwd: NYPD-NJSP LPR Biweekly Meeting
Date:	Saturday, April 6, 2019 10:24:49 AM
Attachments:	image001.png NYPD_DAS_Privacy_Policy.pdf

All,

FYI re NYPD alpr. I have not had a chance to review it yet but will get to ithe over the weekend

Sent from my Verizon 4G LTE smartphone

-------- Original message --------
From: "LUCAS, AARON" <AARON.LUCAS@nypd.org>
Date: 4/5/19 4:52 PM (GMT-05:00)
To: "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>
Subject: RE: NYPD-NJSP LPR Biweekly Meeting

Lt. Col. Quinn,

Our legal representatives have given us permission to release a copy of the official Privacy Policy to you. The policy was written for the Domain Awareness System including CCTV data and LPR data.

Feel free to contact me with any questions.

Thank you.

Sgt. Aaron Lucas

NYPD Information Technology Bureau

Strategic Technology Division

(646)763-0871

From: Quinn, Dermot (POL) <dermot.quinn@state.ma.us>
Sent: Wednesday, April 3, 2019 2:05 PM
To: LUCAS, AARON <AARON.LUCAS@nypd.org>; James Sheehan <jsheehan@nnjuasi.org>; KUSROW, DANIEL <DANIEL.KUSROW@nypd.org>; SCHROEDER, RICHARD <RICHARD.SCHROEDER@nypd.org>
Subject: RE: NYPD-NJSP LPR Biweekly Meeting

Thanks for the quick reply Sergeant. Would it be possible for you to email me the NYPD policy on ALPR?

Thanks

617 590-1450

Lieutenant Colonel Dermot J. Quinn #1765

Division Commander

Division of Homeland Security & Preparedness

Massachusetts State Police



From: LUCAS, AARON <AARON.LUCAS@nypd.org>
Sent: Wednesday, April 3, 2019 2:00 PM

To: James Sheehan <jsheehan@nnjuasi.org>; KUSROW, DANIEL <DANIEL.KUSROW@nypd.org>; SCHROEDER, RICHARD <RICHARD.SCHROEDER@nypd.org>
Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
Subject: RE: NYPD-NJSP LPR Biweekly Meeting

Major Quinn,

The short answer is that we retain LPR data for five years. Uniformed Members of the Service have access to the LPR data on department computers and smartphones utilizing their department network credentials for general plate searches. For searches that require more detail and extensive searching and filtering Uniformed Members of the Service can contact our Lower Manhattan Security Initiative (LMSI) command center for assistance. The officers at LMSI require a short form to be filled out before assisting in any investigations involving plate data to ensure the integrity of the searches.

Let us know if you are looking for the actual legal documentation, and we can work on getting that as well. Feel free to contact me directly with any questions that you may have.

Thanks.

Sgt. Aaron Lucas

NYPD Information Technology Bureau

Strategic Technology Division

(646)763-0871

From: James Sheehan <jsheehan@nnjuasi.org>
Sent: Wednesday, April 3, 2019 1:48 PM
To: LUCAS, AARON <AARON.LUCAS@nypd.org>; KUSROW, DANIEL <DANIEL.KUSROW@nypd.org>; SCHROEDER, RICHARD <RICHARD.SCHROEDER@nypd.org>
Cc: 'Quinn, Dermot (POL)' <dermot.quinn@state.ma.us>

Subject: RE: NYPD-NJSP LPR Biweekly Meeting

Alcon

Copied on this email is Major Dermot Quin from the Massachusetts State Police who attended the ALPR summit in January. Can any of you provide Major Quinn with the NYPD ALPR use and retention policy?

Jim

James J Sheehan

Program Manager

Northern NJ-Newark/Jersey City UASI

30 King Road

Totowa, NJ 07512

(973) 837-7698 Office

(201) [redacted] Cell

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From: brian.egnitz@pol.state.ma.us
To: Thibault, Amy (POL); Quinn, Dermot (POL)
Subject: Fwd: SOW
Date: Wednesday, April 24, 2019 7:46:43 AM
Attachments: MSP SOW_20190123_rev3_TM.docx
ATT00001.htm

Boss quote

Begin forwarded message:

From: John Tedona <jtedona@neology.net>
Date: March 13, 2019 at 9:54:13 AM EDT
To: "Egnitz, Brian (POL)" <brian.egnitz@pol.state.ma.us>, Peter Crary <pcrary@neology.net>
Subject: RE: SOW

You had suggested that I use SHI. Do you prefer BCM?

I think Maintenance is the entirety of the SOW. What exactly do you want the SOW to cover.

John Tedona
PIPS TECHNOLOGY - A Neology Business
Sales Manager
12760 Danielson Ct. Suite A
Poway, CA 92064
Phone: 201-841-6237
Email: jtedona@neology.net
PIPS Support: support@pipstechnology.com 833-747-7577, Option 1 for sales, Option 2 for Support
www.pipstechnology.com

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Wednesday, March 13, 2019 7:16 AM
To: John Tedona <jtedona@neology.net>
Subject: Re: SOW

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

I think so, can we get the maintenance split out separate. If your already working with SHI m, I need the massport scope from an approved reseller. BCM or SHI.

On Mar 12, 2019, at 7:09 PM, John Tedona <jtedona@neology.net> wrote:

Will this happen?

John Tedona
PIPS TECHNOLOGY - A Neology Business
Sales Manager
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Phone: 201-841-6237
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From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Tuesday, March 12, 2019 7:01 PM
To: John Tedona <jtedona@neology.net>
Subject: Re: SOW

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Yes, Tim also reached out to shi.

On Mar 12, 2019, at 5:58 PM, John Tedona <jtedona@neology.net> wrote:

> I was contacted by SHI (a month after I sent them the SOW) to sign a few agreements so they can handle SOW procurement. Before I go down this path do you know if EOPS is still interested in PIPS maintaining the BOSS backend? Should I reach out to Tim Mitchell to enquire same?
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>
> <image001.png>
> A <image004.png> Business
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> Email: jtedona@neology.net

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<MSP SOW_20190123_rev3_TM.docx>

From:	Egnitz, Brian (POL)
To:	Thibault, Amy (POL); Quinn, Dermot (POL)
Subject:	Fwd: SOW
Date:	Wednesday, April 24, 2019 7:46:44 AM
Attachments:	MSP SOW_20190123_rev3_TM.docx ATT00001.htm

Boss quote

Begin forwarded message:

From: John Tedona <jtedona@neology.net>
Date: March 13, 2019 at 9:54:13 AM EDT
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<MSP SOW_20190123_rev3_TM.docx>

From: brian.egnitz@pol.state.ma.us
To: Mitchell, Timothy (EPS)
Subject: Fwd: SOW Draft
Date: Monday, March 4, 2019 6:00:51 PM
Attachments: MSP SOW_20190123_rev2_PC.docx
ATT00001.htm

Begin forwarded message:

From: John Tedona <jtedona@neology.net>
Date: March 4, 2019 at 5:37:36 PM EST
To: "Egnitz, Brian (POL)" <brian.egnitz@pol.state.ma.us>
Subject: RE: SOW Draft

Here's the revised document.

2.2 (a.) Maynard has been changed to Chelsea

2.3 (f.) Bulk deletion of data from the BOSS warehouse has been changed to read Ensure the compliance of ALPR data retention policies within BOSS through periodic audits and any needed purging beyond the system capabilities.

-
-

John Tedona
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www.pipstechnology.com

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Friday, March 1, 2019 11:54 AM
To: John Tedona <jtedona@neology.net>
Subject: FW: SOW Draft

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Can you please modify or clarifiy

From: Mitchell, Timothy (EPS)
Sent: Thursday, February 28, 2019 12:42 PM
To: Egnitz, Brian (POL)
Subject: RE: SOW Draft

Brian
I have sent this for review and comment to my supervisors. I made a few small notations and have attached it to this email.
Thanks

Timothy Mitchell
Massachusetts Executive Office of Public Safety and Security
Office of Technology and Information Services
Enterprise and Field Services Support Division
Public Safety Data Center
200 Arlington St., Suite 2200
Chelsea, MA 02150
(P) 617.660.4665
(F) 617.884.4601
(E) timothy.mitchell@state.ma.us
http://www.mass.gov/eops

From: Egnitz, Brian (POL)
Sent: Wednesday, January 30, 2019 8:25 PM
To: Mitchell, Timothy (EPS)
Subject: Fwd: SOW Draft

Rev. 2

Begin forwarded message:

> **From:** John Tedona <jtedona@neology.net>
> **Date:** January 30, 2019 at 10:22:30 AM EST
> **To:** "Egnitz, Brian (POL)" <brian.egnitz@pol.state.ma.us>
> **Cc:** Peter Crary <pcrary@neology.net>
> **Subject: RE: SOW Draft**
>
> Good catch. Done. Please see attached. Let me know when this has been approved and what the next steps are to begin. Note that the SOW has Feb 1, 2019 as the start so I assume the terms will slide until we

receive approval notification from SHI.

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From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Friday, January 25, 2019 2:08 PM
To: John Tedona <jtedona@neology.net>
Cc: Peter Crary <pcrary@neology.net>
Subject: RE: SOW Draft

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Looks good John,

Can you please remove this language, its leftover from the template

(1) Determine if issue requires a mapping correction and fix that if covered under the 10 hours.

From: John Tedona [mailto:jtedona@neology.net]
Sent: Wednesday, January 23, 2019 5:27 PM
To: Egnitz, Brian (POL)
Cc: Peter Crary
Subject: SOW Draft

Brian,

Take a look at the attached SOW. To simplify things we used your sample as a guide. After you had a chance to read it over I'd like to have a conference call with you and Peter to discuss any modifications that need to be addressed.

Thanks,

From: Egnitz, Brian (POL)
To: Mitchell, Timothy (EPS)
Subject: Fwd: SOW Draft
Date: Monday, March 4, 2019 6:00:52 PM
Attachments: MSP SOW_20190123_rev2_PC.docx
ATT00001.htm

Begin forwarded message:

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Date: March 4, 2019 at 5:37:36 PM EST
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Sent: Friday, March 1, 2019 11:54 AM
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Timothy Mitchell
Massachusetts Executive Office of Public Safety and Security
Office of Technology and Information Services
Enterprise and Field Services Support Division
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200 Arlington St., Suite 2200
Chelsea, MA 02150
(P) 617.660.4665
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Cc: Peter Crary
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Brian,

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Thanks,

From: Quinn, Dermot (POL)
To: Egnitz, Brian (POL)
Subject: Fwd: TRF-11 Draft
Date: Monday, September 30, 2019 1:17:15 PM
Attachments: TRF-11 Automatic License Plate Recognition Revised October 2019 DRAFT with highlights.pdf

---

B

Can you give this a quick read and see if you see anything that is an issue.

Thanks

Dermot

Get Outlook for Android

From: Tapis, Stephen C (POL) <Stephen.C.Tapis@pol.state.ma.us>
Sent: Monday, September 30, 2019 12:56:32 PM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
Cc: Losardo, Donna (POL) <donna.losardo@pol.state.ma.us>; England, Kara (POL) <kara.england@pol.state.ma.us>
Subject: TRF-11 Draft

Lt. Colonel Quinn-

Per your request, please find attached the Draft TRF-11.

Respectfully-

Trooper Stephen Tapis #3888
Massachusetts State Police
Strategic Planning Section
470 Worcester Road
Framingham, MA 01702
(508) 820-2309

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From: Quinn, Dermot (POL)
To: Range, Scott (POL); Stelmat, Jason (POL)
Subject: Fwd: TRF-11 editable word doc
Date: Thursday, September 5, 2019 11:53:04 AM
Attachments: TRF-11 Automatic License Plate Recognition editable DRAFT.DOC

Get Outlook for Android

From: England, Kara (POL) <kara.england@pol.state.ma.us>
Sent: Thursday, September 5, 2019 11:50:43 AM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
Subject: TRF-11 editable word doc

Sir,

Per your request, please see attached TRF 11 word doc for editing

Respectfully,

Kara M. England
Lieutenant
Commander, Office of Strategic Planning
Massachusetts State Police
470 Worcester Road
Framingham, MA 01701
Tel: 508-988-7439

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From: scott.range@pol.state.ma.us
To: Quinn, Dermot (POL)
Subject: Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Tuesday, September 17, 2019 6:22:44 PM
Attachments: TRF-11 Automatic License Plate Recognition DRAFT UPDATE 09092019.docx
ATT00001.htm

Sent from my iPhone

Begin forwarded message:

> **From:** "Range, Scott (POL)" <scott.range@pol.state.ma.us>
> **Date:** September 9, 2019 at 6:23:30 PM EDT
> **To:** "Dermot Quinn (dermot.quinn@massmail.state.ma.us)" <dermot.quinn@massmail.state.ma.us>
> **Cc:** "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Warren, Rosemary (POL)" <Rosemary.Warren@pol.state.ma.us>
> **Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements**
>
> Lt. Col. Quinn,
>
> As requested, the changes that were discussed last Friday have been made to the attached updated DRAFT.
>
> Respectfully,
> Scott
>
> ---
>
> **From:** Range, Scott (POL)
> **Sent:** Friday, September 06, 2019 12:59 PM
> **To:** Warren, Rosemary (POL)
> **Subject:** Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> > **From:** "Stelmat, Jason (POL)" <Jason.Stelmat@pol.state.ma.us>
> > **Date:** September 5, 2019 at 1:40:17 PM EDT
> > **To:** "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>, "Range, Scott (POL)" <scott.range@pol.state.ma.us>, "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Brooks, Brian (POL)" <brian.brooks@pol.state.ma.us>

Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good afternoon,
I apologize for the delay in distributing this. I was able to recreate the original TRF-11 in a much more workable format in Word. I've made some additions (highlighted in the attached document) which I believe brings us up to speed with respect to DHS grant requirements. I did not remove anything from the existing TRF-11, but ended up adding approximately 3 pages to the current policy. I did my best to exclude irrelevant or unnecessary portions of the BJA guidelines. Any additional thoughts or suggestions are welcome.

Thanks,
Jason

From: Brooks, Brian (POL)
Sent: Wednesday, September 04, 2019 5:58 PM
To: Range, Scott (POL); Stelmat, Jason (POL)
Cc: Quinn, Dermot (POL); Gawron, Stephen (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Please see attached

From: Range, Scott (POL) <scott.range@pol.state.ma.us>
Sent: Wednesday, September 4, 2019 5:57 PM
To: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>; Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>
Subject: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Jason,

As discussed, the existing TRF-11 is attached in a PDF format. Lt. Brooks will have someone try to un-PDF it now and then email it back to this group.

On Thursday, please mark up a new TRF-11 DRAFT with the suggested changes that are needed to comply with the template pursuant to the new DHS HSGP Grant Requirements. Then send that document back to this group on Thursday so Lt. Col. Quinn can work with GHQ to try and get TRF-11 fully updated prior to the end of this month to comply.

Thank again for your work on this. We appreciate it.

From: Range, Scott (POL)
To: Warren, Rosemary (POL)
Subject: Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Friday, September 6, 2019 12:59:21 PM
Attachments: Automated License Plate Recognition (DRAFT SOP 09.05.2019).docx
ATT00001.htm

Sent from my iPhone

Begin forwarded message:

> **From:** "Stelmat, Jason (POL)" <Jason.Stelmat@pol.state.ma.us>
> **Date:** September 5, 2019 at 1:40:17 PM EDT
> **To:** "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>, "Range, Scott (POL)" <scott.range@pol.state.ma.us>, "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Brooks, Brian (POL)" <brian.brooks@pol.state.ma.us>
> **Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements**
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>
> Thanks,
> Jason
>
> ---
>
> **From:** Brooks, Brian (POL)
> **Sent:** Wednesday, September 04, 2019 5:58 PM
> **To:** Range, Scott (POL); Stelmat, Jason (POL)
> **Cc:** Quinn, Dermot (POL); Gawron, Stephen (POL)
> **Subject:** RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
>
> Please see attached
>
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>
> **From:** Range, Scott (POL) <scott.range@pol.state.ma.us>
> **Sent:** Wednesday, September 4, 2019 5:57 PM
> **To:** Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
> **Cc:** Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>; Brooks, Brian (POL)

<brian.brooks@pol.state.ma.us>
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From: scott.range@pol.state.ma.us
To: Warren, Rosemary (POL)
Subject: Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Friday, September 6, 2019 12:59:20 PM
Attachments: Automated License Plate Recognition (DRAFT SOP 09.05.2019).docx
ATT00001.htm

Sent from my iPhone

Begin forwarded message:

From: "Stelmat, Jason (POL)" <Jason.Stelmat@pol.state.ma.us>
Date: September 5, 2019 at 1:40:17 PM EDT
To: "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>, "Range, Scott (POL)" <scott.range@pol.state.ma.us>, "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Brooks, Brian (POL)" <brian.brooks@pol.state.ma.us>
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Cc: Quinn, Dermot (POL); Gawron, Stephen (POL)
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Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>; Brooks, Brian (POL)

<brian.brooks@pol.state.ma.us>
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From: Range, Scott (POL)
To: Quinn, Dermot (POL)
Subject: Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Tuesday, September 17, 2019 6:22:45 PM
Attachments: TRF-11 Automatic License Plate Recognition DRAFT UPDATE 09092019.docx
ATT00001.htm

Sent from my iPhone

Begin forwarded message:

> **From:** "Range, Scott (POL)" <scott.range@pol.state.ma.us>
> **Date:** September 9, 2019 at 6:23:30 PM EDT
> **To:** "Dermot Quinn (dermot.quinn@massmail.state.ma.us)" <dermot.quinn@massmail.state.ma.us>
> **Cc:** "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Warren, Rosemary (POL)" <Rosemary.Warren@pol.state.ma.us>
> **Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements**
>
> Lt. Col. Quinn,
>
> As requested, the changes that were discussed last Friday have been made to the attached updated DRAFT.
>
> Respectfully,
> Scott
>
> ---
>
> **From:** Range, Scott (POL)
> **Sent:** Friday, September 06, 2019 12:59 PM
> **To:** Warren, Rosemary (POL)
> **Subject:** Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> > **From:** "Stelmat, Jason (POL)" <Jason.Stelmat@pol.state.ma.us>
> > **Date:** September 5, 2019 at 1:40:17 PM EDT
> > **To:** "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>, "Range, Scott (POL)" <scott.range@pol.state.ma.us>, "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Brooks, Brian (POL)" <brian.brooks@pol.state.ma.us>

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Thank again for your work on this. We appreciate it.

From: Fecteau, Robert
To: Egnitz, Brian (POL)
Subject: Genetec FlexReader
Date: Thursday, March 14, 2019 1:47:09 PM
Attachments: image001.png
image002.png
image003.png
image004.png
Flexreader Datasheet.pdf
Flexreader Camera Considerations.pdf

Brian,
Attached, please find the information that we discussed last week on Genetec's 'FlexReader' LPR analytic. We've requested that a 90-day demo connection be added to MSP's existing Genetec license, and will be forwarding it along as soon as we have it.

Genetec has one camera model that they've certified/tested with FlexReader, but any Genetec-compatible camera (like the Axis one you have) can be used if it meets with the requirements of the attached guide.

Please remember that this guide was developed for a sort of "poor man's" fixed LPR solution, and was created without the mobile/covert concept that you're attempting in-mind (i.e. the references to IR).

FYI,
Bob

COMFORT SYSTEMS USA
BCM Controls Corporation

BOB FECTEAU
VICE PRESIDENT - STRATEGIC BUSINESS
(781) 897-5152 DIRECT
(781) 879-9554 MOBILE

From: Dave Brown
To: Egnitz, Brian (POL)
Subject: Hello and Happy New Year
Date: Wednesday, January 9, 2019 9:32:16 AM
Attachments: image001.png
KSI-OpenALPR Deck DOS-AAB.pdf

Hi Brian, I hope everything is going great at the MSP! I am working for Global Public Safety now and our sister company is big in ALPR as well as speed and move over cameras that also attach citations. They have a product that enables all IP cameras to function as ALPRs. Is something you have any interest in? I have a technical rep in the area Thursday and Friday if you are interested in a quick 30 min coffee discussion to kick the tires. I have attached a small powerpoint that discuss what the system does. This system works with the Neology system you have.

If you are unavailable we can plan another time if you have any interest.

Thank you

Dave Brown
Director Mobile Technology
Global Publc Safety
240-904-4307
Dave.brown@globalpublicsafety.us

From: IACAList on behalf of iacalist-request@listserve.com
To: iacalist@listserve.com
Subject: IACAList Digest, Vol 152, Issue 27
Date: Wednesday, March 27, 2019 8:50:44 AM

Send IACAList mailing list submissions to
iacalist@listserve.com

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where you receive list emails, please visit the IACA website at
https://urldefense.proofpoint.com/v2/url?u=http-3A__www.iaca.net&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=oVLNvHsJ5C4LL8H8REn3yd074JPvOmvzsczC2YNNeWY&e=. Log into the members area and go to My Account --
Discussion List Preferences. Your settings may take up to one week to
go into effect.

You can review the list posting guidelines at
https://urldefense.proofpoint.com/v2/url?u=http-3A__www.iaca.net_Downloads_iaca-5Flist-5Fguidelines.pdf&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=r8qTtCIzbzb3jm-lxR6qVnQ9JBcrmFhnP72kYGu7uRM&e=

You can reach the person managing the list at
iacalist-owner@listserve.com

When replying, please edit your Subject line so it is more specific
than "Re: Contents of IACAList digest..."

Today's Topics:

1. Re: Spoofing App? (Pepe, Ralph)
2. Re: Spoofing App? (Trish Hanly)
3. Database test bank system for promotional exams (Gulde, Alexander)
4. Re: Best Product for GPS ALPR and Incident Investigations (Robert Grant)
5. Excel: Share Workbook (Erica Taylor)
6. Prosecution Analysts Mailing List (Wickersham Erin)

Message: 1
Date: Tue, 26 Mar 2019 19:00:58 +0000
From: "Pepe, Ralph" <RPepe@cargonet.com>
To: Jeffrey Fitzhenry <jeffrey.fitzhenry@bluelightllc.com>, Frank B Johnson <Frank.B.Johnson@ibm.com>, "Oldham, Erin" <eoldham@cityofnsb.com>
Cc: IACAList <iacalist-bounces+frank.b.johnson=ibm.com@listserve.com>, "iacalist@iaca.net" <iacalist@iaca.net>
Subject: Re: [IACA] Spoofing App?
Message-ID: <e2455c6a4eba4ab7aa14d0b80c09cdfe@VAW1PWINFMBXP3.veriskdom.com>
Content-Type: text/plain; charset="utf-8"

TextNow as well. They have a mobile app and web app. I?ve tested signing up via web app; create a throwaway Google account, sign up using that account, and you?re in with a phone number in any area code you specify. No other verification. Trucking has a lot of problems with identity theft. Most of the identity thieves we deal with use TextNow these days and use it to scam money orders or steal truckloads of freight. No more getting caught on surveillance buying burners.

In addition to caller ID spoofing, there?s also SIM swap attacks. The scam there is socially engineering your provider to change your phone service to a SIM card they are in possession of. Once that?s done, they?d receive all your texts and be able to make any calls as you. https://urldefense.proofpoint.com/v2/url?u=https-3A__krebsonsecurity.com_2019_03_why-2Dphone-2Dnumbers-2Dstink-2Das-2Didentity-2Dproof_&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=2DGy0iIl2Wo12TSarbF6li43Z43GVOpa1-2xx65t5n0&e=.

Ralph Pepe
Sr. Crime Intelligence Analyst
CargoNet

Phone: +1.201.268.3212 | Fax: +1.201.748.1662

[Verisk]<https://urldefense.proofpoint.com/v2/url?u=http-3A__www.verisk.com_&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=AzvqEYFFgmJBZVcol6F9KlGNKWpSh19wjd9d03hxIpU&e=>

verisk.com<https://urldefense.proofpoint.com/v2/url?u=http-3A__www.verisk.com_&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=AzvqEYFFgmJBZVcol6F9KlGNKWpSh19wjd9d03hxIpU&e=> | vCard<https://urldefense.proofpoint.com/v2/url?u=http-3A__dynasend.com_signatures_vcard_RPepe-2Dat-2Dcargonet.com.vcf&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=GWPfqRhjVfBM3L1abqnCz0WGjtU2WLNI5MqJn1gyPvA&e=> | Map<https://urldefense.proofpoint.com/v2/url?u=https-3A__www.google.com_maps_place_545-2BWashington-2BBlvd-2C-2BJersey-2BCity-2C-2BNJ-2B07310_-4040.727784-2C-2D74.0349663-2C16z_data-3D-214m2-213m1-211s0x89c2575403b2d943-3A0x4a51ee6e7e84fe8c-3Fhl-3Den&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=XSo9vz_h0VH8igV8CS76Q1Z-7qW2C0APEx8tLsLbcJA&e=> | Email<mailto:RPepe@cargonet.com>

[Blog]<https://urldefense.proofpoint.com/v2/url?u=http-3A__www.verisk.com_blog&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=xRiqVZekYkIC7QGRT8kZcb-M1QTELtoW45qB-FJAtEY&e=>[LinkedIn]<https://urldefense.proofpoint.com/v2/url?u=https-3A__www.linkedin.com_company_727063&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=jEhNAAnZqJ7qu8zEEgW0KuQvh2LKOzc3SaJT_WmkB7s&e=>[Twitter]<https://urldefense.proofpoint.com/v2/url?u=http-3A__www.twitter.com_cargonet&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=JHfCo8fmbqhIqsf4MiSRuMQpLzGv1lhJcl6ejqv2_QM&e=>

To report a cargo theft, please call 1-888-595-CNET (2638) or send a theft report to cargotheft@cargonet.com<mailto:cargotheft@cargonet.com>.

Law Enforcement - Visit https://urldefense.proofpoint.com/v2/url?u=http-3A__cargonet.com_lawenforcement&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=rXbzEFNGWg8dvcVIVFon41yFnSzGNqIphfp-Ifb023A&e= to receive free cargo theft alerts and access to the CargoNet database.

From: IACAList <iacalist-bounces+rpepe=cargonet.com@listserve.com> On Behalf Of Jeffrey Fitzhenry via IACAList
Sent: Tuesday, March 26, 2019 2:25 PM
To: Frank B Johnson <Frank.B.Johnson@ibm.com>; Oldham, Erin <eoldham@cityofnsb.com>
Cc: iacalist@iaca.net; IACAList <iacalist-bounces+frank.b.johnson=ibm.com@listserve.com>
Subject: Re: [IACA] Spoofing App?

There is an app that is called Burner that does exactly what you are saying.

Jeffrey Fitzhenry
Senior Territory Manager Law Enforcement
BlueLight LLC
t. 225-241-3594
Jeffrey.fitzhenry@bluelightllc.com<mailto:Jeffrey.fitzhenry@bluelightllc.com>
w. BlueLightLLC.com
a. 1876 Bureau Dr. - Fayetteville, NC 28312
Join us for the 2019 Information to Intelligence Global Summit in New Orleans, June 2019. Learn more.

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From: IACAList <iacalist-bounces+jeffrey.fitzhenry=bluelightllc.com@listserve.com<mailto:iacalist-bounces+jeffrey.fitzhenry=bluelightllc.com@listserve.com>> on behalf of Frank B Johnson via IACAList <iacalist@listserve.com<mailto:iacalist@listserve.com>>
Sent: Tuesday, March 26, 2019 2:03:26 PM
To: Oldham, Erin
Cc: IACAList; iacalist@iaca.net<mailto:iacalist@iaca.net>
Subject: Re: [IACA] Spoofing App?

I hate to say it but there is very little that can be done to prevent this type of spoofing. It is a two part process.

First the caller must acquire data in great swaths, usually through social media, and then due typical toll analysis to to find individuals names associated with numbers found in the initial data scrape.

Only after numbers are collated into paring of high closness using the relationships found by analyzing social media can the caller spoof with a number you are likely to answer.

I image this if only going to get worse as our information is out there, and being correlated for sale by both legitimate companies and those with mal intent.

NOTE: many of use often send emails with signature lines that have our phone numbers. In this instance we have done the correlation for the bad guys. all they need is to find the phone number of someone we have emailed and they are in business.

Frank B. Johnson, MSM, M.Ed

IBM Security, Products Professional Services
EIA, i2 ANB, iBase, QRadar, Enablement Consultant

Focus-Align-Track-Stretch

[cid:image005.gif@01D4E3E4.96A40FD0][cid:image006.gif@01D4E3E4.96A40FD0] [cid:image007.gif@01D4E3E4.96A40FD0]

From: "Oldham, Erin via IACAList" <iacalist@listserve.com<mailto:iacalist@listserve.com>>
To: Shanice Gordon <SGordon@co.lubbock.tx.us<mailto:SGordon@co.lubbock.tx.us>>, "iacalist@iaca.net<mailto:iacalist@iaca.net>" <iacalist@iaca.net<mailto:iacalist@iaca.net>>
Date: 03/26/2019 01:54 PM
Subject: Re: [IACA] Spoofing App?
Sent by: "IACAList" <iacalist-bounces+frank.b.johnson=ibm.com@listserve.com<mailto:iacalist-bounces+frank.b.johnson=ibm.com@listserve.com>>

Hi Shanice,

Spoofing.. In theory, the people being scammed are more apt to answer the phone from a familiar area code. So a person?s number gets cloned at random by someone with the technology to do so, and used at an attempt to scam.

Recently heard of someone receiving irate phone calls back, from people who were being called, using the victims spoofed number.

The only reasonable solution suggested was either changing your number, or looking into an app called ?Should I Answer.? It allows the victim of the spoofing, to filter the returned calls, by only receiving calls from numbers they?ve listed in the app. They suggested the victim of the spoofed number change their voicemail message, saying they?ve had their number spoofed. It also allows them to see the log of people who?ve tried to call the number back. It was reported that once this happened, the number of angry call-backers subsided after a couple of weeks.

I think, unfortunately, people?s numbers just get picked at random. Not sure if there?s a solution. Sorry!

Erin Oldham
FDLE Certified Law Enforcement Analyst
New Smyrna Beach Police Department

246 Industrial Park Avenue, NSB, FL 32168
(W)?386.424.2254 ?(F)386.424.2262

eoldham@cityofnsb.com<mailto:eoldham@cityofnsb.com>

From:IACAList [mailto:iacalist-bounces+eoldham=cityofnsb.com@listserve.com] On Behalf Of Shanice Gordon via IACAList
Sent: Tuesday, March 26, 2019 1:09 PM
To: iacalist@iaca.net<mailto:iacalist@iaca.net>
Subject: [IACA] Spoofing App?

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Good Afternoon Everyone,

I have a question for you all.

Has anyone ever dealt with a case, where a phone call is received showing a number in the victims phone. However, the caller on the line is in fact NOT with the phone or with the actual person said to be calling the phone??

Incident: A civilian received a phone call- the caller ID showed a family member?s name & when the call was answered it turned out to be scammers on the line?.

Is anyone familiar with any ways to track the actual phone call or identify the app used?

Respectfully,

Shanice Gordon, M.A.

Texas Anti-Gang Center

Crime Analyst

P.O. BOX 10536

Lubbock, TX 79408

sgordon@co.lubbock.tx.us<mailto:sgordon@co.lubbock.tx.us>

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Message: 2
Date: Tue, 26 Mar 2019 14:28:56 -0500
From: Trish Hanly <hanlytrish@gmail.com>
To: "Martins, Tabatha" <martinst@ci.newark.nj.us>
Cc: "iacalist@iaca.net" <iacalist@iaca.net>
Subject: Re: [IACA] Spoofing App?
Message-ID: <8583DA8E-BE4A-4DAD-B285-92A0EB9B72E1@gmail.com>
Content-Type: text/plain; charset="utf-8"

For what it?s worth, you can create any number on Google Voice. (And then have it forwarded to your own phone).

I have used this when I did not want to give out my personal number to certain people.

Interestingly, we had a recent situation where a call center agent would call in using multiple Google Voice numbers they had created-and since they could see who was up next for calls-they would answer their own call, keep the line open, hang up after 45 min and then basically fake doing work all day.

Trish Mangnall
Program Analyst
DHS

Sent from my iPhone

> On Mar 26, 2019, at 12:36 PM, Martins, Tabatha via IACAList <iacalist@listserve.com> wrote:
>
> I believe there is a computer program also, where you are able to choose the country and area code. A family member usually uses the internet phone to call me when abroad.
>
> Tabatha Gonzalez
>
> Department of Public Safety
>
> Newark Police Division
>
> Comstat Unit
>
>
>
>
>
> From: IACAList <iacalist-bounces+martinst=ci.newark.nj.us@listserve.com> on behalf of Lasher, Heidi via IACAList <iacalist@listserve.com>
> Sent: Tuesday, March 26, 2019 1:30:32 PM
> To: Shanice Gordon; iacalist@iaca.net
> Subject: Re: [IACA] Spoofing App?
>
> Yes. I get these calls all the time on my personal cell phone. One of the numbers came up as our friend?s number and it turned out to be someone trying to reduce our credit card interest. They use an app to change their actual number from the one they are calling and use a local number. I think it picks the numbers at random and sometimes it just happens to be someone you may know.
>
>
> Heidi R. Lasher

> Intelligence Analyst
> Citrus County Sheriff's Office
> 123 NW Hwy 19,
> Crystal River, FL 34429
> www.sheriffcitrus.org
> 352-795-3107 ext 320
> hlasher@sheriffcitrus.org
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>
> From: IACAList <iacalist-bounces+hlasher=sheriffcitrus.org@listserve.com> On Behalf Of Shanice Gordon via IACAList
> Sent: Tuesday, March 26, 2019 1:09 PM
> To: iacalist@iaca.net
> Subject: [IACA] Spoofing App?
>
> Good Afternoon Everyone,
> I have a question for you all.
>
> Has anyone ever dealt with a case, where a phone call is received showing a number in the victims phone. However, the caller on the line is in fact NOT with the phone or with the actual person said to be calling the phone??
>
> Incident: A civilian received a phone call- the caller ID showed a family member?s name & when the call was answered it turned out to be scammers on the line?.
>
> Is anyone familiar with any ways to track the actual phone call or identify the app used?
>
> Respectfully,
> Shanice Gordon, M.A.
> Texas Anti-Gang Center
> Crime Analyst
> P.O. BOX 10536
> Lubbock, TX 79408
> sgordon@co.lubbock.tx.us
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Message: 3
Date: Tue, 26 Mar 2019 18:57:47 +0000
From: "Gulde, Alexander" <AlexanderGulde@fdle.state.fl.us>
To: "iacalist@iaca.net" <iacalist@iaca.net>
Subject: [IACA] Database test bank system for promotional exams
Message-ID: <884005cb07114df9ae289550c6c6427b@Exchange1.myfdle.net>
Content-Type: text/plain; charset="us-ascii"

Good afternoon -

I need some help with a particular issue. We are currently using a test question database to administer promotional exams and other tests within our training programs. The program we are currently using (LXR Test) is obsolete and the original vendor is no longer in business. Once the upgrade to Windows 10 is happening later this year, we will no longer be able to use the current system. So, I am looking for some leads and recommendations on a new database/ test bank.

What are you using at your agency? What's working and what's not? Do you have a point of contact for me?

Any help is greatly appreciated.

Best,

Alexander S. Gulde

Program Director
Florida Law Enforcement Analyst Academy
Office: 850.410.7534 Mobile: 850.879.8995
AlexanderGulde@fdle.state.fl.us<mailto:AlexanderGulde@fdle.state.fl.us>

Florida Department of Law Enforcement
Bureau of Professional Development
2331 Phillips Road, Tallahassee, FL 32308

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Message: 4
Date: Tue, 26 Mar 2019 19:53:01 +0000
From: Robert Grant <rgrant@casperwy.gov>
To: Katherine Hill <khill@chattanooga.gov>, "iacalist@iaca.net"
<iacalist@iaca.net>
Subject: Re: [IACA] Best Product for GPS ALPR and Incident
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Katherine,
I use ESRI ArcMap for mapping solutions but it is not that user friendly if you are not familiar with it. It is the best GIS software available, very versatile. If you have a GIS department.

If you are just using GPS data and possibly the tracks from the GPS unit you should try Garmin?s Base Camp. It is a very user friendly GPS software program and I believe it is free on the Garmin Website.

https://urldefense.proofpoint.com/v2/url?u=https-3A__www.garmin.com_en-2DUS_shop_downloads_basecamp&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2Zlfo80&s=gwGy_KWCGlSB4qY_QhQUJSC1JdwSQfZ9IUH6wS5BnS4&e=

This link should allow you to learn more about it and see if it is what you are looking for.

Robert Grant
Casper Police Department
Crime Analyst
GIS Specialist
307-235-8489
rgrant@casperwy.gov

From: IACAList [mailto:iacalist-bounces+rgrant=casperwy.gov@listserve.com] On Behalf Of Katherine Hill via IACAList
Sent: Tuesday, March 26, 2019 11:54 AM
To: iacalist@iaca.net
Subject: [IACA] Best Product for GPS ALPR and Incident Investigations

We are searching for the best product to visualize GPS data against our Incidents. For instance, we have a serial offender who had an ankle monitor, we want to load the GPS data, and automate checking for incidents in the vicinity of his location. Is there a product easy enough for Investigators to use, maybe even something that incorporates ALPR data?

Thanks!
--
Katherine Hill 70917
Crime Analyst
Crime Analysis Unit

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[redacted]
khill@chattanooga.gov<mailto:khill@chattanooga.gov>

_____
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Message: 5
Date: Tue, 26 Mar 2019 14:31:09 -0700
From: Erica Taylor <ericataylor778@gmail.com>
To: iacalist@listserve.com
Subject: [IACA] Excel: Share Workbook
Message-ID:
<CALMN9_vgAkcfL+vKABg0UaVRpBJ6JF7biqySZCDfM+ZDVn=MxQ@mail.gmail.com>
Content-Type: text/plain; charset="utf-8"

Hello all,

I'm having trouble with sharing a workbook. I know it sounds pretty simple but something happened to my shared workbook and I can't figure it out.

SCENE: A workbook was created, on a shared drive, for the sergeants to add daily statistics. Once they added their numbers, they simply have to save.

ISSUE: No one is able to save the workbook without having to save as a copy of it. When someone opens it, it is in Read-Only mode. I get several "copy of XXX", copy of copy of XXX" copy of copy of copy of XXX".

*PROBLEM: * How do I change it/save it so that it is shared again? I have gone so far as to recreate the workbook with new spreadsheets. [Nothing copied - all new] I did tests, and it continues to open in Read-Only.

Is anyone out there that can help, please?
Please contact me at erica.taylor@wcpd.org

Many thanks in advance.

--
Erica J. Taylor, Crime Analyst I
West Covina Police Department
1444 W. Garvey Avenue | West Covina, CA 91790
Desk: 626-939-8549 | Fax: 626-939-8653
Email: Erica.Taylor@wcpd.org

"When you get: give. When you learn: teach." - *Maya Angelou*
---------- next part ----------
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Message: 6
Date: Wed, 27 Mar 2019 00:06:26 +0000
From: Wickersham Erin <wickersc@mcao.maricopa.gov>
To: "'iacalist@listserve.com'" <iacalist@listserve.com>
Subject: [IACA] Prosecution Analysts Mailing List
Message-ID:
<BYAPR09MB3368A1567305950386 92BD4499580@BYAPR09MB3368.namprd09.prod.outlook.com>

Content-Type: text/plain; charset="us-ascii"

Hi IACA -

I'm writing about crime and intel analysis within prosecution. This is an area that has grown in the past several years as prosecution offices recognize the value that analysts provide in all areas (strategic, tactical, admin, intel), serving both as a continuum of knowledge from LE to the DA, and as information generators for questions and issues specific to the prosecution process. However, we are still outnumbered by analysts at LE agencies and continue to forge a path into new territory!

In AZ, we now have several analysts at both Maricopa and Pima County Attorney's Offices, and I'm aware of other offices around the country with embedded analysts who work alongside prosecutors. We are interested in starting an informal mailing list that is specific to the questions, challenges, and issues that prosecution analysts encounter. Some topic examples:

* What data do you use to identify crime problems? Do you have direct access to LE agency data, or do you use other data as a proxy? If/how does your office work with LE to develop strategies to address these problems?
* Do you analyze internal data for trends/patterns (ex: caseloads, plea/trial outcomes, co-occurring charges, recidivism)?
* Are you supervised by an attorney, an analyst, or other? How does that impact the resources and/or information you are able to obtain and provide?
* Are there analysts at the LE agencies within your jurisdiction and, if so, how do you coordinate/deconflict with them on case work?
* Do you participate in information gathering throughout prosecution process or only specific phase(s)? Ex: investigation; initial appearance; charging; plea development; trial; sentencing; response to motions/issues that arise; victim/witness information
* How does your office handle the information you develop in regards to discovery? Have you had to testify?

* What "different" skill sets do we as prosecution-specific analysts need/have/want that may be different than analysts in LE agencies?

This mailing list is open to anyone working or interested in this area whether analyst, prosecutor, researcher, intern, etc. so please feel free to forward to folks not in IACA, but may be interested. This list will hopefully supplement the valuable information we receive via IACA, but with a prosecution spin for this growing "niche market". Please feel free to email me at wickerse@mcao.maricopa.gov<mailto:wickerse@mcao.maricopa.gov> if you or a colleague is interested. Thank you!

* Erin

Erin Wickersham
Criminal Intelligence Analyst
Sex Assault Kit Initiative (SAKI)
Crime Strategies Section
Maricopa County Attorney's Office
wickerse@mcao.maricopa.gov<mailto:wickerse@mcao.maricopa.gov>
Desk: 602-506-3188
---------- next part ----------
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Subject: Digest Footer

_____
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To unsubscribe, receive emails as they are sent, or change the address where you receive list emails, please visit the IACA website at https://urldefense.proofpoint.com/v2/url?u=http-3A__www.iaca.net&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=r2TzZER-DwEyols175ODcTL-BmSUd-Udo-hM2ZIfo80&s=oVLNvHsJ5C4LL8H8REn3yd074JPvOmvzsczC2YNNeWY&e=. Log into the members area and go to My Account -- Discussion List Preferences. Your settings may take up to one week to go into effect.

End of IACAList Digest, Vol 152, Issue 27
****

From: IACAList on behalf of iacalist-request@listserve.com
To: iacalist@listserve.com
Subject: IACAList Digest, Vol 152, Issue 27
Date: Wednesday, March 27, 2019 8:50:47 AM

Send IACAList mailing list submissions to
iacalist@listserve.com

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You can reach the person managing the list at
iacalist-owner@listserve.com

When replying, please edit your Subject line so it is more specific
than "Re: Contents of IACAList digest..."

Today's Topics:

1. Re: Spoofing App? (Pepe, Ralph)
2. Re: Spoofing App? (Trish Hanly)
3. Database test bank system for promotional exams (Gulde, Alexander)
4. Re: Best Product for GPS ALPR and Incident Investigations (Robert Grant)
5. Excel: Share Workbook (Erica Taylor)
6. Prosecution Analysts Mailing List (Wickersham Erin)

Message: 1
Date: Tue, 26 Mar 2019 19:00:58 +0000
From: "Pepe, Ralph" <RPepe@cargonet.com>
To: Jeffrey Fitzhenry <jeffrey.fitzhenry@bluelightllc.com>, Frank B Johnson <Frank.B.Johnson@ibm.com>, "Oldham, Erin" <eoldham@cityofnsb.com>
Cc: IACAList <iacalist-bounces+frank.b.johnson=ibm.com@listserve.com>, "iacalist@iaca.net" <iacalist@iaca.net>
Subject: Re: [IACA] Spoofing App?
Message-ID: <e2455c6a4eba4ab7aa14d0b80c09cdfc@VAW1PWINFMBXP3.veriskdom.com>
Content-Type: text/plain; charset="utf-8"

TextNow as well. They have a mobile app and web app. I?ve tested signing up via web app; create a throwaway Google account, sign up using that account, and you?re in with a phone number in any area code you specify. No other verification. Trucking has a lot of problems with identity theft. Most of the identity thieves we deal with use TextNow these days and use it to scam money orders or steal truckloads of freight. No more getting caught on surveillance buying burners.

In addition to caller ID spoofing, there?s also SIM swap attacks. The scam there is socially engineering your provider to change your phone service to a SIM card they are in possession of. Once that?s done, they?d receive all your texts and be able to make any calls as you.
https://urldefense.proofpoint.com/v2/url?u=https-3A__krebsonsecurity.com_2019_03_why-2Dphone-2Dnumbers-2Dstink-2Das-2Didentity-2Dproof_&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=trTGElcPqWmjbVtDGeWU1JoTqdlsBh-QCIg-OTRRKNQ&s=p5G89r7FIgs0r9mcrgDkXjpznWefbJq75kfjXQ0Vd60&e=.

Ralph Pepe
Sr. Crime Intelligence Analyst
CargoNet

Phone: +1.201.268.3212 | Fax: +1.201.748.1662

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To report a cargo theft, please call 1-888-595-CNET (2638) or send a theft report to cargotheft@cargonet.com<mailto:cargotheft@cargonet.com>.

Law Enforcement - Visit https://urldefense.proofpoint.com/v2/url?u=http-3A__cargonet.com_lawenforcement&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=trTGElcPqWmjbVtDGeWU1JoTqdlsBh-QCIg-OTRRKNQ&s=7hq_PFJ7DG51U0c_G9OvIiRv_x8wwyrWYqngJ0ZpAQo&e= to receive free cargo theft alerts and access to the CargoNet database.

From: IACAList <iacalist-bounces+rpepe=cargonet.com@listserve.com> On Behalf Of Jeffrey Fitzhenry via IACAList
Sent: Tuesday, March 26, 2019 2:25 PM
To: Frank B Johnson <Frank.B.Johnson@ibm.com>; Oldham, Erin <eoldham@cityofnsb.com>
Cc: iacalist@iaca.net; IACAList <iacalist-bounces+frank.b.johnson=ibm.com@listserve.com>
Subject: Re: [IACA] Spoofing App?

There is an app that is called Burner that does exactly what you are saying.

Jeffrey Fitzhenry
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From: IACAList <iacalist-bounces+jeffrey.fitzhenry=bluelightllc.com@listserve.com<mailto:iacalist-bounces+jeffrey.fitzhenry=bluelightllc.com@listserve.com>> on behalf of Frank B Johnson via IACAList <iacalist@listserve.com<mailto:iacalist@listserve.com>>
Sent: Tuesday, March 26, 2019 2:03:26 PM
To: Oldham, Erin
Cc: IACAList; iacalist@iaca.net<mailto:iacalist@iaca.net>
Subject: Re: [IACA] Spoofing App?

I hate to say it but there is very little that can be done to prevent this type of spoofing. It is a two part process.

First the caller must acquire data in great swaths, usually through social media, and then due typical toll analysis to to find individuals names associated with numbers found in the initial data scrape.

Only after numbers are collated into paring of high closness using the relationships found by analyzing social media can the caller spoof with a number you are likely to answer.

I image this if only going to get worse as our information is out there, and being correlated for sale by both legitimate companies and those with mal intent.

NOTE: many of use often send emails with signature lines that have our phone numbers. In this instance we have done the correlation for the bad guys. all they need is to find the phone number of someone we have emailed and they are in business.

Frank B. Johnson, MSM, M.Ed
IBM Security, Products Professional Services
EIA, i2 ANB, iBase, QRadar, Enablement Consultant

Focus-Align-Track-Stretch

[cid:image005.gif@01D4E3E4.96A40FD0][cid:image006.gif@01D4E3E4.96A40FD0] [cid:image007.gif@01D4E3E4.96A40FD0]

From: "Oldham, Erin via IACAList" <iacalist@listserve.com<mailto:iacalist@listserve.com>>
To: Shanice Gordon <SGordon@co.lubbock.tx.us<mailto:SGordon@co.lubbock.tx.us>>, "iacalist@iaca.net<mailto:iacalist@iaca.net>" <iacalist@iaca.net<mailto:iacalist@iaca.net>>
Date: 03/26/2019 01:54 PM
Subject: Re: [IACA] Spoofing App?
Sent by: "IACAList" <iacalist-bounces+frank.b.johnson=ibm.com@listserve.com<mailto:iacalist-bounces+frank.b.johnson=ibm.com@listserve.com>>

Hi Shanice,

Spoofing.. In theory, the people being scammed are more apt to answer the phone from a familiar area code. So a person?s number gets cloned at random by someone with the technology to do so, and used at an attempt to scam.

Recently heard of someone receiving irate phone calls back, from people who were being called, using the victims spoofed number.

The only reasonable solution suggested was either changing your number, or looking into an app called ?Should I Answer.? It allows the victim of the spoofing, to filter the returned calls, by only receiving calls from numbers they?ve listed in the app. They suggested the victim of the spoofed number change their voicemail message, saying they?ve had their number spoofed. It also allows them to see the log of people who?ve tried to call the number back. It was reported that once this happened, the number of angry call-backers subsided after a couple of weeks.

I think, unfortunately, people?s numbers just get picked at random. Not sure if there?s a solution. Sorry!

Erin Oldham
FDLE Certified Law Enforcement Analyst
New Smyrna Beach Police Department

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(W)?386.424.2254 ?(F)386.424.2262

eoldham@cityofnsb.com<mailto:eoldham@cityofnsb.com>

From:IACAList [mailto:iacalist-bounces+eoldham=cityofnsb.com@listserve.com] On Behalf Of Shanice Gordon via IACAList
Sent: Tuesday, March 26, 2019 1:09 PM
To: iacalist@iaca.net<mailto:iacalist@iaca.net>
Subject: [IACA] Spoofing App?

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Good Afternoon Everyone,

I have a question for you all.

Has anyone ever dealt with a case, where a phone call is received showing a number in the victims phone. However, the caller on the line is in fact NOT with the phone or with the actual person said to be calling the phone??

Incident: A civilian received a phone call- the caller ID showed a family member?s name & when the call was answered it turned out to be scammers on the line?.

Is anyone familiar with any ways to track the actual phone call or identify the app used?

Respectfully,

Shanice Gordon, M.A.

Texas Anti-Gang Center

Crime Analyst

P.O. BOX 10536

Lubbock, TX 79408

sgordon@co.lubbock.tx.us<mailto:sgordon@co.lubbock.tx.us>

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[redacted] Cellular

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806.775.7925 Fax

[cid:image004.jpg@01D3BAA1.E6583DC0]

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Message: 2
Date: Tue, 26 Mar 2019 14:28:56 -0500
From: Trish Hanly <hanlytrish@gmail.com>
To: "Martins, Tabatha" <martinst@ci.newark.nj.us>
Cc: "iacalist@iaca.net" <iacalist@iaca.net>
Subject: Re: [IACA] Spoofing App?
Message-ID: <8583DA8E-BE4A-4DAD-B285-92A0EB9B72E1@gmail.com>
Content-Type: text/plain; charset="utf-8"

For what it?s worth, you can create any number on Google Voice. (And then have it forwarded to your own phone).

I have used this when I did not want to give out my personal number to certain people.

Interestingly, we had a recent situation where a call center agent would call in using multiple Google Voice numbers they had created-and since they could see who was up next for calls-they would answer their own call, keep the line open, hang up after 45 min and then basically fake doing work all day.

Trish Mangnall
Program Analyst
DHS

Sent from my iPhone

> On Mar 26, 2019, at 12:36 PM, Martins, Tabatha via IACAList <iacalist@listserve.com> wrote:
>
> I believe there is a computer program also, where you are able to choose the country and area code. A family member usually uses the internet phone to call me when abroad.
>
> Tabatha Gonzalez
>
> Department of Public Safety
>
> Newark Police Division
>
> Comstat Unit
>
>
>
>
>
> From: IACAList <iacalist-bounces+martinst=ci.newark.nj.us@listserve.com> on behalf of Lasher, Heidi via IACAList <iacalist@listserve.com>
> Sent: Tuesday, March 26, 2019 1:30:32 PM
> To: Shanice Gordon; iacalist@iaca.net
> Subject: Re: [IACA] Spoofing App?

>
> Yes. I get these calls all the time on my personal cell phone. One of the numbers came up as our friend?s number and it turned out to be someone trying to reduce our credit card interest. They use an app to change their actual number from the one they are calling and use a local number. I think it picks the numbers at random and sometimes it just happens to be someone you may know.
>
>
> Heidi R. Lasher
> Intelligence Analyst
> Citrus County Sheriff's Office
> 123 NW Hwy 19,
> Crystal River, FL 34429
> www.sheriffcitrus.org
> 352-795-3107 ext 320
> hlasher@sheriffcitrus.org
>
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>
>
>
> From: IACAList <iacalist-bounces+hlasher=sheriffcitrus.org@listserve.com> On Behalf Of Shanice Gordon via IACAList
> Sent: Tuesday, March 26, 2019 1:09 PM
> To: iacalist@iaca.net
> Subject: [IACA] Spoofing App?
>
> Good Afternoon Everyone,
> I have a question for you all.
>
> Has anyone ever dealt with a case, where a phone call is received showing a number in the victims phone. However, the caller on the line is in fact NOT with the phone or with the actual person said to be calling the phone??
>
> Incident: A civilian received a phone call- the caller ID showed a family member?s name & when the call was answered it turned out to be scammers on the line?.
>
> Is anyone familiar with any ways to track the actual phone call or identify the app used?
>
> Respectfully,
> Shanice Gordon, M.A.
> Texas Anti-Gang Center
> Crime Analyst
> P.O. BOX 10536
> Lubbock, TX 79408
> sgordon@co.lubbock.tx.us
> https://urldefense.proofpoint.com/v2/url?u=https-3A__stoplubbockgangs.org_&d=DwICAg&c=IDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=trTGElcPqWmjbVtDGeWU1JoTqdlsBh-QCIg-OTRRKNQ&s=ga9nOwcvc3cgRNYtJoyChyIhn-Io4F4EZJPeOnjy_ZU&e=
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Message: 3
Date: Tue, 26 Mar 2019 18:57:47 +0000
From: "Gulde, Alexander" <AlexanderGulde@fdle.state.fl.us>
To: "iacalist@iaca.net" <iacalist@iaca.net>
Subject: [IACA] Database test bank system for promotional exams
Message-ID: <884005cb07114df9ae289550c6e6427b@Exchange1.myfdle.net>
Content-Type: text/plain; charset="us-ascii"

Good afternoon -

I need some help with a particular issue. We are currently using a test question database to administer promotional exams and other tests within our training programs. The program we are currently using (LXR Test) is obsolete and the original vendor is no longer in business. Once the upgrade to Windows 10 is happening later this year, we will no longer be able to use the current system. So, I am looking for some leads and recommendations on a new database/ test bank.

What are you using at your agency? What's working and what's not? Do you have a point of contact for me?

Any help is greatly appreciated.

Best,

Alexander S. Gulde

Program Director
Florida Law Enforcement Analyst Academy
Office: 850.410.7534 Mobile: 850.879.8995
AlexanderGulde@fdle.state.fl.us<mailto:AlexanderGulde@fdle.state.fl.us>

Florida Department of Law Enforcement
Bureau of Professional Development
2331 Phillips Road, Tallahassee, FL 32308

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Message: 4
Date: Tue, 26 Mar 2019 19:53:01 +0000
From: Robert Grant <rgrant@casperwy.gov>
To: Katherine Hill <khill@chattanooga.gov>, "iacalist@iaca.net"
<iacalist@iaca.net>
Subject: Re: [IACA] Best Product for GPS ALPR and Incident
Investigations
Message-ID:
<MW2PR0102MB340302C0B15EFD81C4263E7BAE5F0@MW2PR0102MB3403.prod.exchangelabs.com>

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Katherine,
I use ESRI ArcMap for mapping solutions but it is not that user friendly if you are not familiar with it. It is the best GIS software available, very versatile. If you have a GIS department.

If you are just using GPS data and possibly the tracks from the GPS unit you should try Garmin?s Base Camp. It is a very user friendly GPS software program and I believe it is free on the Garmin Website.

https://urldefense.proofpoint.com/v2/url?u=https-3A__www.garmin.com_en-2DUS_shop_downloads_basecamp&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=trTGElcPqWmjbVtDGeWU1JoTqdlsBh-QCIg-OTRRKNQ&s=1PstC4_9ByVNH0B2pI30zkvRfp47soPVBIxwMxVIQAE&e=

This link should allow you to learn more about it and see if it is what you are looking for.

Robert Grant
Casper Police Department
Crime Analyst
GIS Specialist
307-235-8489
rgrant@casperwy.gov

From: IACAList [mailto:iacalist-bounces+rgrant=casperwy.gov@listserve.com] On Behalf Of Katherine Hill via IACAList
Sent: Tuesday, March 26, 2019 11:54 AM
To: iacalist@iaca.net
Subject: [IACA] Best Product for GPS ALPR and Incident Investigations

We are searching for the best product to visualize GPS data against our Incidents. For instance, we have a serial offender who had an ankle monitor, we want to load the GPS data, and automate checking for incidents in the vicinity of his location. Is there a product easy enough for Investigators to use, maybe even something that incorporates ALPR data?

Thanks!
--
Katherine Hill 70917
Crime Analyst
Crime Analysis Unit

Chattanooga Police Department
3410 Amnicola Hwy
Chattanooga, TN 37406
G.L. c. 4,sec.
khill@chattanooga.gov<mailto:khill@chattanooga.gov>

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Message: 5
Date: Tue, 26 Mar 2019 14:31:09 -0700
From: Erica Taylor <ericataylor778@gmail.com>
To: iacalist@listserve.com
Subject: [IACA] Excel: Share Workbook
Message-ID:
<CALMN9_vgAkcfL+vKABg0UaVRpBJ6JF7biqySZCDfM+ZDVn=MxQ@mail.gmail.com>
Content-Type: text/plain; charset="utf-8"

Hello all,

I'm having trouble with sharing a workbook. I know it sounds pretty simple but something happened to my shared workbook and I can't figure it out.

SCENE: A workbook was created, on a shared drive, for the sergeants to add daily statistics. Once they added their numbers, they simply have to save.

ISSUE: No one is able to save the workbook without having to save as a copy of it. When someone opens it, it is in Read-Only mode. I get several "copy of XXX", copy of copy of XXX" copy of copy of copy of XXX".

*PROBLEM: * How do I change it/save it so that it is shared again? I have gone so far as to recreate the workbook with new spreadsheets. [Nothing copied - all new] I did tests, and it continues to open in Read-Only.

Is anyone out there that can help, please?
Please contact me at erica.taylor@wcpd.org

Many thanks in advance.

--
Erica J. Taylor, Crime Analyst I
West Covina Police Department
1444 W. Garvey Avenue | West Covina, CA 91790
Desk: 626-939-8549 | Fax: 626-939-8653
Email: Erica.Taylor@wcpd.org

"When you get: give. When you learn: teach." - *Maya Angelou*
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Message: 6
Date: Wed, 27 Mar 2019 00:06:26 +0000
From: Wickersham Erin <wickerse@mcao.maricopa.gov>
To: "'iacalist@listserve.com'" <iacalist@listserve.com>
Subject: [IACA] Prosecution Analysts Mailing List
Message-ID:
<BYAPR09MB3368A1567305950386 92BD4499580@BYAPR09MB3368.namprd09.prod.outlook.com>

Content-Type: text/plain; charset="us-ascii"

Hi IACA -

I'm writing about crime and intel analysis within prosecution. This is an area that has grown in the past several years as prosecution offices recognize the value that analysts provide in all areas (strategic, tactical, admin, intel), serving both as a continuum of knowledge from LE to the DA, and as information generators for questions and issues specific to the prosecution process. However, we are still outnumbered by analysts at LE agencies and continue to forge a path into new territory!

In AZ, we now have several analysts at both Maricopa and Pima County Attorney's Offices, and I'm aware of other offices around the country with embedded analysts who work alongside prosecutors. We are interested in starting an informal mailing list that is specific to the questions, challenges, and issues that prosecution analysts encounter. Some topic examples:

* What data do you use to identify crime problems? Do you have direct access to LE agency data, or do you use other data as a proxy? If/how does your office work with LE to develop strategies to address these problems?
* Do you analyze internal data for trends/patterns (ex: caseloads, plea/trial outcomes, co-occurring charges, recidivism)?
* Are you supervised by an attorney, an analyst, or other? How does that impact the resources and/or information you are able to obtain and provide?
* Are there analysts at the LE agencies within your jurisdiction and, if so, how do you coordinate/deconflict with them on case work?
* Do you participate in information gathering throughout prosecution process or only specific phase(s)? Ex: investigation; initial appearance; charging; plea development; trial; sentencing; response to motions/issues that arise; victim/witness information
* How does your office handle the information you develop in regards to discovery? Have you had to testify?
* What "different" skill sets do we as prosecution-specific analysts need/have/want that may be different than analysts in LE agencies?

This mailing list is open to anyone working or interested in this area whether analyst, prosecutor, researcher, intern, etc. so please feel free to forward to folks not in IACA, but may be interested. This list will hopefully supplement the valuable information we receive via IACA, but with a prosecution spin for this growing "niche market". Please feel free to email me at wickerse@mcao.maricopa.gov<mailto:wickerse@mcao.maricopa.gov> if you or a colleague is interested. Thank you!

* Erin

Erin Wickersham
Criminal Intelligence Analyst
Sex Assault Kit Initiative (SAKI)
Crime Strategies Section
Maricopa County Attorney's Office
wickerse@mcao.maricopa.gov<mailto:wickerse@mcao.maricopa.gov>
Desk: 602-506-3188
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Subject: Digest Footer

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IACAList mailing list
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End of IACAList Digest, Vol 152, Issue 27
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From: IACAList on behalf of iacalist-request@listserve.com
To: iacalist@listserve.com
Subject: IACAList Digest, Vol 152, Issue 32
Date: Friday, March 29, 2019 11:06:58 AM

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Log into the members area and go to My Account --
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You can review the list posting guidelines at
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You can reach the person managing the list at
iacalist-owner@listserve.com

When replying, please edit your Subject line so it is more specific
than "Re: Contents of IACAList digest..."

Today's Topics:

1. Fwd: Identification (Katherine Hill)
2. Real Time Crime Center Analyst - Vacancy Announcement (Tenah, Celbrica E.)
3. Re: Best Product for GPS ALPR and Incident Investigations (John Sinclair)

Message: 1
Date: Fri, 29 Mar 2019 09:07:11 -0400
From: Katherine Hill <khill@chattanooga.gov>
To: iacalist@iaca.net
Subject: [IACA] Fwd: Identification
Message-ID:
<CAOikmr-UBNfrnr=-mjRCUcHJOn5bMtUnj7hiBcY8KOWQRcUQew@mail.gmail.com>
Content-Type: text/plain; charset="utf-8"

Can anyone identify the emblem on the cap and the back of the vest?
He's the suspect in the theft of our Sgts personally owned Harley Davidson
Motorcycle at his residence.
I'm just a little concerned as he took it to this gas station and just left
it, like a statement (?).

[image: IMG_1077.jpg]
[image: IMG_1080.jpg]
[image: IMG_1081.jpg]
[image: IMG_1079.jpg]
[image: IMG_1078.jpg]

Katherine Hill 70917
Crime Analyst
Crime Analysis Unit

Chattanooga Police Department
3410 Amnicola Hwy
Chattanooga, TN 37406
[redacted]
khill@chattanooga.gov
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Message: 2
Date: Fri, 29 Mar 2019 13:46:15 +0000
From: "Tenah, Celbrica E." <Celbrica.Tenah@jaxsheriff.org>
To: "iacalist@iaca.net" <iacalist@iaca.net>
Subject: [IACA] Real Time Crime Center Analyst - Vacancy Announcement
Message-ID:
<0FD30169BDDEB74184DF87CD5A40AA8481556305@AHV-EXMBX-05.jaxsheriff.net>
Content-Type: text/plain; charset="us-ascii"

Job Vacancy Announcement

The Jacksonville Sheriff's Office (JSO), an accredited and consolidated Law Enforcement Agency for Jacksonville, Florida, is hiring Real Time Crime Center Analysts. Jacksonville, the largest city in area in the continental United States, is a rapidly growing metropolitan city in Northeast Florida, with approximately 850,000 residents. A consolidated city and county, the agency consists of approximately 1,750 sworn and 1,200 non-sworn personnel. The current opening is an analytical support position designed to incorporate and leverage multiple technological systems to provide officers real-time intelligence and information.

Real Time Crime Center Analyst

This is a fast paced, analytical, technical and administrative work environment involving automated systems pertaining to law enforcement public safety communications. Work involves monitoring a Real Time Crime Center workstation that includes at least three (3) monitors, performing several tasks at the same time while simultaneously viewing multiple computer/camera screens. Receives, evaluates and transmits information via telephone, computer and multi-channel radio that frequently involves emergency and critical situations affecting human welfare and safety; utilizes computer-aided dispatch and other computer systems; quickly analyzes multiple data sets; recognizes and exploits relevant intelligence; maintains access to, and security of, highly sensitive materials and information; performs multiple activities simultaneously in a high visibility setting; works with frequent interruption in a framework of rules, procedures and regulations and perform technical tasks relative
to assigned area of responsibility. The center will facilitate, via camera feeds, CAD, and ShotSpotter the detection of suspicious and criminal activity. This information will be relayed to the responding and/or on scene officers via radio or message. Work includes monitoring, operating and interpreting multiple interactive software systems regarding emergency and criminal calls for service. Work also includes conducting queries of criminal justice data bases such as criminal histories and vehicle registration as well as researching relevant videos to assist in investigations and upload video to evidence repositories; and related duties as required. Must maintain emotional control and work effectively during emergencies, crisis situation, or extremely stressful conditions.

Basic Requirements Include:

A four-year combination of education from an accredited institution and/or professional experience in research, data analysis, and statistical work is required. A Bachelor's Degree from an accredited institution with a major in criminal justice, criminology, information systems, statistics, or related field is preferred. Prior work experience in law enforcement is preferred. Requires the ability to work overtime with little or no notice, shift work, weekends, holidays, evenings, and nights. Hours of operation are 24 hours a day, 365 days a year.

An Ideal Candidate Possesses:

* Knowledge of techniques and procedures used in operating emergency communications equipment (video monitoring systems, radio/CAD systems).

* Ability to simultaneously communicate, interpret communication, and enter data into a computer accurately.

* Strong understanding of statistics and reporting. University level statistics classes preferred. Statistical packages such as Excel, SPSS preferred. Reporting software such as Crystal Reports preferred.

* Understanding of analytical techniques including research methods, crime theory, and process evaluation. Real-world experience with complex problem-analysis or intelligence-analysis preferred.

* Ability to communicate effectively across all levels of an organization.

* Ability to identify trends and patterns in statistical information and displays.

Interested persons can apply utilizing the link below.

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[Title: Sheriff Mike Williams' Challenge Coin - Description: Sheriff Mike Williams' Challenge Coin]<https://urldefense.proofpoint.com/v2/url?u=http-3A__www.jaxsheriff.org_&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=iKD2ybSxPvq3EqRzryTCTgnfMo1hBFK2YAex8xfqN3E&s=Il-GHbcsZ1ET9v-7d_UAaycka3lsC73y22z5nGg2xAY&e=>Celbrica Tenah, #67935
Crime Analysis Unit Administrator
Jacksonville Sheriff's Office |Crime Analysis Unit
Office: 904.630.7006 | Desk: 904.630.7894 | Mobile: 904.719.3533
Celbrica.Tenah@jaxsheriff.org<mailto:Celbrica.Tenah@jaxsheriff.org>

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The Mission of the Jacksonville Sheriff's Office: "To Serve and Protect in Partnership with Our Community"

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Message: 3
Date: Fri, 29 Mar 2019 10:26:26 -0400
From: John Sinclair <john@synclayerinc.com>
To: Katherine Hill <khill@chattanooga.gov>
Cc: iacalist@iaca.net
Subject: Re: [IACA] Best Product for GPS ALPR and Incident
Investigations
Message-ID: <EF0AF72F-222B-4D04-A136-0593266EE5BA@synclayerinc.com>
Content-Type: text/plain; charset="utf-8"

Good Morning,

Like others have suggested, ESRI ArcMap is the industry standard for visualizing data but as most have probably mentioned, it is very difficult to use and takes quite a bit of time to master. However, I think the analysis you are looking for requires a custom algorithm to match up incidents in proximity to the ankle monitor data. I don?t believe there is an off the shelf product that can do exactly what you are asking.

We have a simple to use product that provides visualization of many different types of law enforcement datasets including ankle monitors and ALPR data. It does have the ability to match events in proximity to each other, but it is not exactly what you need in our production version. However, we do have the capability to match your events quickly using our unreleased version and I would be willing to run it to check for matching incidents free of charge to better understand your needs and how we make this capability easier to use as we incorporate it into our product.

In case you are interested and want more information on what we are working with, I attached a flyer to give you more insight into our product and here is a quick summary of some key differentiators of our software:
Synchronizing multiple suspects and data:
Simultaneously visualize the behaviors of multiple suspects
Concurrently view multiple types of data for one or more suspects
Automatically time align imported files
Easily import custom geospatial data
Live data feeds
Supports live data feeds like ping emails, vehicle GPS, mobile device apps, and drone locations
Automatically tracks and maps data
Visual triangulation of Verizon data
Provides extremely accurate position estimates for Verizon ping and ALULTE data
Report builder
Allows user to easily create reports of their findings and export them to PDF
Integrate with other sources
Integrate county resources, google resources, or other sources for more contextual information

Also, we have a short 6 minute video demonstration of how SyncArena was used in solving a murder for a multi-jurisdictional case. The video is available on our website www.syncarena.com <https://urldefense.proofpoint.com/v2/url?u=http-3A__www.syncarena.com_&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=iKD2ybSxPvq3EqRzryTCTgnfMo1hBFK2YAex8xfqN3E&s=POBEVbFdE-ntN90V1YRqchK0JLlxZLQFUAt0hGTUjvU&e=> or you can just use the direct link below:

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Password: syncArenA

Thank you,

John Sinclair
Sync Layer, Inc.
5220 Brentwood Farm Drive
Fairfax, VA 22030
Mobile: [redacted]
john@synclayerinc.com

> On Mar 26, 2019, at 1:53 PM, Katherine Hill via IACAList <iacalist@listserve.com> wrote:
>
> We are searching for the best product to visualize GPS data against our Incidents. For instance, we have a serial offender who had an ankle monitor, we want to load the GPS data, and automate checking for incidents in the vicinity of his location. Is there a product easy enough for Investigators to use, maybe even something that incorporates ALPR data?
>
> Thanks!
> --
> Katherine Hill 70917
> Crime Analyst
> Crime Analysis Unit
>
> Chattanooga Police Department
> 3410 Amnicola Hwy
> Chattanooga, TN 37406
> [redacted]
> khill@chattanooga.gov <mailto:khill@chattanooga.gov>
>
>
> *** You are subscribed to IACAList as john@synclayerinc.com. If you wish to unsubscribe, or modify your preferences please visit https://urldefense.proofpoint.com/v2/url?u=https-3A__mailman.listserve.com_listmanager_listinfo_iacalist&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=iKD2ybSxPvq3EqRzryTCTgnfMo1hBFK2YAex8xfqN3E&s=kJk2fnlXcFuZrHk9ik-oewqNEk-XZvemuy22eefiGXw&e= ***

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Subject: Digest Footer

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Log into the members area and go to My Account -- Discussion List Preferences. Your settings may take up to one week to go into effect.

End of IACAList Digest, Vol 152, Issue 32
****

From: IACAList on behalf of iacalist-request@listserve.com
To: iacalist@listserve.com
Subject: IACAList Digest, Vol 152, Issue 32
Date: Friday, March 29, 2019 11:06:59 AM

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iacalist@listserve.com

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You can reach the person managing the list at
iacalist-owner@listserve.com

When replying, please edit your Subject line so it is more specific
than "Re: Contents of IACAList digest..."

Today's Topics:

1. Fwd: Identification (Katherine Hill)
2. Real Time Crime Center Analyst - Vacancy Announcement (Tenah, Celbrica E.)
3. Re: Best Product for GPS ALPR and Incident Investigations (John Sinclair)

Message: 1
Date: Fri, 29 Mar 2019 09:07:11 -0400
From: Katherine Hill <khill@chattanooga.gov>
To: iacalist@iaca.net
Subject: [IACA] Fwd: Identification
Message-ID:
<CAOikmr-UBNfrnr=-mjRCUcHJOn5bMtUnj7hiBcY8KOWQRcUQew@mail.gmail.com>
Content-Type: text/plain; charset="utf-8"

Can anyone identify the emblem on the cap and the back of the vest?
He's the suspect in the theft of our Sgts personally owned Harley Davidson
Motorcycle at his residence.
I'm just a little concerned as he took it to this gas station and just left
it, like a statement (?).

[image: IMG_1077.jpg]
[image: IMG_1080.jpg]
[image: IMG_1081.jpg]
[image: IMG_1079.jpg]
[image: IMG_1078.jpg]

Katherine Hill 70917
Crime Analyst
Crime Analysis Unit

Chattanooga Police Department
3410 Amnicola Hwy
Chattanooga, TN 37406
[redacted]
khill@chattanooga.gov
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Message: 2
Date: Fri, 29 Mar 2019 13:46:15 +0000
From: "Tenah, Celbrica E." <Celbrica.Tenah@jaxsheriff.org>
To: "iacalist@iaca.net" <iacalist@iaca.net>
Subject: [IACA] Real Time Crime Center Analyst - Vacancy Announcement
Message-ID:
<0FD30169BDDEB74184DF87CD5A40AA8481556305@AHV-EXMBX-05.jaxsheriff.net>
Content-Type: text/plain; charset="us-ascii"

Job Vacancy Announcement

The Jacksonville Sheriff's Office (JSO), an accredited and consolidated Law Enforcement Agency for Jacksonville, Florida, is hiring Real Time Crime Center Analysts. Jacksonville, the largest city in area in the continental United States, is a rapidly growing metropolitan city in Northeast Florida, with approximately 850,000 residents. A consolidated city and county, the agency consists of approximately 1,750 sworn and 1,200 non-sworn personnel. The current opening is an analytical support position designed to incorporate and leverage multiple technological systems to provide officers real-time intelligence and information.

Real Time Crime Center Analyst

This is a fast paced, analytical, technical and administrative work environment involving automated systems pertaining to law enforcement public safety communications. Work involves monitoring a Real Time Crime Center workstation that includes at least three (3) monitors, performing several tasks at the same time while simultaneously viewing multiple computer/camera screens. Receives, evaluates and transmits information via telephone, computer and multi-channel radio that frequently involves emergency and critical situations affecting human welfare and safety; utilizes computer-aided dispatch and other computer systems; quickly analyzes multiple data sets; recognizes and exploits relevant intelligence; maintains access to, and security of, highly sensitive materials and information; performs multiple activities simultaneously in a high visibility setting; works with frequent interruption in a framework of rules, procedures and regulations and perform technical tasks relative
to assigned area of responsibility. The center will facilitate, via camera feeds, CAD, and ShotSpotter the detection of suspicious and criminal activity. This information will be relayed to the responding and/or on scene officers via radio or message. Work includes monitoring, operating and interpreting multiple interactive software systems regarding emergency and criminal calls for service. Work also includes conducting queries of criminal justice data bases such as criminal histories and vehicle registration as well as researching relevant videos to assist in investigations and upload video to evidence repositories; and related duties as required. Must maintain emotional control and work effectively during emergencies, crisis situation, or extremely stressful conditions.

Basic Requirements Include:

A four-year combination of education from an accredited institution and/or professional experience in research, data analysis, and statistical work is required. A Bachelor's Degree from an accredited institution with a major in criminal justice, criminology, information systems, statistics, or related field is preferred. Prior work experience in law enforcement is preferred. Requires the ability to work overtime with little or no notice, shift work, weekends, holidays, evenings, and nights. Hours of operation are 24 hours a day, 365 days a year.

An Ideal Candidate Possesses:

* Knowledge of techniques and procedures used in operating emergency communications equipment (video monitoring systems, radio/CAD systems).

* Ability to simultaneously communicate, interpret communication, and enter data into a computer accurately.

* Strong understanding of statistics and reporting. University level statistics classes preferred. Statistical packages such as Excel, SPSS preferred. Reporting software such as Crystal Reports preferred.

* Understanding of analytical techniques including research methods, crime theory, and process evaluation. Real-world experience with complex problem-analysis or intelligence-analysis preferred.

* Ability to communicate effectively across all levels of an organization.

* Ability to identify trends and patterns in statistical information and displays.

Interested persons can apply utilizing the link below.

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[Title: Sheriff Mike Williams' Challenge Coin - Description: Sheriff Mike Williams' Challenge Coin]<https://urldefense.proofpoint.com/v2/url?u=http-3A__www.jaxsheriff.org_&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=SRecMDWib8CqHSeTxaGm-BI1-YcSk0tGG0bVBhL-DiU&s=19fDtTR_b79lVylGSxXm-TcOhPhZe2h0I6gsYgIgosQ&e=>Celbrica Tenah, #67935
Crime Analysis Unit Administrator
Jacksonville Sheriff's Office |Crime Analysis Unit
Office: 904.630.7006 | Desk: 904.630.7894 | Mobile: 904.719.3533
Celbrica.Tenah@jaxsheriff.org<mailto:Celbrica.Tenah@jaxsheriff.org>

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The Mission of the Jacksonville Sheriff's Office: "To Serve and Protect in Partnership with Our Community"

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Message: 3
Date: Fri, 29 Mar 2019 10:26:26 -0400
From: John Sinclair <john@synclayerinc.com>
To: Katherine Hill <khill@chattanooga.gov>
Cc: iacalist@iaca.net
Subject: Re: [IACA] Best Product for GPS ALPR and Incident
Investigations
Message-ID: <EF0AF72F-222B-4D04-A136-0593266EE5BA@synclayerinc.com>
Content-Type: text/plain; charset="utf-8"

Good Morning,

Like others have suggested, ESRI ArcMap is the industry standard for visualizing data but as most have probably mentioned, it is very difficult to use and takes quite a bit of time to master. However, I think the analysis you are looking for requires a custom algorithm to match up incidents in proximity to the ankle monitor data. I don?t believe there is an off the shelf product that can do exactly what you are asking.

We have a simple to use product that provides visualization of many different types of law enforcement datasets including ankle monitors and ALPR data. It does have the ability to match events in proximity to each other, but it is not exactly what you need in our production version. However, we do have the capability to match your events quickly using our unreleased version and I would be willing to run it to check for matching incidents free of charge to better understand your needs and how we make this capability easier to use as we incorporate it into our product.

In case you are interested and want more information on what we are working with, I attached a flyer to give you more insight into our product and here is a quick summary of some key differentiators of our software:
Synchronizing multiple suspects and data:
Simultaneously visualize the behaviors of multiple suspects
Concurrently view multiple types of data for one or more suspects
Automatically time align imported files
Easily import custom geospatial data
Live data feeds
Supports live data feeds like ping emails, vehicle GPS, mobile device apps, and drone locations
Automatically tracks and maps data
Visual triangulation of Verizon data
Provides extremely accurate position estimates for Verizon ping and ALULTE data
Report builder
Allows user to easily create reports of their findings and export them to PDF
Integrate with other sources
Integrate county resources, google resources, or other sources for more contextual information

Also, we have a short 6 minute video demonstration of how SyncArena was used in solving a murder for a multi-jurisdictional case. The video is available on our website www.syncarena.com <https://urldefense.proofpoint.com/v2/url?u=http-3A__www.syncarena.com_&d=DwICAg&c=lDF7oMaPKXpkYvev9V-

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https://urldefense.proofpoint.com/v2/url?u=https-3A__player.vimeo.com_video_312873319&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=SRecMDWib8CqHSeTxaGm-BI1-YcSk0tGG0bVBhL-DiU&s=8ExjsE72YjrDijvUt_jQlFBt_t44PXKnTOTHb4Wa0c8&e= <https://urldefense.proofpoint.com/v2/url?u=https-3A__player.vimeo.com_video_312873319&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=SRecMDWib8CqHSeTxaGm-BI1-YcSk0tGG0bVBhL-DiU&s=8ExjsE72YjrDijvUt_jQlFBt_t44PXKnTOTHb4Wa0c8&e=>
Password: syncArenA

Thank you,

John Sinclair
Sync Layer, Inc.
5220 Brentwood Farm Drive
Fairfax, VA 22030
Mobile: G.L. c. 4.sec. 7.cl.26 (n)(i)
john@synclayerinc.com

> On Mar 26, 2019, at 1:53 PM, Katherine Hill via IACAList <iacalist@listserve.com> wrote:
>
> We are searching for the best product to visualize GPS data against our Incidents. For instance, we have a serial offender who had an ankle monitor, we want to load the GPS data, and automate checking for incidents in the vicinity of his location. Is there a product easy enough for Investigators to use, maybe even something that incorporates ALPR data?
>
> Thanks!
> --
> Katherine Hill 70917
> Crime Analyst
> Crime Analysis Unit
>
> Chattanooga Police Department
> 3410 Amnicola Hwy
> Chattanooga, TN 37406
> G.L. c. 4.sec. 7.cl.26 (n
> khill@chattanooga.gov <mailto:khill@chattanooga.gov>
>
>
> *** You are subscribed to IACAList as john@synclayerinc.com. If you wish to unsubscribe, or modify your preferences please visit https://urldefense.proofpoint.com/v2/url?u=https-3A__mailman.listserve.com_listmanager_listinfo_iacalist&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=SRecMDWib8CqHSeTxaGm-BI1-YcSk0tGG0bVBhL-DiU&s=CKQtlNP5Ta7G9bcES0aMI1FI6DBPPkacMvOmX3TK5jM&e= ***

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Subject: Digest Footer

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End of IACAList Digest, Vol 152, Issue 32
****

From: IACAList on behalf of iacalist-request@listserve.com
To: iacalist@listserve.com
Subject: IACAList Digest, Vol 152, Issue 33
Date: Saturday, March 30, 2019 8:50:50 AM

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iacalist@listserve.com

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Discussion List Preferences. Your settings may take up to one week to
go into effect.

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iacalist-owner@listserve.com

When replying, please edit your Subject line so it is more specific
than "Re: Contents of IACAList digest..."

Today's Topics:

1. Re: Fwd: Identification (Donaldson, Whitney)
2. MAPPING SOFTWARE (Angela M. Pollreisz)
3. Lead Crime Analyst Announcement (Albany, NY) (Jessica Roy)
4. Re: Best Product for GPS ALPR and Incident Investigations (John Sinclair)
5. Crime Analysts: Supporting Sexual Assault Investigations (Archived Resources) (Samantha Gwinn)
6. Re: Mapping Software (Misch, Robert)

Message: 1
Date: Fri, 29 Mar 2019 14:15:54 +0000
From: "Donaldson, Whitney" <Whitney.Donaldson@austintexas.gov>
To: "'Katherine Hill'" <khill@chattanooga.gov>, "'iacalist@iaca.net'" <iacalist@iaca.net>
Subject: Re: [IACA] Fwd: Identification
Message-ID: <aab86aed1f1542a99646d0ba37f59b45@cte-exc1013.ausps.org>
Content-Type: text/plain; charset="utf-8"

A variation of Heathens Nomad MC? The have a strong presence in East Tennessee.

[cid:image008.jpg@01D4E610.02607C90]

Whitney Donaldson
Crime Intelligence Analyst
Austin Police Department
Commercial Burglary
P.O. Box 689001
Austin, Texas 78768-900
P: 512-974-5921

From: IACAList <iacalist-bounces+whitney.donaldson=austintexas.gov@listserve.com> On Behalf Of Katherine Hill via IACAList
Sent: Friday, March 29, 2019 8:07 AM
To: iacalist@iaca.net
Subject: [IACA] Fwd: Identification

Can anyone identify the emblem on the cap and the back of the vest?
He's the suspect in the theft of our Sgts personally owned Harley Davidson Motorcycle at his residence.
I'm just a little concerned as he took it to this gas station and just left it, like a statement (?).

[IMG_1077.jpg]
[IMG_1080.jpg]
[IMG_1081.jpg]
[IMG_1079.jpg]
[IMG_1078.jpg]

Katherine Hill 70917
Crime Analyst
Crime Analysis Unit

Chattanooga Police Department
3410 Amnicola Hwy
Chattanooga, TN 37406
[redacted]
khill@chattanooga.gov<mailto:khill@chattanooga.gov>

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Message: 2
Date: Fri, 29 Mar 2019 15:09:42 +0000
From: "Angela M. Pollreisz" <apollreisz@LEBANONMO.ORG>
To: "iacalist@iaca.net" <iacalist@iaca.net>
Subject: [IACA] MAPPING SOFTWARE
Message-ID:
<CY4PR17MB10323BB2F76FC0F2071DA4D5C05A0@CY4PR17MB1032.namprd17.prod.outlook.com>

Content-Type: text/plain; charset="us-ascii"

Who do you all use for crime mapping software. We use Omnigo's map and it leaves a lot to be desired. My Chief is looking for other options.

Angie Pollreisz | Executive Assistant, Police Analyst
Office 417-532-3131 ext. 2331 | Direct 417-991-2331
Lebanon Police Department
401 S. Jefferson Ave | Lebanon, MO 65536
apollreisz@lebanonmo.org<mailto:apollreisz@lebanonmo.org>

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Message: 3
Date: Fri, 29 Mar 2019 11:45:09 -0400
From: Jessica Roy <mccormick.jessica123@gmail.com>
To: IACA ListServ <iacalist@iaca.net>
Subject: [IACA] Lead Crime Analyst Announcement (Albany, NY)
Message-ID:
<CAGyVAWF7weAjoH3Jsmf7R_is9++ZqBKgodSuom_vG51SnNhkRA@mail.gmail.com>
Content-Type: text/plain; charset="utf-8"

Good morning,

The Finn Institute is currently seeking to fill a full-time lead crime
analyst position. The analyst will work on-site at the Capital Region Crime
Analysis Center in Albany, NY. The Center is staffed with a team of crime
analysts and sworn law enforcement members who support area law enforcement
agencies in their efforts to track and reduce Part I crime.

Please see the attached position announcement for more information.

Thank you,

Jessica

Jessica Roy
Assistant Director of Technical Assistance, Research Analyst
The John F. Finn Institute for Public Safety, Inc.
421 New Karner Rd., Ste. 12, Albany, NY 12205
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Message: 4
Date: Fri, 29 Mar 2019 12:01:30 -0400
From: John Sinclair <john@synclayerinc.com>
To: John Sinclair <john@synclayerinc.com>
Cc: iacalist@iaca.net
Subject: Re: [IACA] Best Product for GPS ALPR and Incident
Investigations
Message-ID: <5D287534-CE86-4A02-8C3C-B9E7F50ECB1F@synclayerinc.com>
Content-Type: text/plain; charset="utf-8"

All -

Our sincere apologies for sending the previous response to the entire list. It was not our intention to spam the entire group. The password to the video has been changed. Please contact us directly if you would like to learn more about our product. Again our apologies.

Sincerely,

John Sinclair
Sync Layer, Inc.
5220 Brentwood Farm Drive
Fairfax, VA 22030
Mobile: [redacted]
john@synclayerinc.com

> On Mar 29, 2019, at 10:26 AM, John Sinclair via IACAList <iacalist@listserve.com> wrote:
>
> Good Morning,
>
> Like others have suggested, ESRI ArcMap is the industry standard for visualizing data but as most have probably mentioned, it is very difficult to use and takes quite a bit of time to master. However, I think the analysis you are looking for requires a custom algorithm to match up incidents in proximity to the ankle monitor data. I don?t believe there is an off the shelf product that can do exactly what you are asking.
>
> We have a simple to use product that provides visualization of many different types of law enforcement datasets including ankle monitors and ALPR data. It does have the ability to match events in proximity to each other, but it is not exactly what you need in our production version. However, we do have the capability to match your events quickly using our unreleased version and I would be willing to run it to check for matching incidents free of charge to better understand your needs and how we make this capability easier to use as we incorporate it into our product.
>
> In case you are interested and want more information on what we are working with, I attached a flyer to give you more insight into our product and here is a quick summary of some key differentiators of our software:
> Synchronizing multiple suspects and data:

> Simultaneously visualize the behaviors of multiple suspects
> Concurrently view multiple types of data for one or more suspects
> Automatically time align imported files
> Easily import custom geospatial data
> Live data feeds
> Supports live data feeds like ping emails, vehicle GPS, mobile device apps, and drone locations
> Automatically tracks and maps data
> Visual triangulation of Verizon data
> Provides extremely accurate position estimates for Verizon ping and ALULTE data
> Report builder
> Allows user to easily create reports of their findings and export them to PDF
> Integrate with other sources
> Integrate county resources, google resources, or other sources for more contextual information
>
> Also, we have a short 6 minute video demonstration of how SyncArena was used in solving a murder for a multi-jurisdictional case. The video is available on our website www.syncarena.com <https://urldefense.proofpoint.com/v2/url?u=http-3A__www.syncarena.com_&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=k-f3qfAYTa2rKV1jWd2dAEBkTtLd7yjunaAOvqUXQcg&s=Dqmv5Cm-87tNcmIYIrnsjPn_XW-kgP7RfwS5Gobbtcs&e=> or you can just use the direct link below:
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> Thank you,
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> Sync Layer, Inc.
> 5220 Brentwood Farm Drive
> Fairfax, VA 22030
> Mobile: [redacted]
> john@synclayerinc.com <mailto:john@synclayerinc.com>
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>
>> On Mar 26, 2019, at 1:53 PM, Katherine Hill via IACAList <iacalist@listserve.com <mailto:iacalist@listserve.com>> wrote:
>>
>> We are searching for the best product to visualize GPS data against our Incidents. For instance, we have a serial offender who had an ankle monitor, we want to load the GPS data, and automate checking for incidents in the vicinity of his location. Is there a product easy enough for Investigators to use, maybe even something that incorporates ALPR data?
>>
>> Thanks!
>> --
>> Katherine Hill 70917
>> Crime Analyst
>> Crime Analysis Unit
>>
>> Chattanooga Police Department
>> 3410 Amnicola Hwy
>> Chattanooga, TN 37406
>> [redacted]
>> khill@chattanooga.gov <mailto:khill@chattanooga.gov>
>>
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Message: 5
Date: Fri, 29 Mar 2019 16:04:34 -0400
From: Samantha Gwinn <samantha.dc@gmail.com>
To: IACA List <IACAList@iaca.net>
Subject: [IACA] Crime Analysts: Supporting Sexual Assault
Investigations (Archived Resources)
Message-ID:
<CACtnp8k5sMox9x_1N8gyuoSsgjympQ-j_ODoSqBwacUhri=bJw@mail.gmail.com>
Content-Type: text/plain; charset="utf-8"

Hi all,
Earlier this week, I gave a webinar hosted by RTI International, as part of the BJA Sexual Assault Kit Initiative program. (This webinar is not affiliated with LexisNexis Risk Solutions.) If you happened to attend, thank you! If you did not attend, the materials and an archived version are described and linked below.

While visiting the SAKI TTA website <https://urldefense.proofpoint.com/v2/url?u=http-3A__www.sakitta.org&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=k-f3qfAYTa2rKV1jWd2dAEBkTtLd7yjunaAOvqUXQcg&s=-UgqkQhaFqsOhVSORIaty5yjEUJAAS2H5bqpoQ3k4I8&e=>, I encourage you to explore and download additional resources, and sign up for updates (via the Create an Account link).

If you have any feedback or questions about the effort to involve crime analysts in sexual assault investigations and DNA backlog testing efforts, and we have not spoken about this effort already, please feel free to reach out.

Thank you and have a great weekend!
Sam

Samantha Gwinn
SAKI TTA Crime Analysis SME
RTI International
202.642.4754
samantha.dc@gmail.com

SAKI TTA - Crime Analysts: Supporting Sexual Assault Investigations
(Archival)

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SAKI TTA Webinar - Crime Analysts: Supporting Sexual Assault Investigations *(Archival)
*

SAKI TTA hosted a webinar titled, 'Crime Analysts: Supporting Sexual Assault Investigations', on Tuesday, March 26th, 2019 from 2:00pm ? 3:00pm ET. This webinar was presented by Samantha Gwinn, Public Safety Platform Manager with LexisNexis Risk Solutions.

You can access a recording of this webinar in our archive <https://urldefense.proofpoint.com/v2/url?u=https-3A__sakitta.us13.list-2Dmanage.com_track_click-3Fu-3Dee5523512411738bf07923a86-26id-3D8768b1c564-26e-3D2d5b9959a5&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=JjUJPE4iHOCoV4Iuf8VaMhDE2YDQmtiDfmo4sfZoAqY&m=k-f3qfAYTa2rKV1jWd2dAEBkTtLd7yjunaAOvqUXQcg&s=_7i1zs6LwMXqY6cNTHyp2tYJmHltVz_ytEpsQDuBNQk&e=>.
Please click on the link below to view the archived webinar.

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This webinar focused on the growing role for crime analysts as an integral part of SAKI and sexual assault investigations. The research being conducted as more SAKs are tested and more lawfully owed DNA is collected shows us that serial offenders are more common than previously known and that there is a need for better offender tracking and data analysis. Crime analysis has been a thriving professional field for decades, but we are only beginning to see opportunities emerging in the area of sexual assault and cold case investigations.

The presenter discussed best practices for agencies and analysts when it comes to supporting sexual assault investigations and prosecution, thereby holding offenders accountable and enabling justice for victims.
*Presentation Materials *

Click here
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to download a PDF of the SAKI TTA Brief on Applying Crime Analysis to Solve Cold Case Sexual Assaults

If you have any questions about the material presented as part of this webinar, please feel free to reach out to the SAKI TTA team.

Regards,

* The SAKI TTA Team*
sakitta@rti.org
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This project was supported by Grant No. 2015-AK-BX-K021 awarded by the Bureau of Justice Assistance. The Bureau of Justice Assistance is a component of the Department of Justice's Office of Justice Programs, which also includes the Bureau of Justice Statistics, the National Institute of Justice, the Office of Juvenile Justice and Delinquency Prevention, the Office for Victims of Crime, and the SMART Office. Points of view or opinions in this document are those of the author and do not necessarily represent the official position or policies of the U.S. Department of Justice.

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Message: 6
Date: Fri, 29 Mar 2019 19:24:44 +0000
From: "Misch, Robert" <Robert.Misch@aus.com>
To: "iacalist@iaca.net" <iacalist@iaca.net>
Subject: Re: [IACA] Mapping Software
Message-ID:
<DM6PR10MB2956AFC68B9158D66A62ED3D9C5A0@DM6PR10MB2956.namprd10.prod.outlook.com>

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Does anyone know of mapping software that can be used to label points on a building map?

I have to update our property check point scan maps to show the location and the name of the scan. I have the blue print type map of the property both internal and external. However I have not been able to find a map software that will let me properly use it. It's like pin point mapping but I have to also be able to clearly label it without it crowding the other pin points. The major issue is crowding on the map. There are at least 200 points I will need to record on the map.

Any suggestions are appreciated.

Thanks!

Maj. Robert Misch
Assistant Director of Security
Allied Universal

Grapevine Mills - Simon
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End of IACAList Digest, Vol 152, Issue 33
****

From: IACAList on behalf of iacalist-request@listserve.com
To: iacalist@listserve.com
Subject: IACAList Digest, Vol 152, Issue 33
Date: Saturday, March 30, 2019 8:50:51 AM

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You can review the list posting guidelines at https://urldefense.proofpoint.com/v2/url?u=http-3A__www.iaca net_Downloads_iaca-5Flist-5Fguidelines.pdf&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=4FPs4GbqHDUkPVIaY_Lr9ueCufgMX31557X32xgNRCQ&s=7TKAKLKJW-aSHkPXSjTfLRRQBwf9CPdNKMflnQexEk4&e=

You can reach the person managing the list at
iacalist-owner@listserve.com

When replying, please edit your Subject line so it is more specific than "Re: Contents of IACAList digest..."

Today's Topics:

1. Re: Fwd: Identification (Donaldson, Whitney)
2. MAPPING SOFTWARE (Angela M. Pollreisz)
3. Lead Crime Analyst Announcement (Albany, NY) (Jessica Roy)
4. Re: Best Product for GPS ALPR and Incident Investigations (John Sinclair)
5. Crime Analysts: Supporting Sexual Assault Investigations (Archived Resources) (Samantha Gwinn)
6. Re: Mapping Software (Misch, Robert)

Message: 1
Date: Fri, 29 Mar 2019 14:15:54 +0000
From: "Donaldson, Whitney" <Whitney.Donaldson@austintexas.gov>
To: "'Katherine Hill'" <khill@chattanooga.gov>, "'iacalist@iaca.net'" <iacalist@iaca net>
Subject: Re: [IACA] Fwd: Identification
Message-ID: <aab86aed1f1542a99646d0ba37f59b45@cte-exc1013.ausps.org>
Content-Type: text/plain; charset="utf-8"

A variation of Heathens Nomad MC? The have a strong presence in East Tennessee.

[cid:image008.jpg@01D4E610.02607C90]

Whitney Donaldson
Crime Intelligence Analyst
Austin Police Department
Commercial Burglary
P.O. Box 689001
Austin, Texas 78768-900
P: 512-974-5921

From: IACAList <iacalist-bounces+whitney.donaldson=austintexas.gov@listserve.com> On Behalf Of Katherine Hill via IACAList
Sent: Friday, March 29, 2019 8:07 AM
To: iacalist@iaca net
Subject: [IACA] Fwd: Identification

Can anyone identify the emblem on the cap and the back of the vest?
He's the suspect in the theft of our Sgts personally owned Harley Davidson Motorcycle at his residence.
I'm just a little concerned as he took it to this gas station and just left it, like a statement (?).
[IMG_1077.jpg]
[IMG_1080.jpg]
[IMG_1081.jpg]
[IMG_1079.jpg]
[IMG_1078.jpg]

Katherine Hill 70917
Crime Analyst
Crime Analysis Unit

Chattanooga Police Department
3410 Amnicola Hwy
Chattanooga, TN 37406
G.L. c. 4 sec.
khill@chattanooga.gov<mailto:khill@chattanooga.gov>

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Message: 2
Date: Fri, 29 Mar 2019 15:09:42 +0000
From: "Angela M. Pollreisz" <apollreisz@LEBANONMO.ORG>
To: "iacalist@iaca net" <iacalist@iaca net>
Subject: [IACA] MAPPING SOFTWARE
Message-ID:
<CY4PR17MB10323BB2F76FC0F2071DA4D5C05A0@CY4PR17MB1032.namprd17.prod.outlook.com>

Content-Type: text/plain; charset="us-ascii"

Who do you all use for crime mapping software. We use Omnigo's map and it leaves a lot to be desired. My Chief is looking for other options.

Angie Pollreisz | Executive Assistant, Police Analyst
Office 417-532-3131 ext. 2331 | Direct 417-991-2331
Lebanon Police Department
401 S. Jefferson Ave | Lebanon, MO 65536
apollreisz@lebanonmo.org<mailto:apollreisz@lebanonmo.org>

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Message: 3
Date: Fri, 29 Mar 2019 11:45:09 -0400
From: Jessica Roy <mccormick.jessica123@gmail.com>
To: IACA ListServ <iacalist@iaca net>
Subject: [IACA] Lead Crime Analyst Announcement (Albany, NY)
Message-ID:
<CAGyVAWF7weAjoH3Jsmf7R_is9++ZqBKgodSuom_vG51SnNhkRA@mail.gmail.com>
Content-Type: text/plain; charset="utf-8"

Good morning,

The Finn Institute is currently seeking to fill a full-time lead crime
analyst position. The analyst will work on-site at the Capital Region Crime
Analysis Center in Albany, NY. The Center is staffed with a team of crime
analysts and sworn law enforcement members who support area law enforcement
agencies in their efforts to track and reduce Part I crime.

Please see the attached position announcement for more information.

Thank you,

Jessica

Jessica Roy
Assistant Director of Technical Assistance, Research Analyst
The John F. Finn Institute for Public Safety, Inc.
421 New Karner Rd., Ste. 12, Albany, NY 12205
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Message: 4
Date: Fri, 29 Mar 2019 12:01:30 -0400
From: John Sinclair <john@synclayerinc.com>
To: John Sinclair <john@synclayerinc.com>
Cc: iacalist@iaca net
Subject: Re: [IACA] Best Product for GPS ALPR and Incident
Investigations
Message-ID: <5D287534-CE86-4A02-8C3C-B9E7F50ECB1F@synclayerinc.com>
Content-Type: text/plain; charset="utf-8"

All -

Our sincere apologies for sending the previous response to the entire list. It was not our intention to spam the entire group. The password to the video has been changed. Please contact us directly if you would like to learn more about our product. Again our apologies.

Sincerely,

John Sinclair
Sync Layer, Inc.
5220 Brentwood Farm Drive
Fairfax, VA 22030
Mobile: 571.[illegible]
john@synclayerinc.com

> On Mar 29, 2019, at 10:26 AM, John Sinclair via IACAList <iacalist@listserve.com> wrote:
>
> Good Morning,
>
> Like others have suggested, ESRI ArcMap is the industry standard for visualizing data but as most have probably mentioned, it is very difficult to use and takes quite a bit of time to master. However, I think the analysis you are looking for requires a custom algorithm to match up incidents in proximity to the ankle monitor data. I don?t believe there is an off the shelf product that can do exactly what you are asking.
>
> We have a simple to use product that provides visualization of many different types of law enforcement datasets including ankle monitors and ALPR data. It does have the ability to match events in proximity to each other, but it is not exactly what you need in our production version. However, we do have the capability to match your events quickly using our unreleased version and I would be willing to run it to check for matching incidents free of charge to better understand your needs and how we make this capability easier to use as we incorporate it into our product.
>
> In case you are interested and want more information on what we are working with, I attached a flyer to give you more insight into our product and here is a quick summary of some key differentiators of our software:
> Synchronizing multiple suspects and data:
> Simultaneously visualize the behaviors of multiple suspects
> Concurrently view multiple types of data for one or more suspects
> Automatically time align imported files
> Easily import custom geospatial data
> Live data feeds
> Supports live data feeds like ping emails, vehicle GPS, mobile device apps, and drone locations
> Automatically tracks and maps data
> Visual triangulation of Verizon data
> Provides extremely accurate position estimates for Verizon ping and ALULTE data
> Report builder
> Allows user to easily create reports of their findings and export them to PDF
> Integrate with other sources
> Integrate county resources, google resources, or other sources for more contextual information
>
> Also, we have a short 6 minute video demonstration of how SyncArena was used in solving a murder for a multi-jurisdictional case. The video is available on our website www.syncarena.com <https://urldefense.proofpoint.com/v2/url?u=http-3A__www.syncarena.com_&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=4FPs4GbqHDUkPVIaY_Lr9ueCufgMX31557X32xgNRCQ&s=50Vs-8yTwvkpSZkpX-62Xfni6nJ6Gnj1XtZKuFlDYJ4&e=> or you can just use the direct link below:
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> Password: syncArenA
>
> Thank you,
>
> John Sinclair
> Sync Layer, Inc.
> 5220 Brentwood Farm Drive
> Fairfax, VA 22030
> Mobile: [redacted]
> john@synclayerinc.com <mailto:john@synclayerinc.com>
>
>
> <synclayer.png>
> <SyncArena Capability.pdf>
>
>
>> On Mar 26, 2019, at 1:53 PM, Katherine Hill via IACAList <iacalist@listserve.com <mailto:iacalist@listserve.com>> wrote:
>>
>> We are searching for the best product to visualize GPS data against our Incidents. For instance, we have a serial offender who had an ankle monitor, we want to load the GPS data, and automate checking for incidents in the vicinity of his location. Is there a product easy enough for Investigators to use, maybe even something that incorporates ALPR data?
>>
>> Thanks!
>> --
>> Katherine Hill 70917
>> Crime Analyst
>> Crime Analysis Unit
>>
>> Chattanooga Police Department
>> 3410 Amnicola Hwy
>> Chattanooga, TN 37406
>> [redacted]
>> khill@chattanooga.gov <mailto:khill@chattanooga.gov>
>>
>>
>> *** You are subscribed to IACAList as john@synclayerinc.com <mailto:john@synclayerinc.com>. If you wish to unsubscribe, or modify your preferences please visit https://urldefense.proofpoint.com/v2/url?u=https-3A__mailman.listserve.com_listmanager_listinfo_iacalist&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=4FPs4GbqHDUkPVIaY_Lr9ueCufgMX31557X32xgNRCQ&s=1e1Yw5lzIon9CWq-ZoDdKM9YzATdAqZ_8zieyIUvj0g&e= <https://urldefense.proofpoint.com/v2/url?u=https-3A__mailman.listserve.com_listmanager_listinfo_iacalist&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=4FPs4GbqHDUkPVIaY_Lr9ueCufgMX31557X32xgNRCQ&s=1e1Yw5lzIon9CWq-ZoDdKM9YzATdAqZ_8zieyIUvj0g&e=> ***
>
> *** You are subscribed to IACAList as john@synclayerinc.com. If you wish to unsubscribe, or modify your preferences please visit https://urldefense.proofpoint.com/v2/url?u=https-3A__mailman.listserve.com_listmanager_listinfo_iacalist&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=4FPs4GbqHDUkPVIaY_Lr9ueCufgMX31557X32xgNRCQ&s=1e1Yw5lzIon9CWq-ZoDdKM9YzATdAqZ_8zieyIUvj0g&e= ***

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Message: 5
Date: Fri, 29 Mar 2019 16:04:34 -0400
From: Samantha Gwinn <samantha.dc@gmail.com>
To: IACA List <IACAList@iaca net>
Subject: [IACA] Crime Analysts: Supporting Sexual Assault
Investigations (Archived Resources)
Message-ID:
<CACtnp8k5sMox9x_1N8gyuoSsgjympQ-j_ODoSqBwacUhri=bJw@mail.gmail.com>
Content-Type: text/plain; charset="utf-8"

Hi all,
Earlier this week, I gave a webinar hosted by RTI International, as part of the BJA Sexual Assault Kit Initiative program. (This webinar is not affiliated with LexisNexis Risk Solutions.) If you happened to attend, thank you! If you did not attend, the materials and an archived version are described and linked below.

While visiting the SAKI TTA website <https://urldefense.proofpoint.com/v2/url?u=http-3A__www.sakitta.org&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=4FPs4GbqHDUkPVIaY_Lr9ueCufgMX31557X32xgNRCQ&s=5tIAdlTSVbCaOzMh0kLfbade9kCYHm8MrZ32G0Akn50&e=>, I encourage
you to explore and download additional resources, and sign up for updates (via the Create an Account link).

If you have any feedback or questions about the effort to involve crime analysts in sexual assault investigations and DNA backlog testing efforts, and we have not spoken about this effort already, please feel free to reach out.

Thank you and have a great weekend!
Sam

Samantha Gwinn
SAKI TTA Crime Analysis SME
RTI International
202.642.4754
samantha.dc@gmail.com

SAKI TTA - Crime Analysts: Supporting Sexual Assault Investigations
(Archival)

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SAKI TTA Webinar - Crime Analysts: Supporting Sexual Assault
Investigations *(Archival)
*

SAKI TTA hosted a webinar titled, 'Crime Analysts: Supporting Sexual Assault Investigations', on Tuesday, March 26th, 2019 from 2:00pm ? 3:00pm ET. This webinar was presented by Samantha Gwinn, Public Safety Platform Manager with LexisNexis Risk Solutions.

You can access a recording of this webinar in our archive
<https://urldefense.proofpoint.com/v2/url?u=https-3A__sakitta.us13.list-2Dmanage.com_track_click-3Fu-3Dee5523512411738bf07923a86-26id-3D8768b1c564-26e-3D2d5b9959a5&d=DwICAg&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=RczylWAOGka07XbvRZTVevfhcU9hAe0aT9nmy75UBfiBGzb_X5vX3tcPr0Ql9Vmi&m=4FPs4GbqHDUkPVIaY_Lr9ueCufgMX31557X32xgNRCQ&s=2J1zjMygu6LZGqZuy4uzilPIRVj2EIs3WbdW5r8hK2I&e=>.
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This webinar focused on the growing role for crime analysts as an integral part of SAKI and sexual assault investigations. The research being conducted as more SAKs are tested and more lawfully owed DNA is collected shows us that serial offenders are more common than previously known and that there is a need for better offender tracking and data analysis. Crime analysis has been a thriving professional field for decades, but we are only beginning to see opportunities emerging in the area of sexual assault and cold case investigations.

The presenter discussed best practices for agencies and analysts when it comes to supporting sexual assault investigations and prosecution, thereby holding offenders accountable and enabling justice for victims.
*Presentation Materials *

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to download a PDF of the SAKI TTA Brief on Applying Crime Analysis to Solve
Cold Case Sexual Assaults

If you have any questions about the material presented as part of this webinar, please feel free to reach out to the SAKI TTA team.

Regards,

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This project was supported by Grant No. 2015-AK-BX-K021 awarded by the Bureau of Justice Assistance. The Bureau of Justice Assistance is a component of the Department of Justice's Office of Justice Programs, which also includes the Bureau of Justice Statistics, the National Institute of Justice, the Office of Juvenile Justice and Delinquency Prevention, the Office for Victims of Crime, and the SMART Office. Points of view or opinions in this document are those of the author and do not necessarily represent the official position or policies of the U.S. Department of Justice.

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Message: 6
Date: Fri, 29 Mar 2019 19:24:44 +0000
From: "Misch, Robert" <Robert.Misch@aus.com>

To: "iacalist@iaca net" <iacalist@iaca net>
Subject: Re: [IACA] Mapping Software
Message-ID:
<DM6PR10MB2956AFC68B9158D66A62ED3D9C5A0@DM6PR10MB2956 namprd10.prod.outlook.com>

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Does anyone know of mapping software that can be used to label points on a building map?

I have to update our property check point scan maps to show the location and the name of the scan. I have the blue print type map of the property both internal and external. However I have not been able to find a map software that will let me properly use it. It's like pin point mapping but I have to also be able to clearly label it without it crowding the other pin points. The major issue is crowding on the map. There are at least 200 points I will need to record on the map.

Any suggestions are appreciated.

Thanks!

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Assistant Director of Security
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3000 Grapevine Mills Pkwy | Grapevine, TX 76051
P: 972-538-5920 | C: 682-238-8620 | F: 972-724-4920<tel:972-724-4920>
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To: Doyle, Paul (POL)
Subject: Is your agency up-to-date with police technology?
Date: Thursday, September 5, 2019 6:15:33 PM

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Subject: Is your agency up-to-date with police technology?
Date: Thursday, September 5, 2019 6:17:10 PM

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Brought to you by POLICE Magazine, POLICE Technology eXchange, (PTX) brings together senior-level IT, Communications and Technology decision-makers face-to-face with leading law enforcement technology suppliers. The first PTX is taking place December 9-11, 2019, at the beautiful Scottsdale Resort at McCormick Ranch in Scottsdale, AZ.

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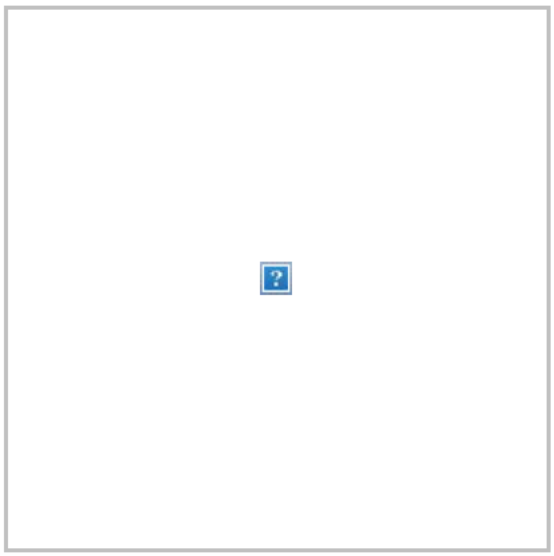
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To: D"Amore, Paul (POL)
Subject: Law Enforcement News
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**"Think of how stupid the average person is,
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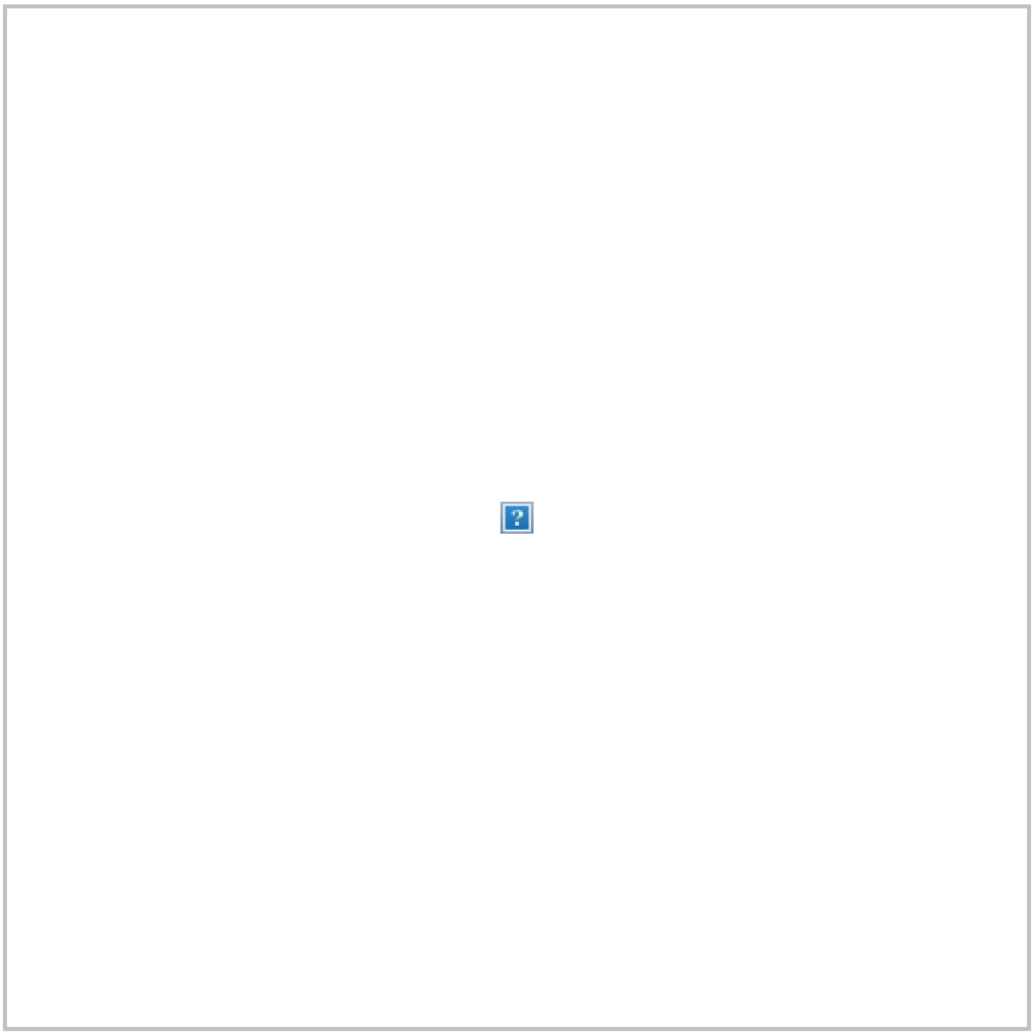
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L.A. County Sheriff Alex Villanueva defends reinstating...

Alex Villanueva is less than two months into his role as Los Angeles County sheriff, but county watchdogs are already expressing concern over some of his moves. At his first appearance before the Sheriff Civilian Oversight Commission on Tuesday,...

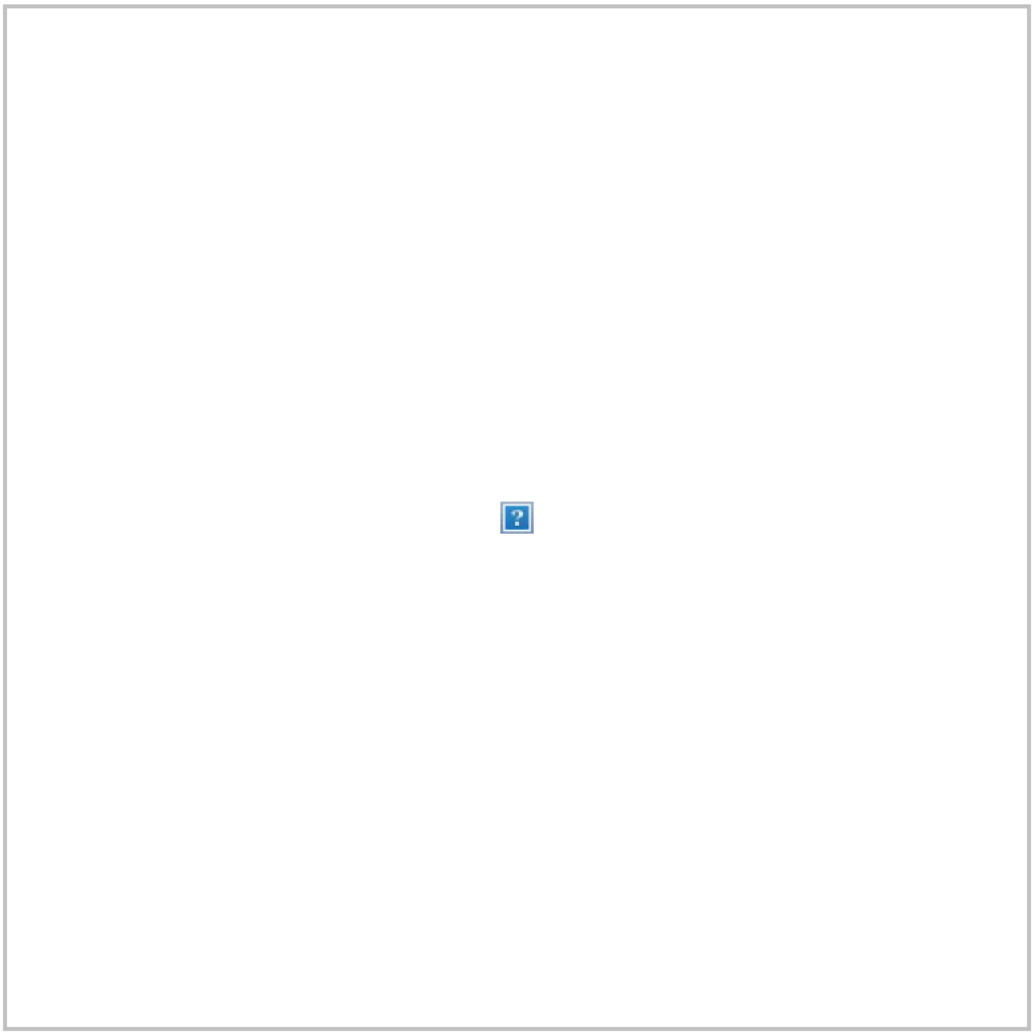
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Phoenix police arrest former nurse after woman in...

Police in Arizona have made an arrest in connection with a woman who gave birth to a baby boy while in a vegetative state. The 36-year-old suspect, Nathan Sutherland, was arrested after investigators obtained a DNA sample Tuesday, according to...

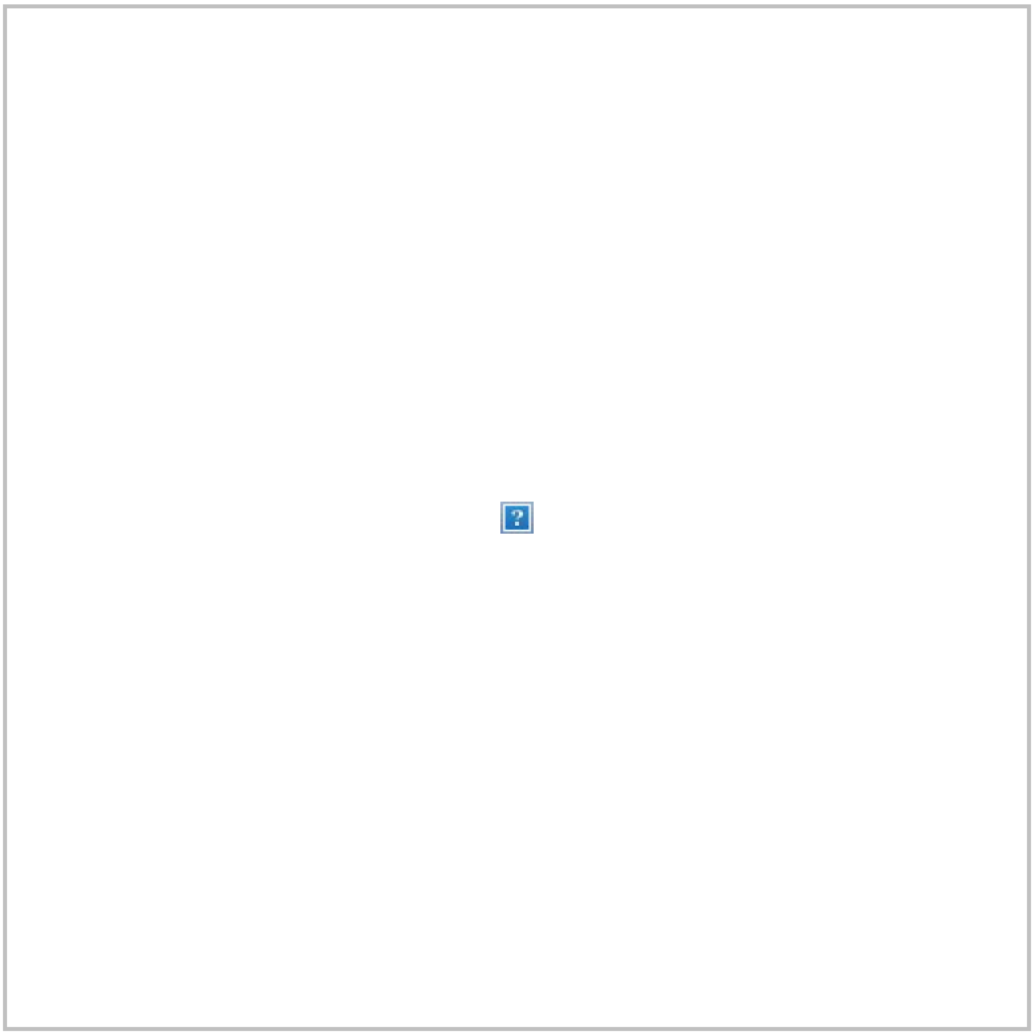
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Newsom plans to move California Juvenile Justice...

California Gov. Gavin Newsom said Tuesday that he intends to shift control of the state's Juvenile Justice Division away from corrections officials to government health and human services providers, a move he called long overdue and necessary to...

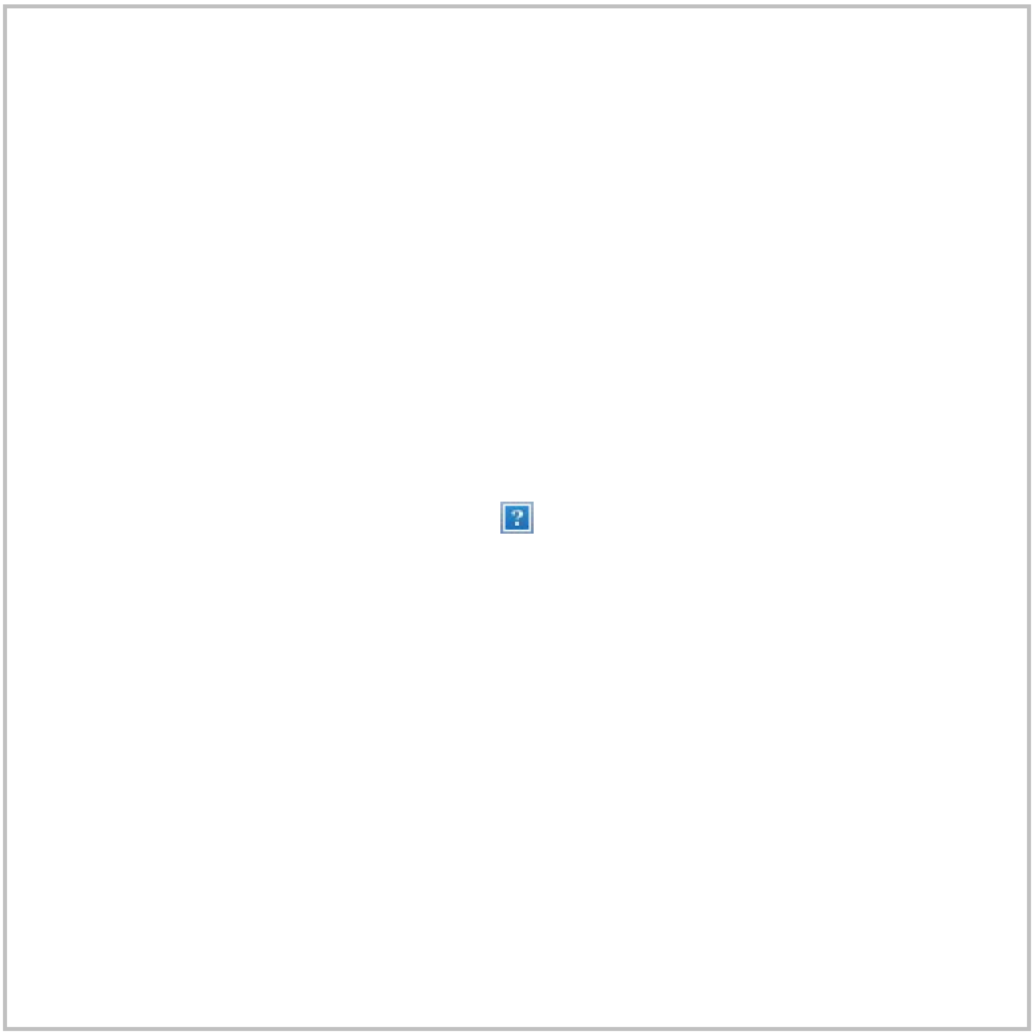
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Supreme Court will review gun restrictions for first...

January 22 The Supreme Court on Tuesday said it will examine New York City's ban on transporting a licensed and unloaded handgun outside the city limits, the first Second Amendment challenge it has accepted in nearly a decade.

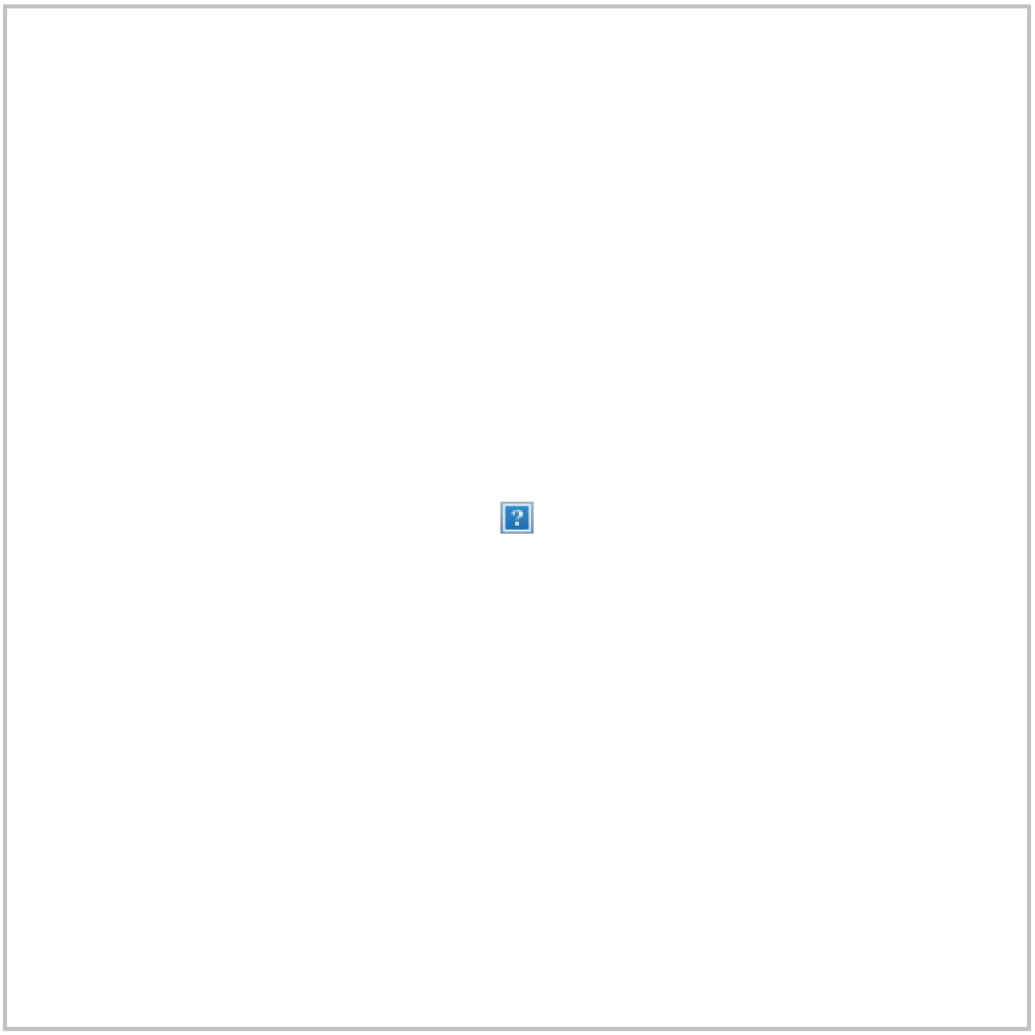
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DACA program that protects young undocumented immigrants ...

January 22 at 10:38 AM The Supreme Court is not likely to review during its current term the program that shields young undocumented immigrants brought to the United States as children, leaving in place the Obama-era initiative that the Trump...

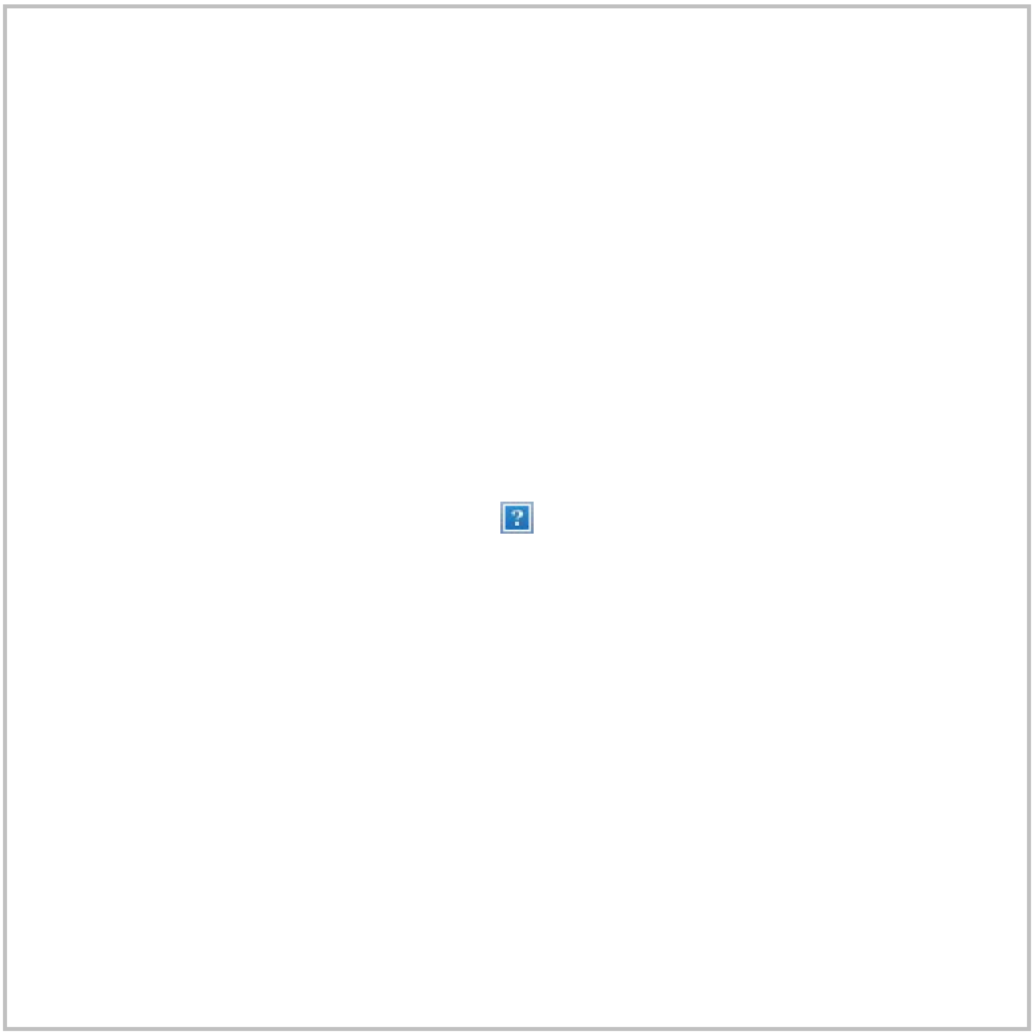
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The Marijuana Billionaire Who Doesn't Smoke Weed

It's just after 6, on a pitch-dark morning in December, and Brendan Kennedy is standing over the stove, wearing shorts and a vest, meditatively melting butter in a pancake pan.

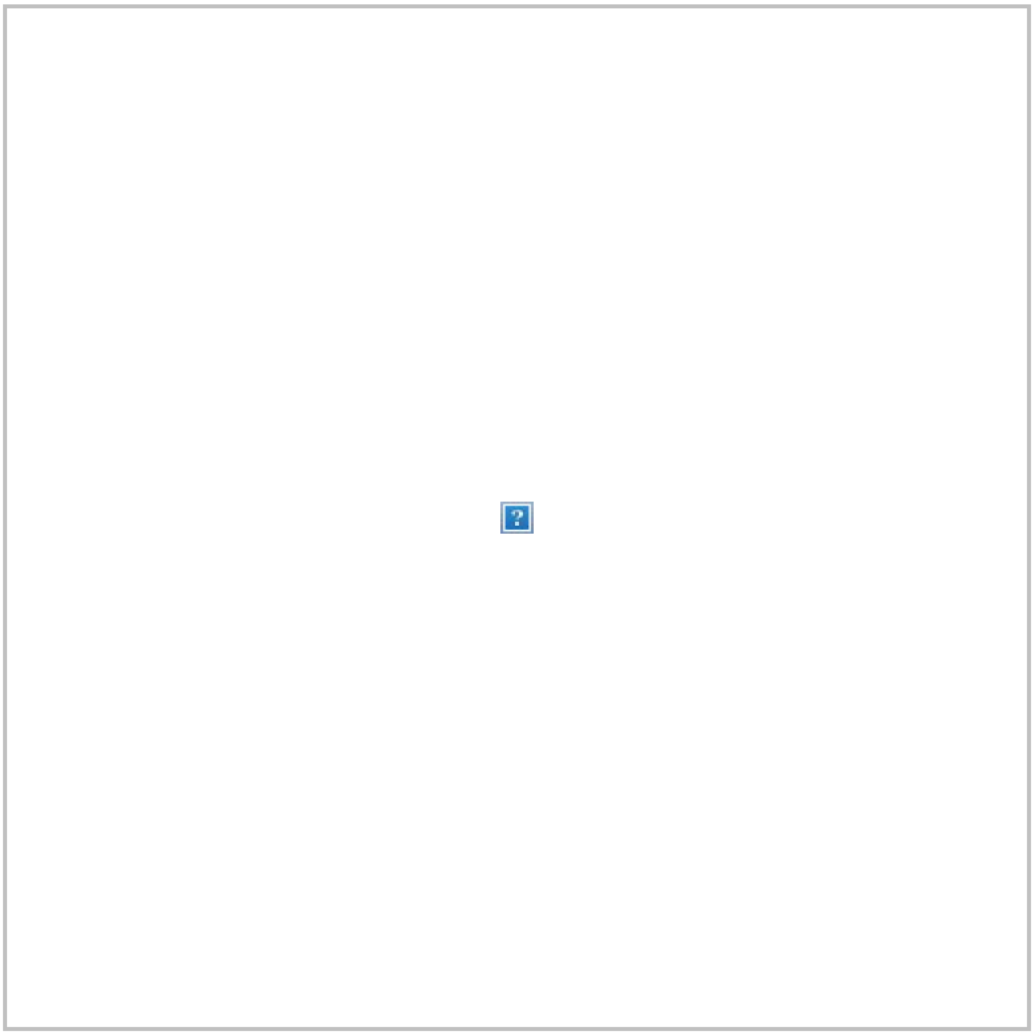
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Four charged with having explosives, plotting to attack...

GREECE, N.Y. (WHEC) -- Four suspects have been arrested and charged after Greece Police say they planned to attack a Muslim community near Binghamton. Greece Police arrested 20-year-old Brian Colaneri of Gates, 18-year-old Andrew Crysel of East...

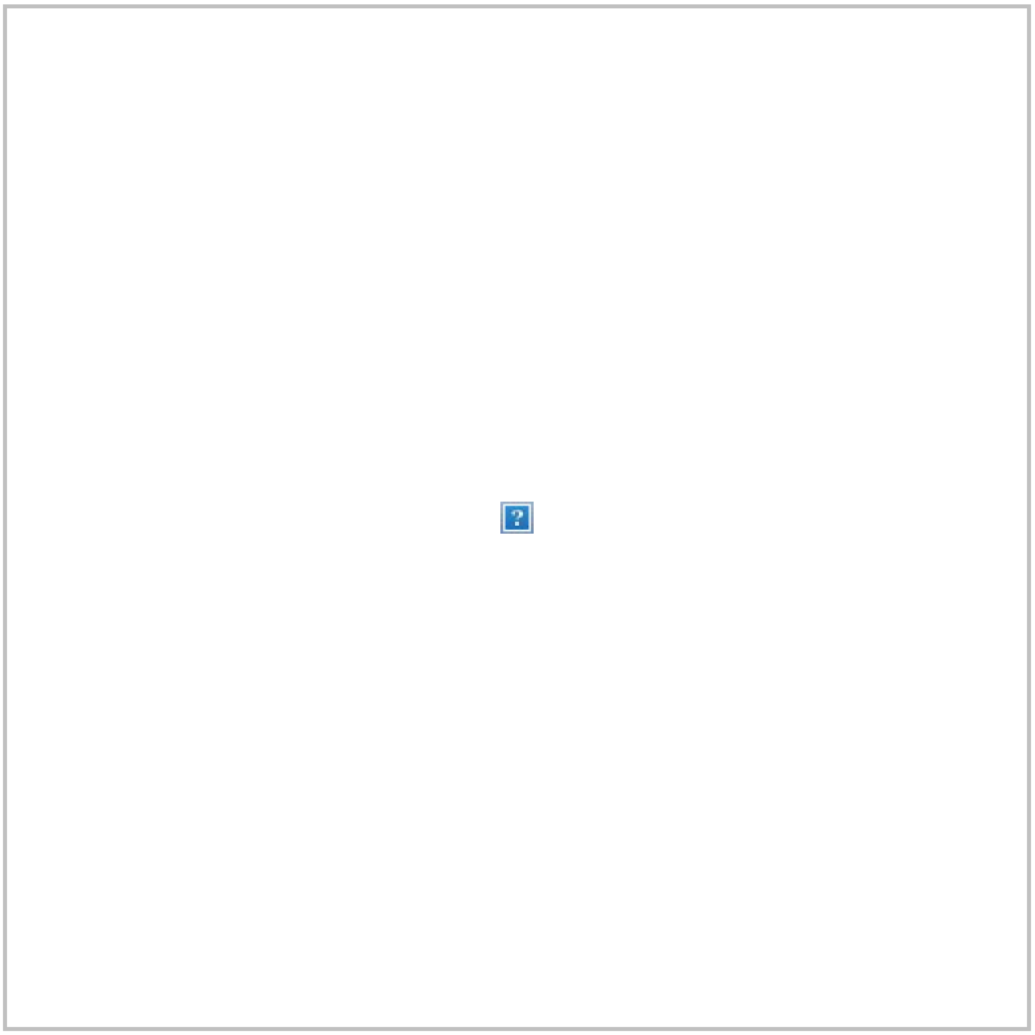
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At least five dead after gunman barricades himself in...

January 23 at 5:27 PM BREAKING: At least five people are dead after a gunman opened fire Wednesday afternoon at a SunTrust Bank in Sebring, Fla., authorities said. At about 12:30 p.m., a man contacted police to say he had fired shots inside the...

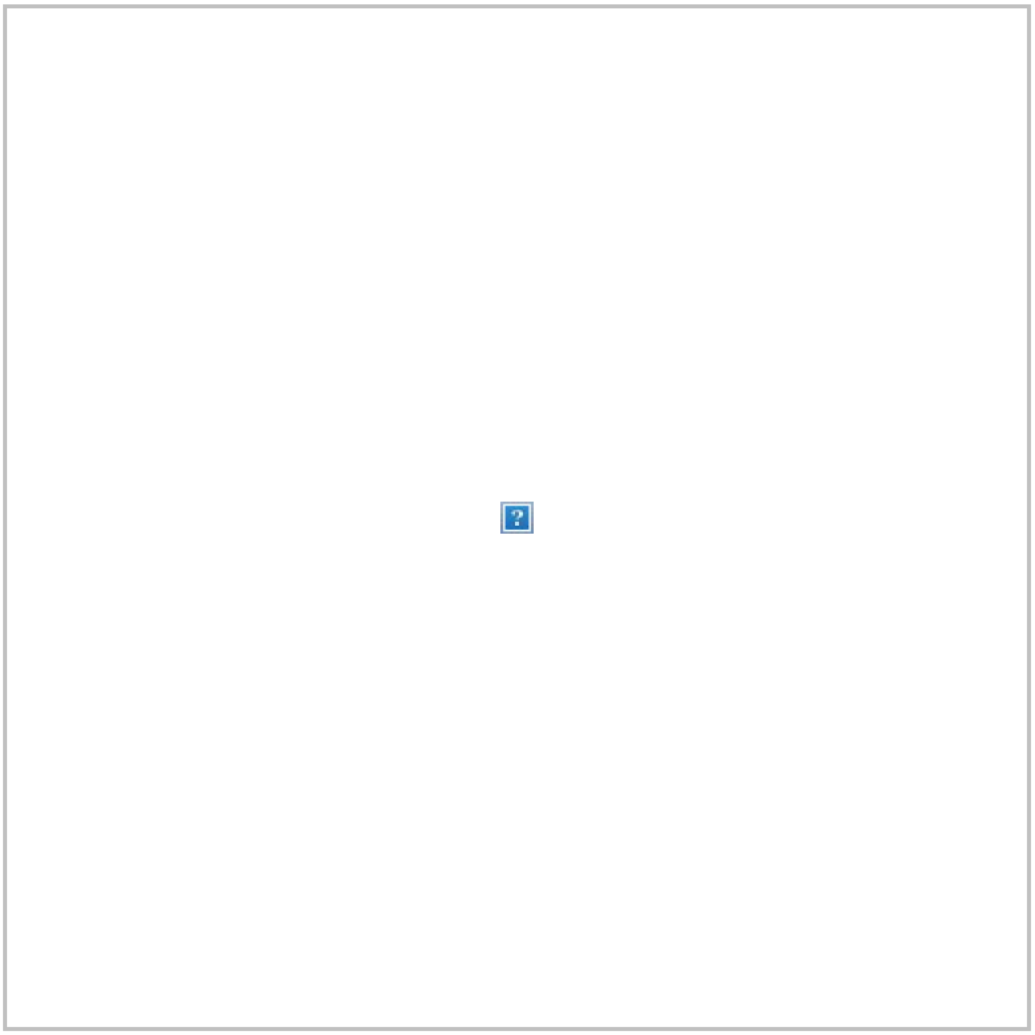
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Hennepin County public defender questions police...

After Minneapolis police allowed a documentary crew to follow officers behind the scenes, Hennepin County's top public defender wants to know whether the footage may contain evidence that should have been disclosed in her clients' criminal cases. ...

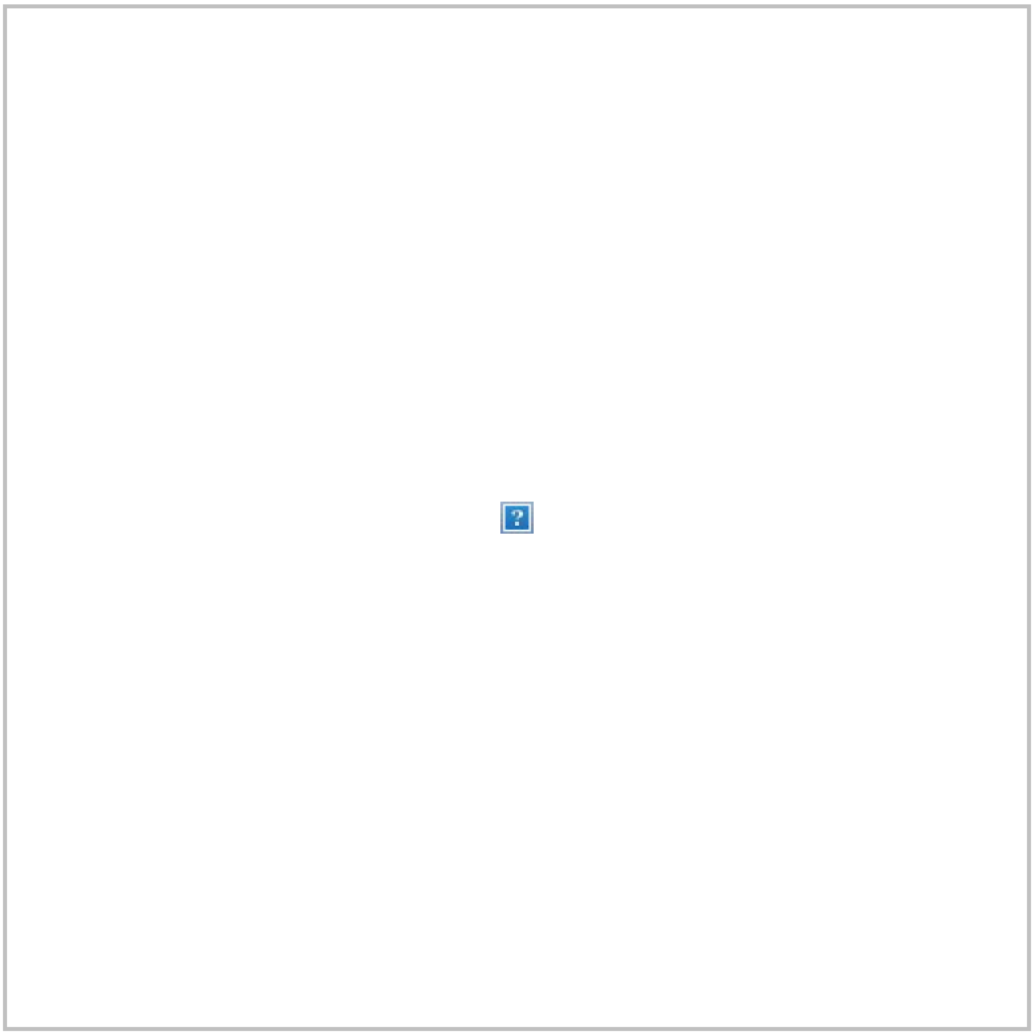
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Vancouver police launch private camera registry

The Vancouver Police Department is launching a program for city residents and business owners to register information about their surveillance systems in an effort to hasten criminal investigations. The police department announced the launch of...

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Charlestown kidnapping suspect no stranger to Boston,...

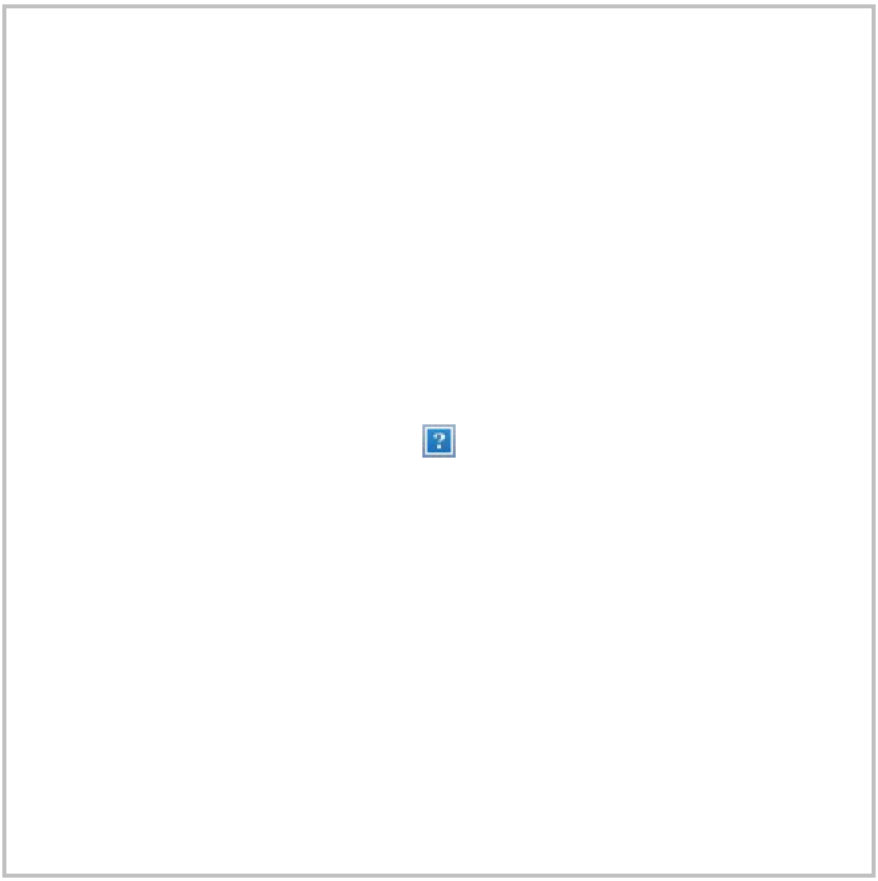
The New Jersey native being arraigned this morning for the alleged weekend kidnapping of 23-year-old Olivia Ambrose was accused six years ago of violating a restraining order taken out against him by a fearful former lover, according to a Boston...

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Lawsuit: Police illegally raid home, business, seize...

In the latest lawsuit involving members of a former multi-jurisdictional auto theft task force, the owner of a used auto parts shop accuses police officers of targeting him because he's Arab-American, and illegally raiding his business and...

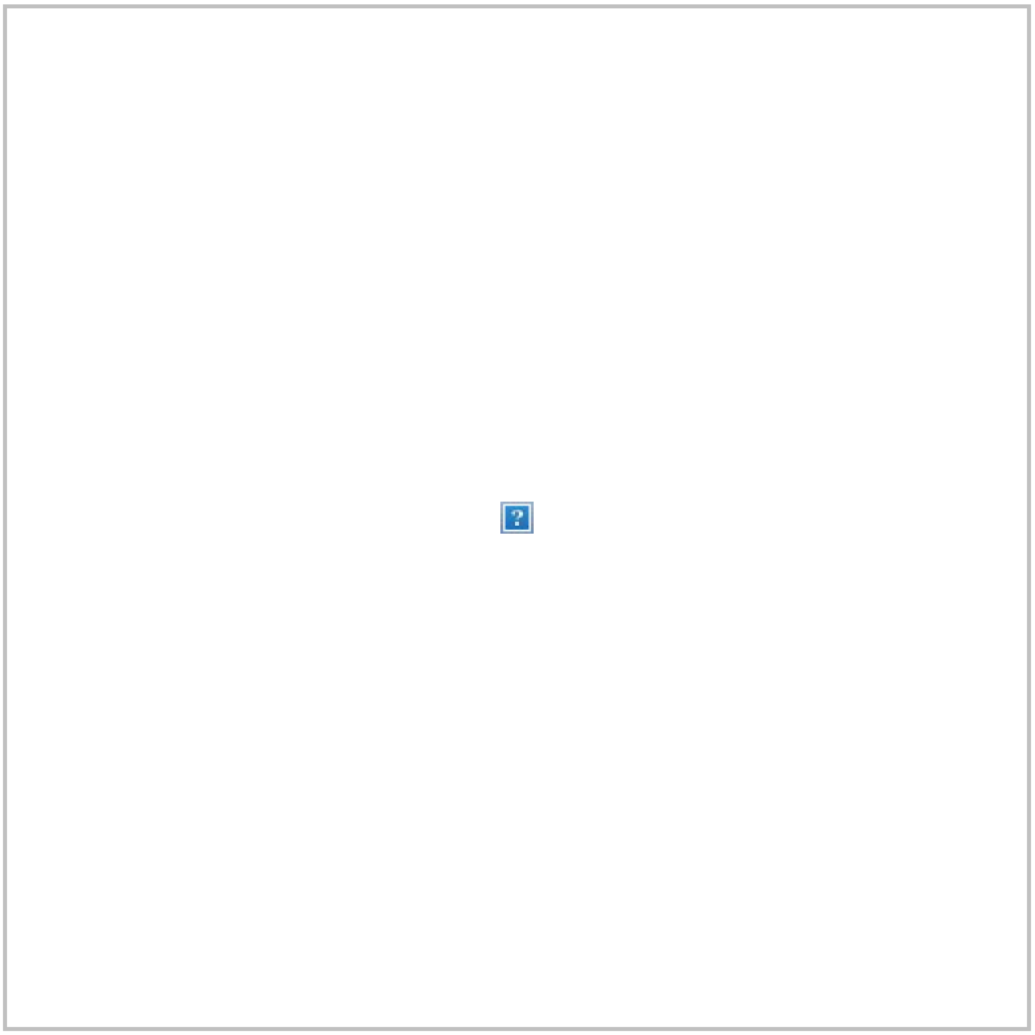
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Rape Charges Against Wilkes-Barre Police Officer

WILKES-BARRE, Pa. -- State police have arrested a Wilkes-Barre police officer and are charging him with sexually assaulting four female victims over a 16-month period. Investigators believe Robert Collins, 53, of Mountain Top, sexually assaulted...

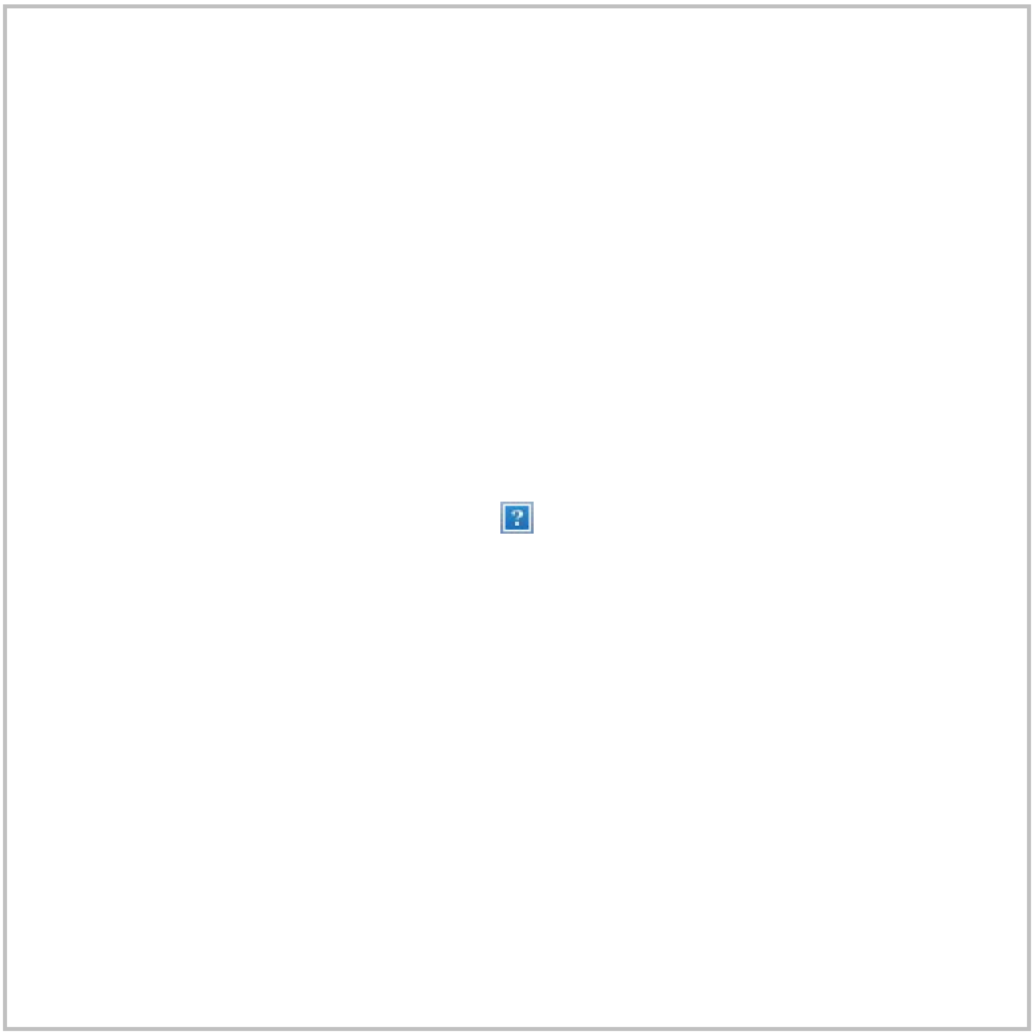
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Tempe police dispute conflicting witness reports in...

CLOSE The Tempe Police Department is disputing comments made by the owner of the truck 14-year-old Antonio Arce was reportedly burglarizing when police shot and killed him last week. The police statement came a day after Lou Silvas told The...

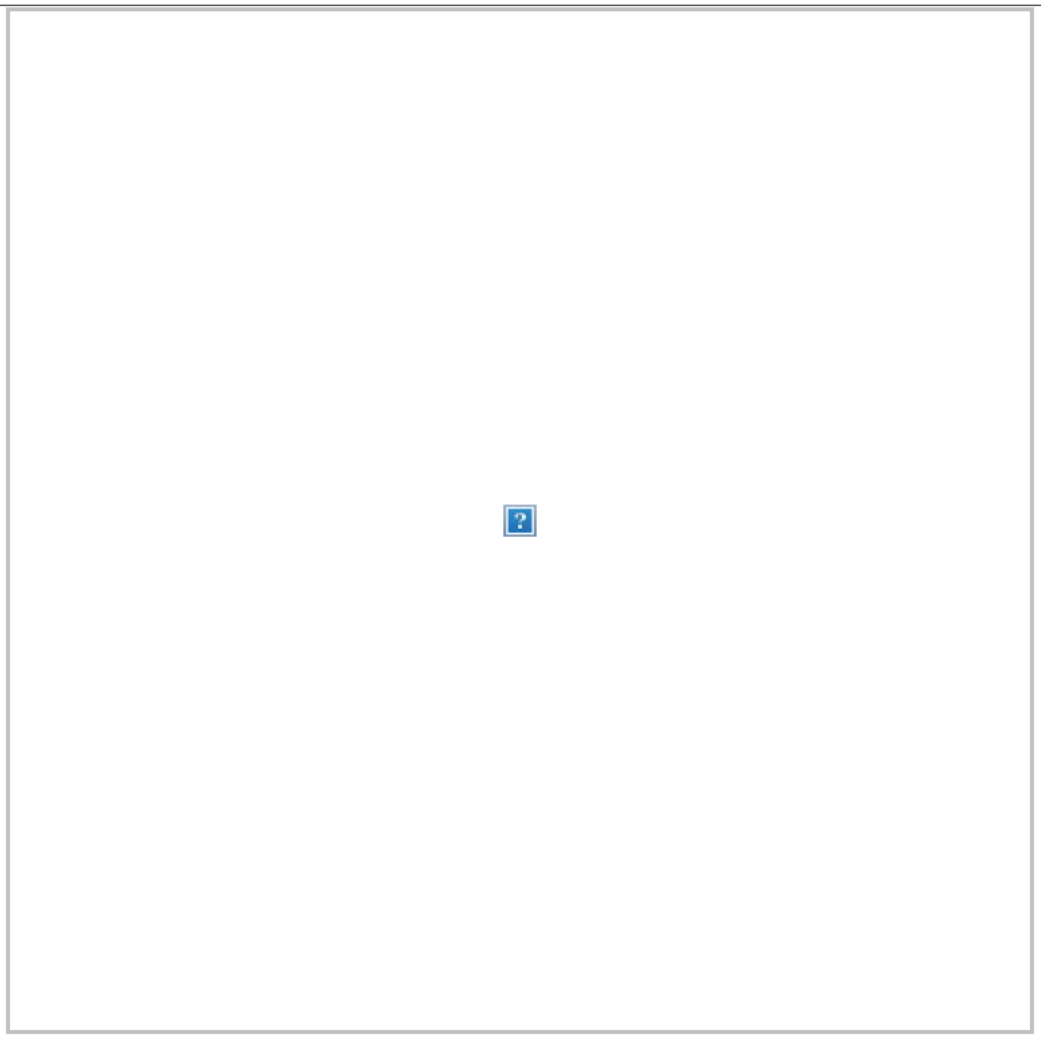
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Son of new NOPD chief accused of punching ex-girlfriend...

The son of the city's new police chief is accused of punching his ex-girlfriend during an argument between the two last week in New Orleans, court records confirm. Shane Ferguson, 21, was arrested Tuesday evening on a charge of domestic abuse...

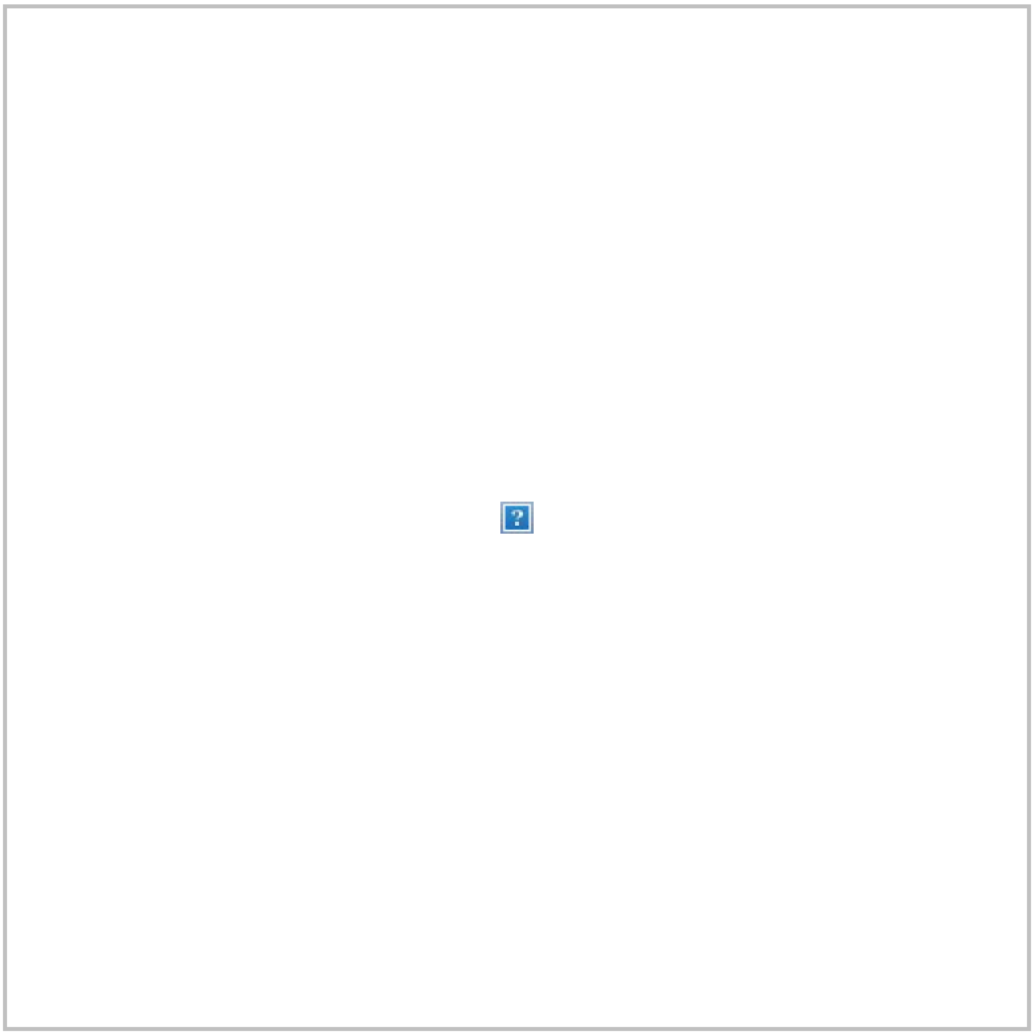
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Police license plate readers are still exposed on the...

Smile! You're on camera. At least, your license plate is. You might have heard of automatic license plate recognition - known as ALPR (or ANPR in the U.K. for number plates). These cameras are dotted across the U.S., and are controlled mostly by...

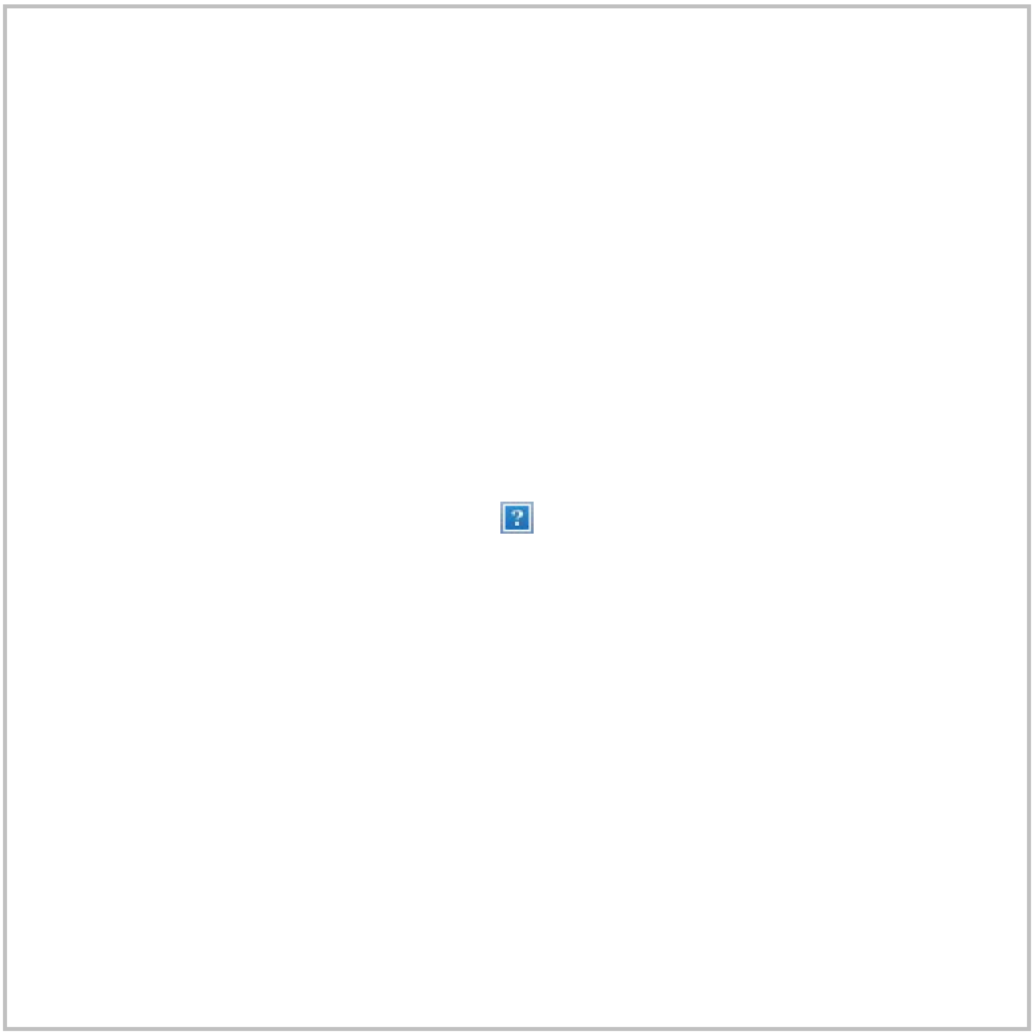
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Lawrence police officer pierced by baton during struggle

Lawrence police say an officer was impaled on his baton while struggling with a suspect.

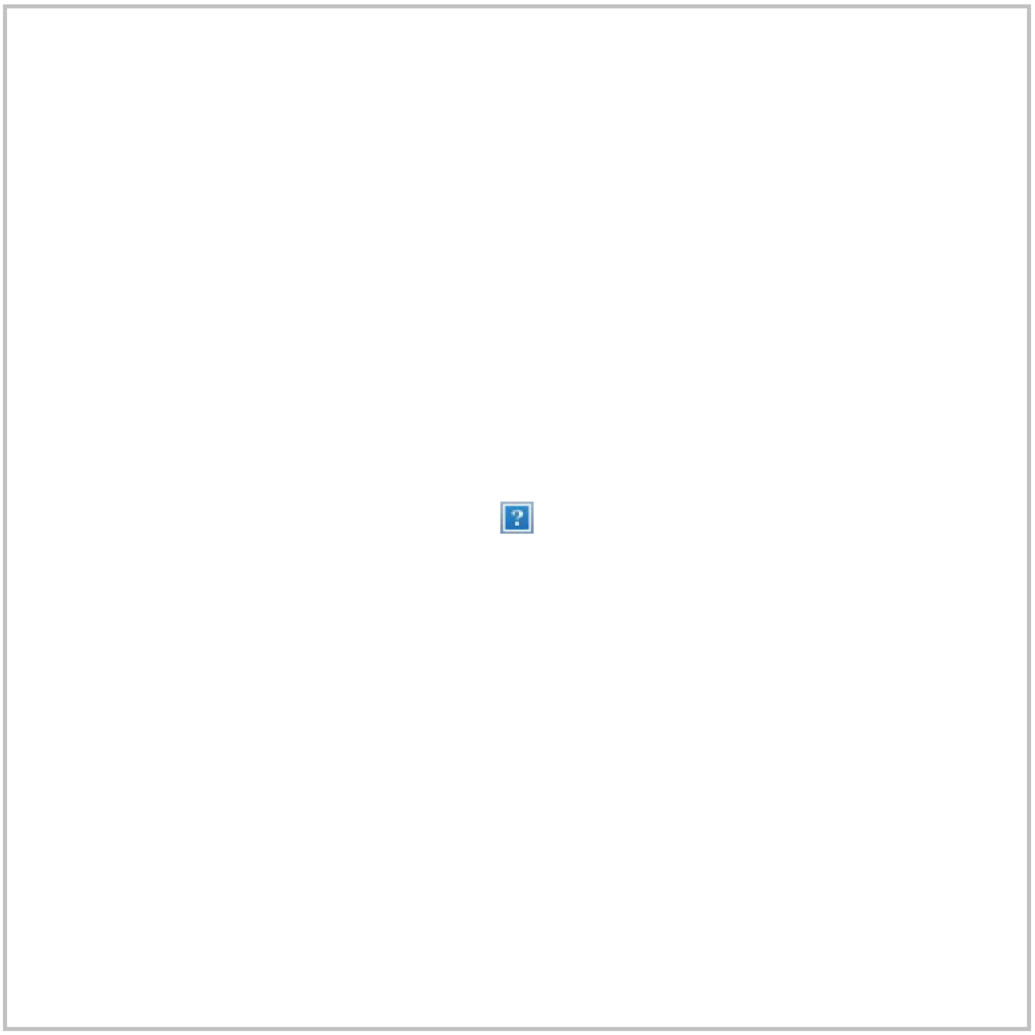
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Saginaw gourmet bakery offering law enforcement officers ...

SAGINAW, Mich. -- Are you an officer or know someone who is? Rebecca's Gourmet Bakery has a sweet treat for you today. The bakery, located at 203 South Washington Avenue in Saginaw will be serving dessert to all Saginaw law enforcement officers.

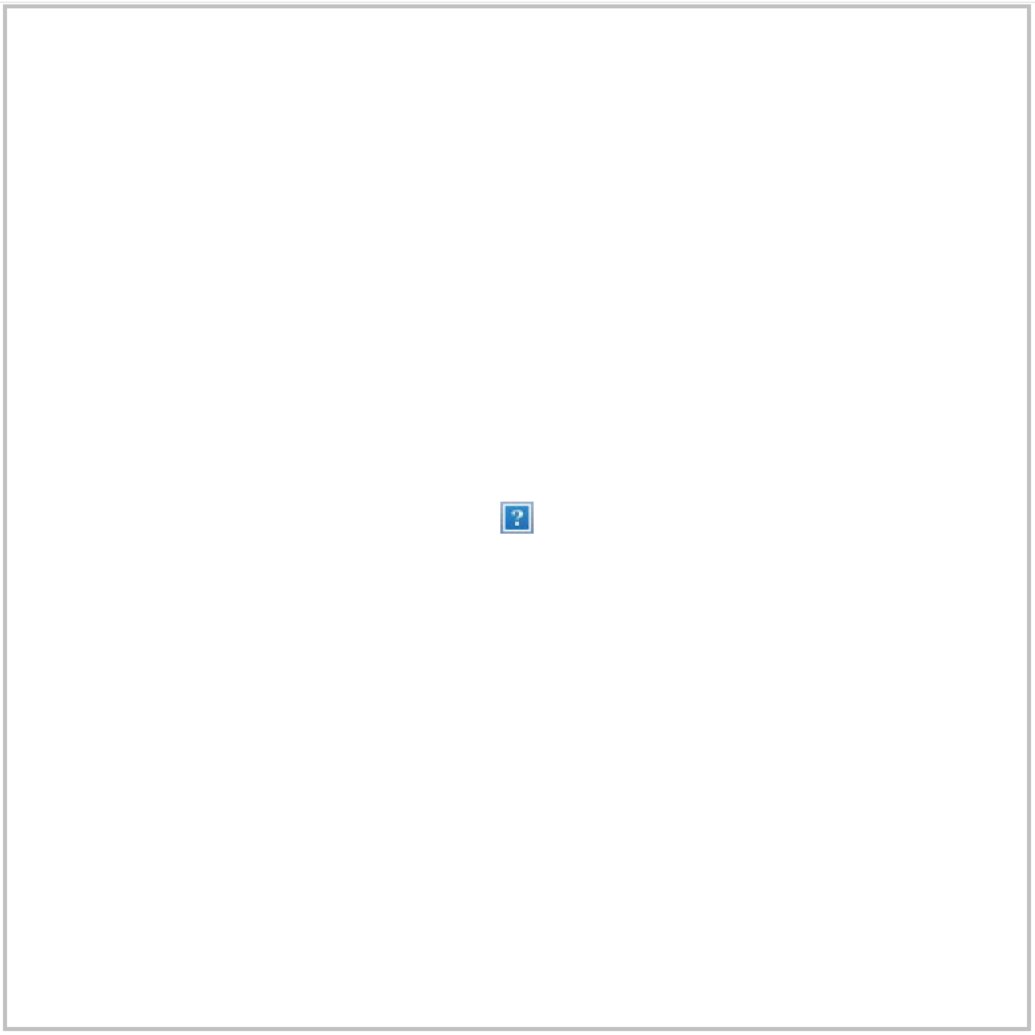
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NYPD virtual-reality program to aid children

The NYPD is using virtual reality to help teenagers deal with real life on the street. Aided by $500,000 from the nonprofit New York City Police Foundation, city cops are putting youngsters through computer simulations - complete with...

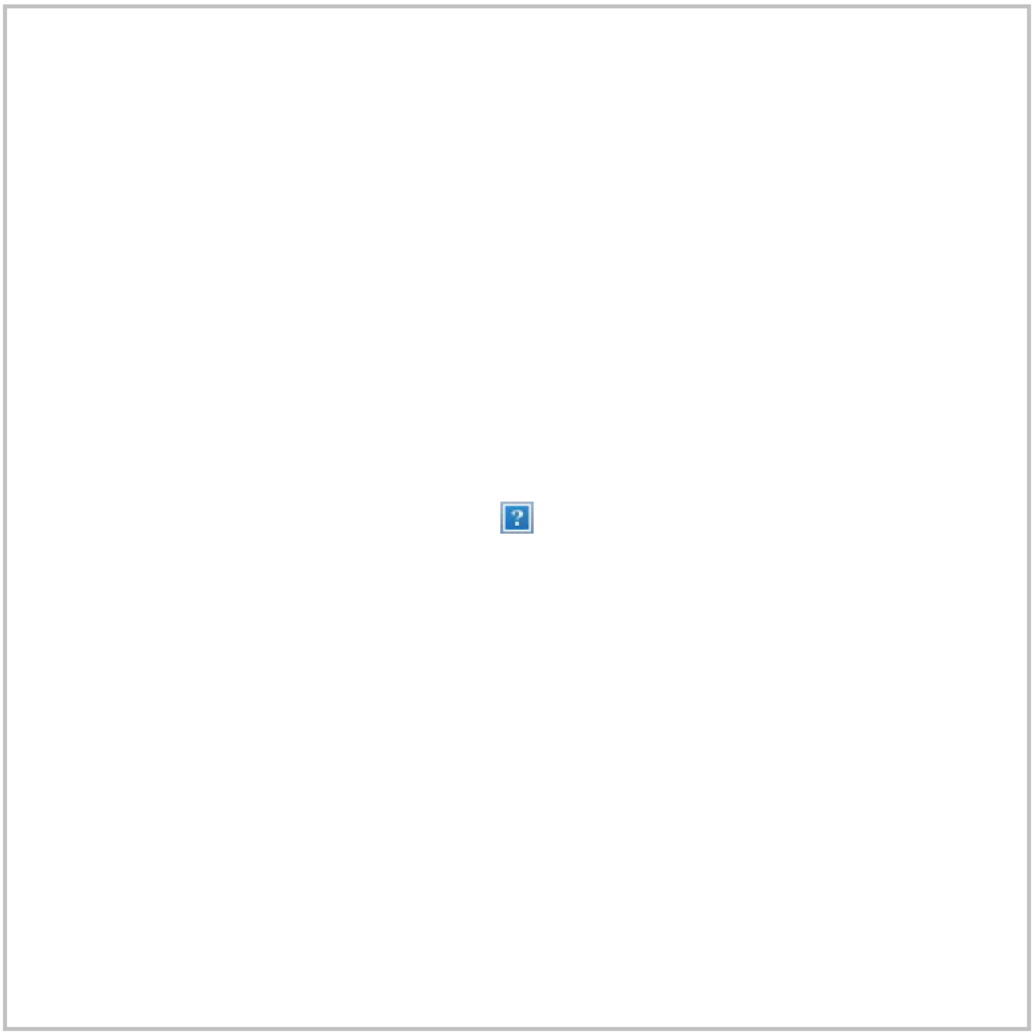
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Can You Pass Our 2018 Quiz?

Test your memory on some of the year's top criminal justice stories.

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Detroit Lakes police chief suspended for actions over...

DETROIT LAKES, Minn. - The Detroit Lakes police chief is serving a one-week suspension without pay following an internal investigation into the way he handled a controversial incident involving a youth last summer.Steven Todd began the suspension ...

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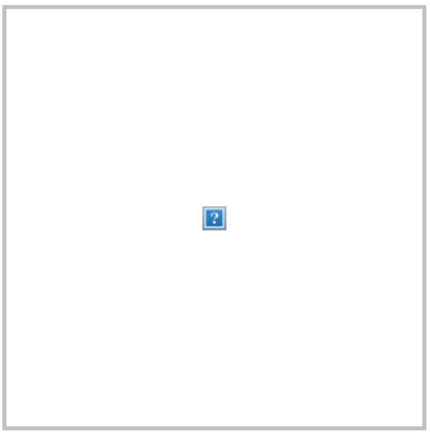
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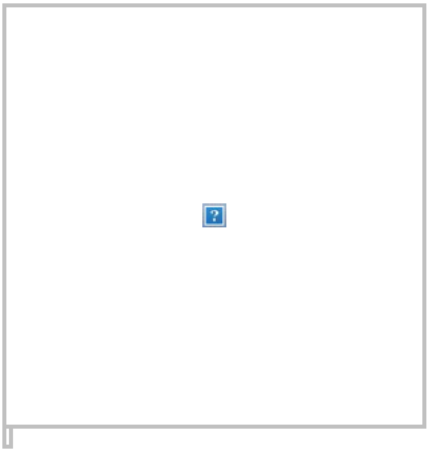
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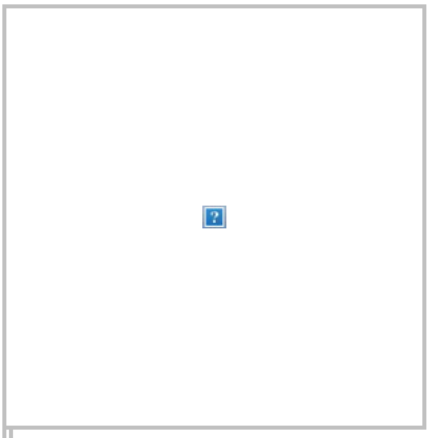


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The story of two gang detectives working what many considered, in its heyday, to be some of the meanest streets in the country



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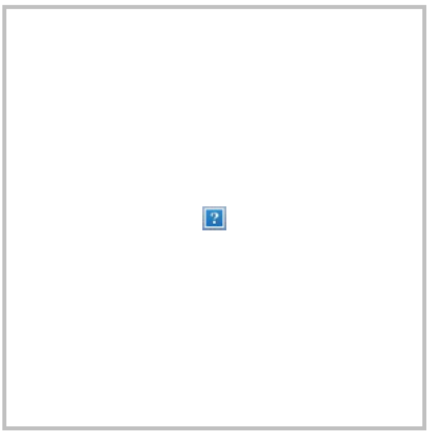
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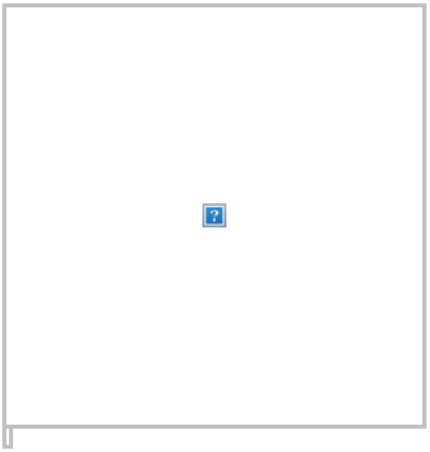
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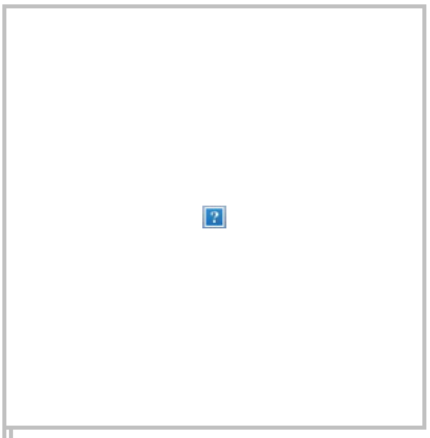


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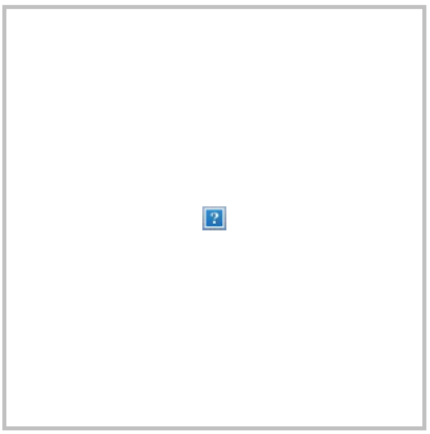
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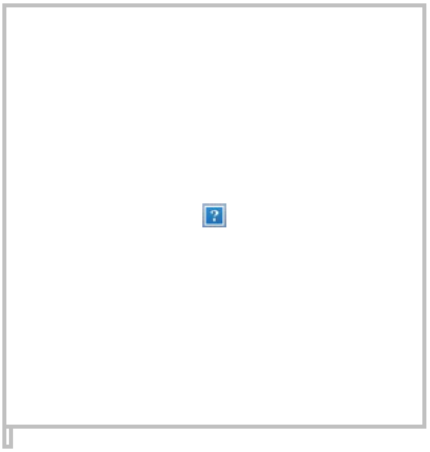
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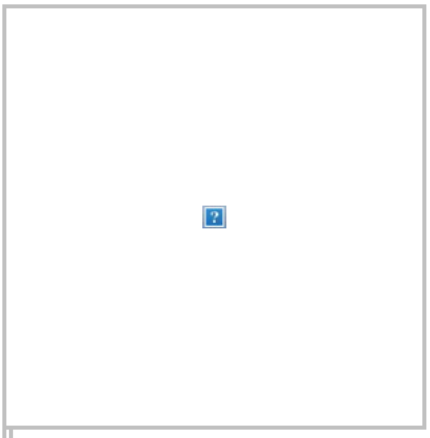


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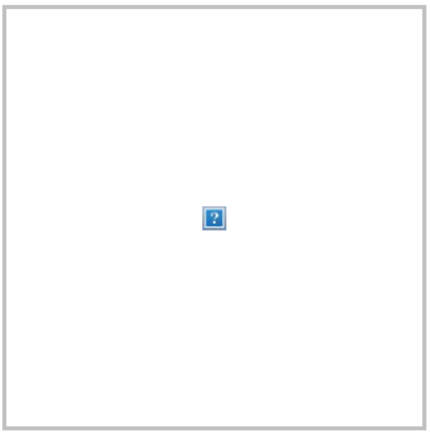
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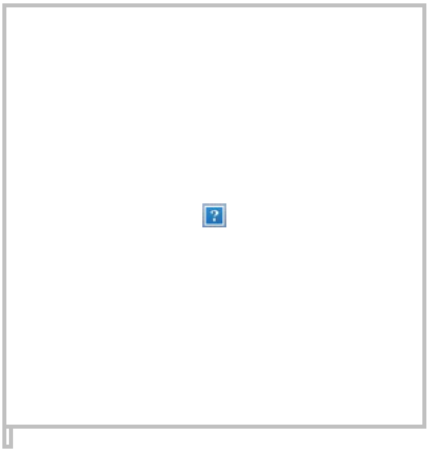
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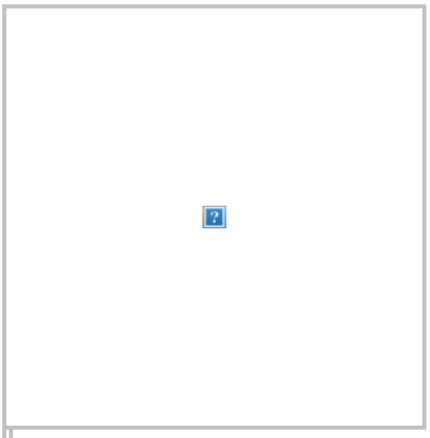


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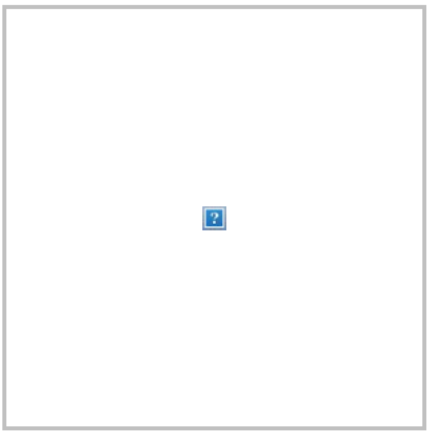
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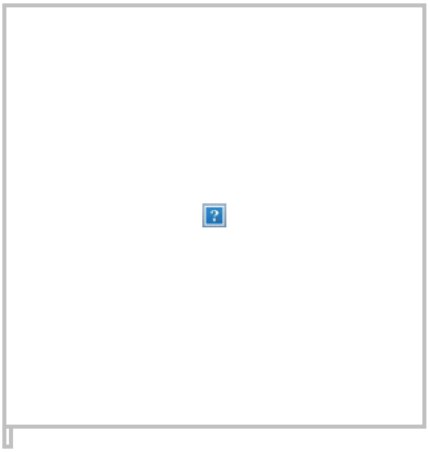
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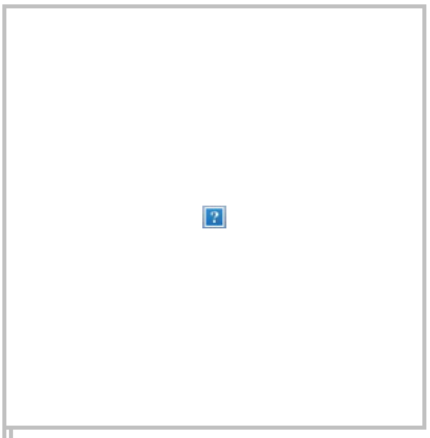


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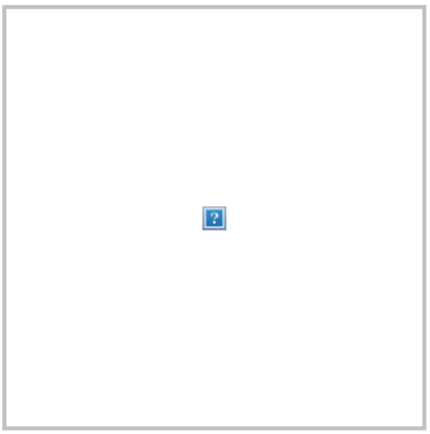
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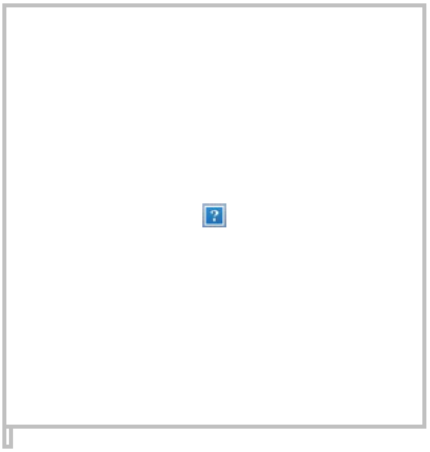
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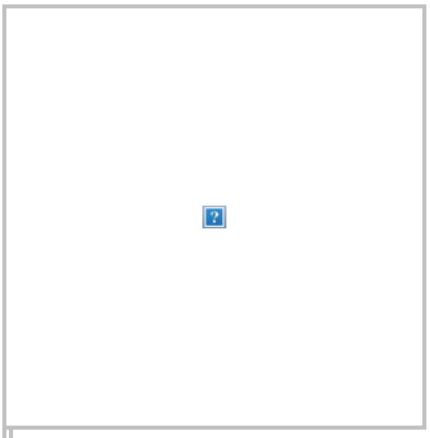


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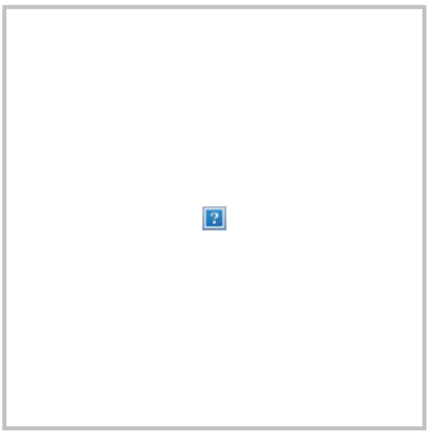
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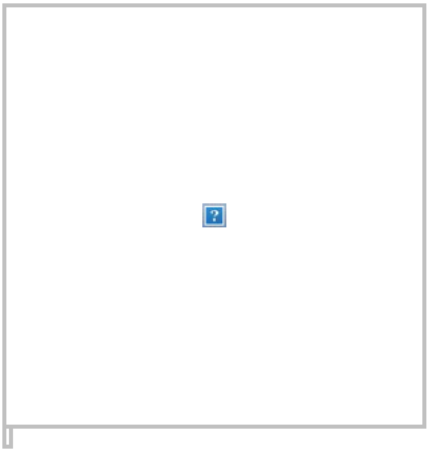
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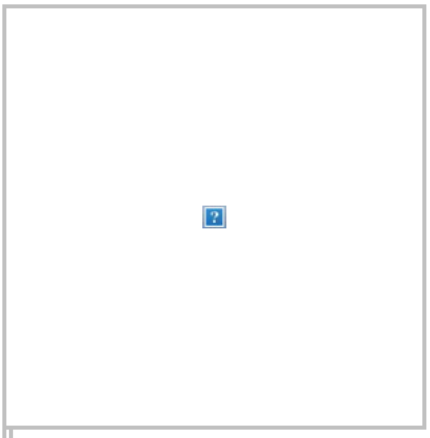


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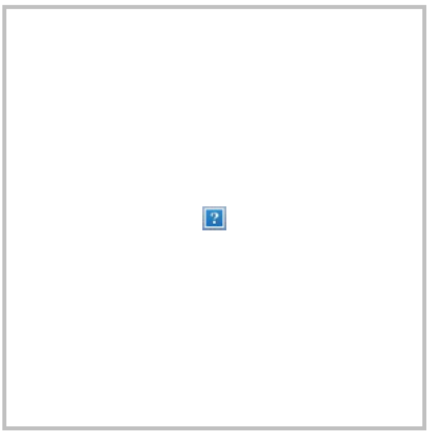
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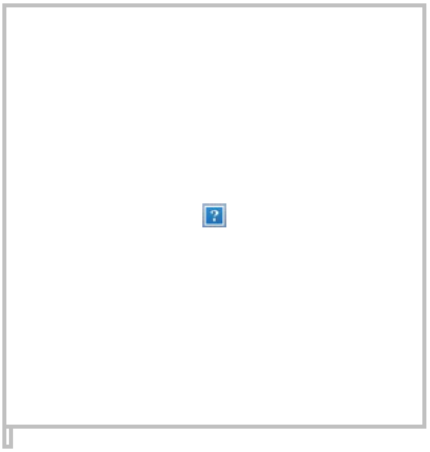
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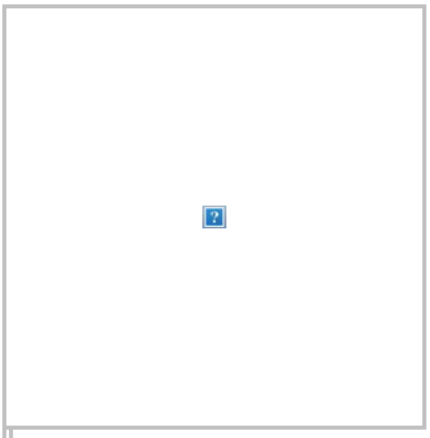


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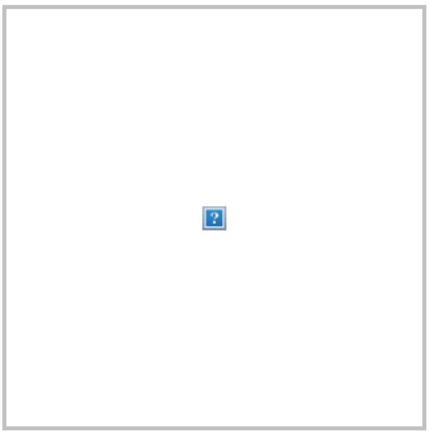
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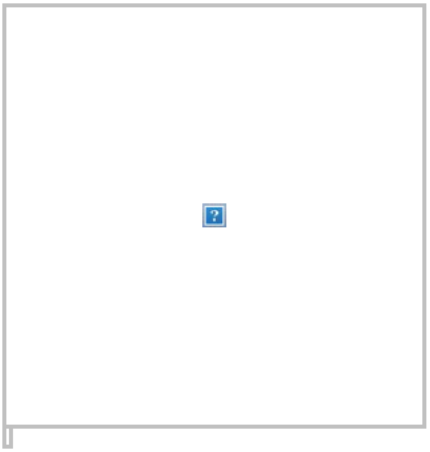
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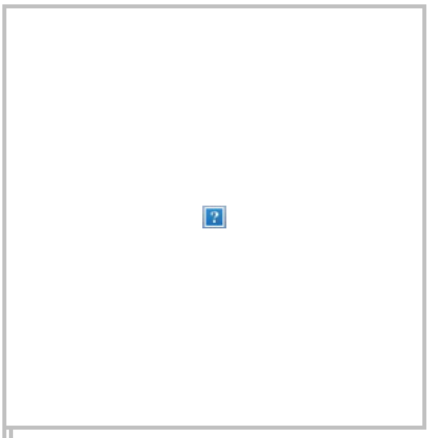


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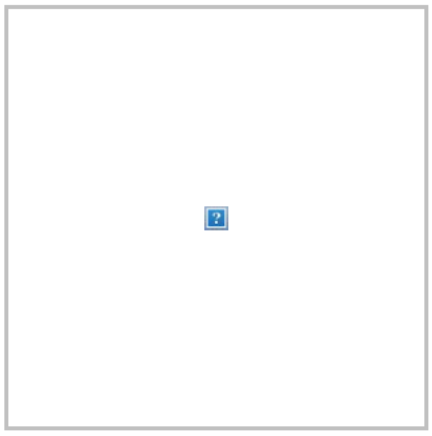
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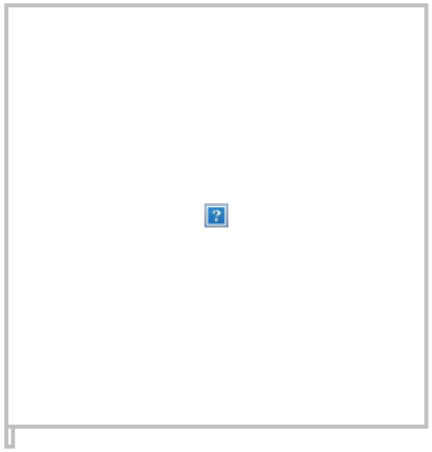
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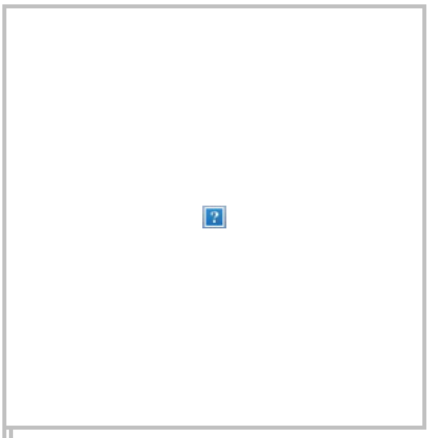


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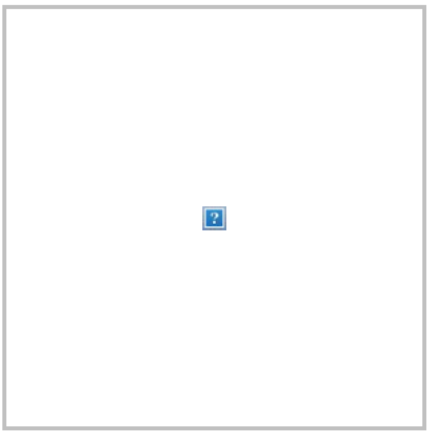
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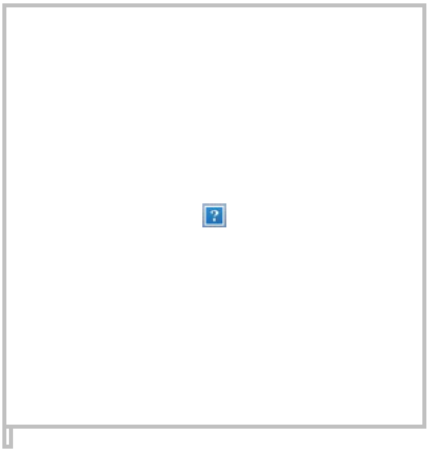
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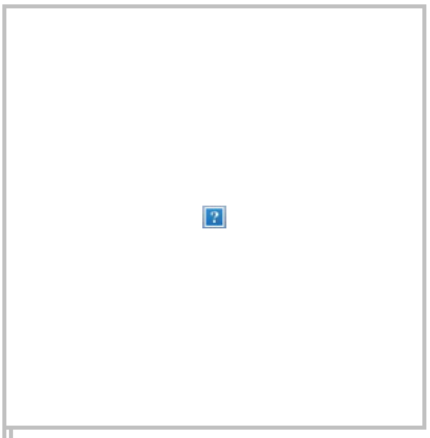


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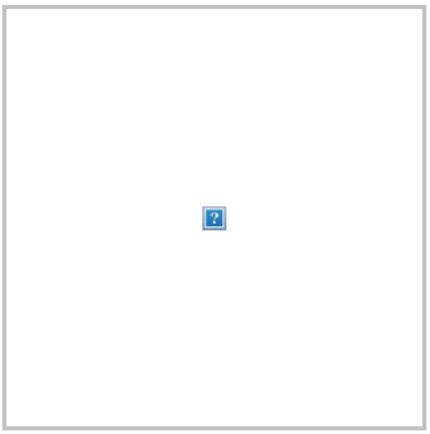
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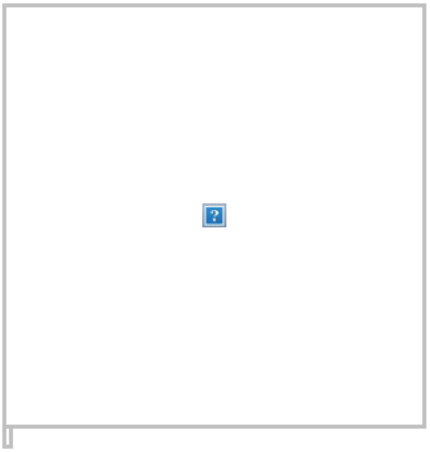
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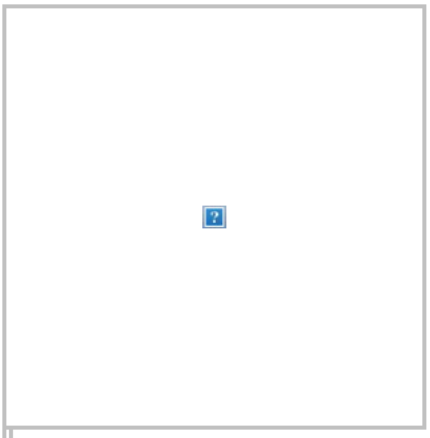


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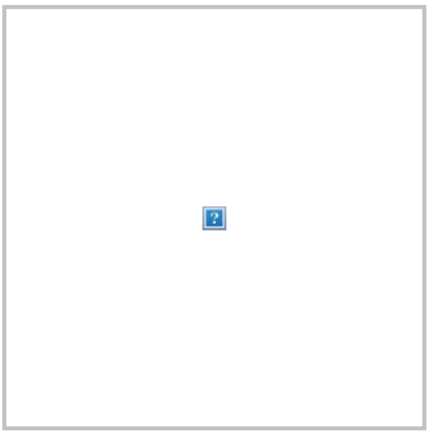
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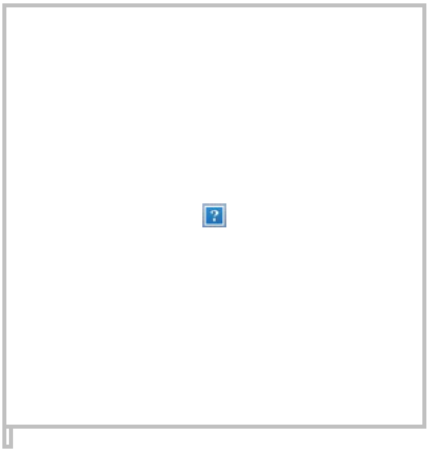
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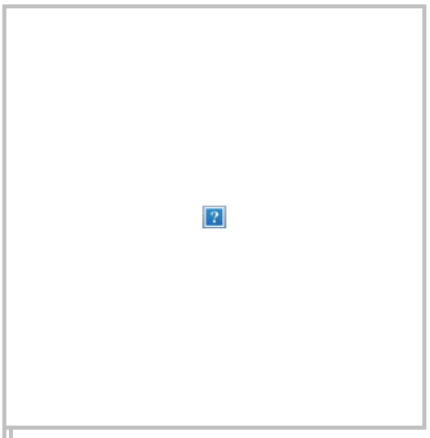


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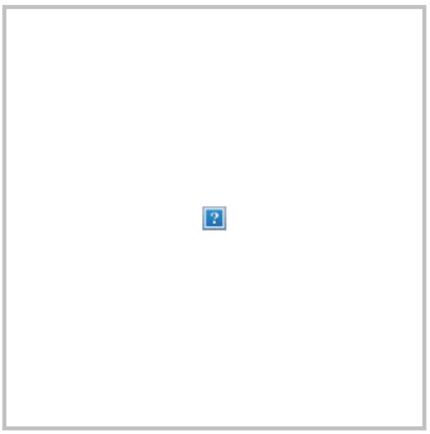
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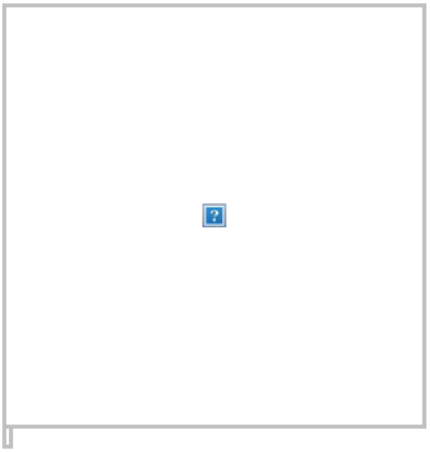
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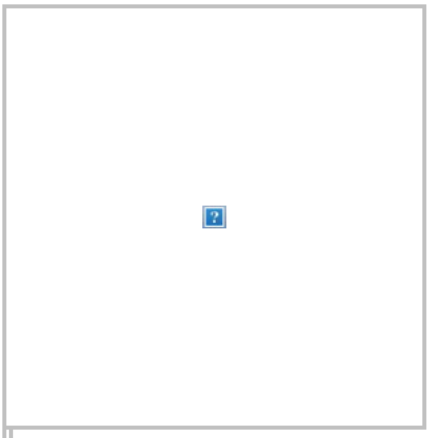


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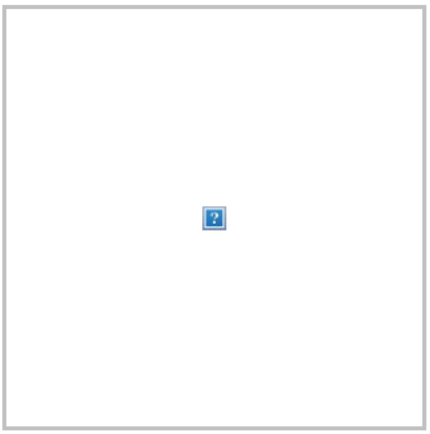
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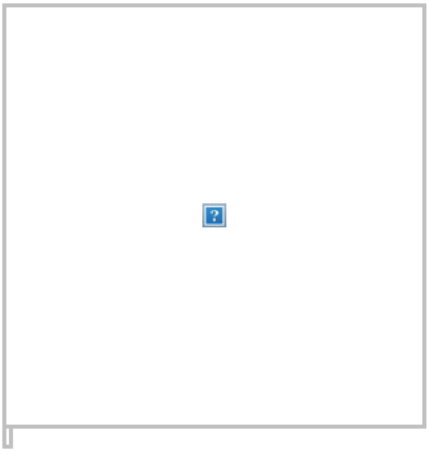
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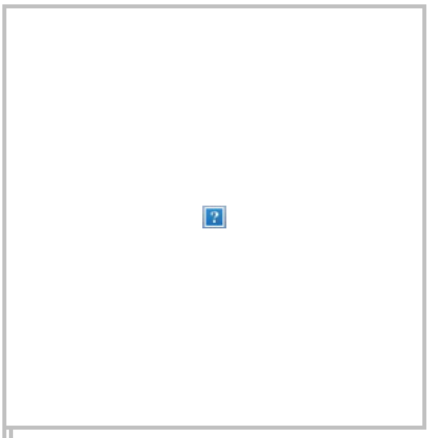


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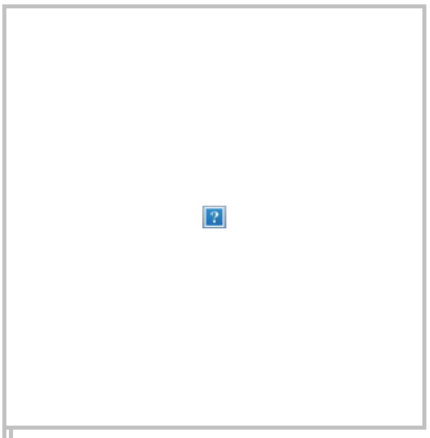
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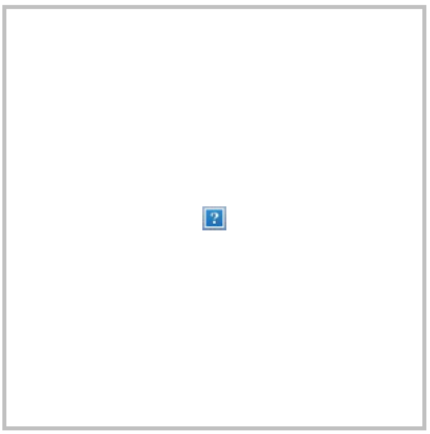
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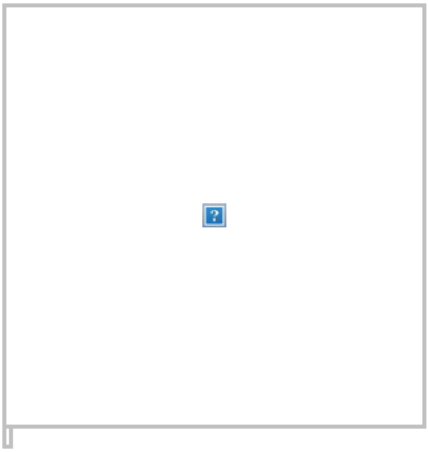
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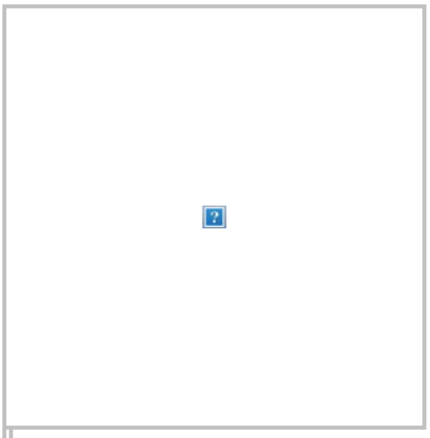


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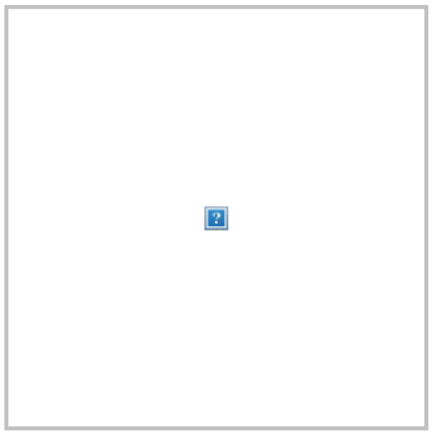
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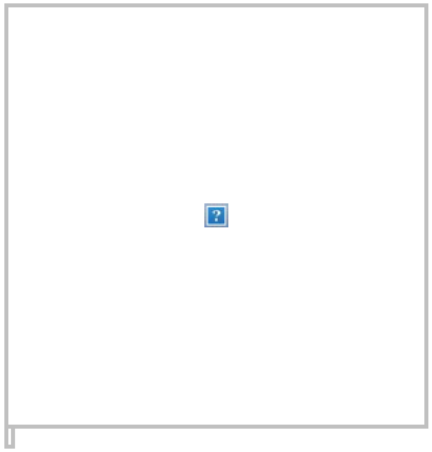
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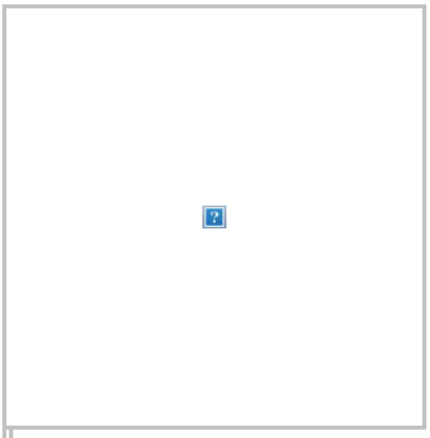


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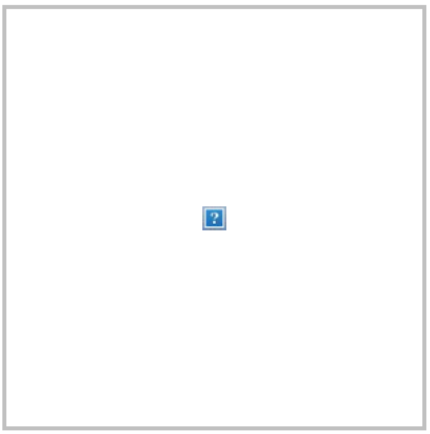
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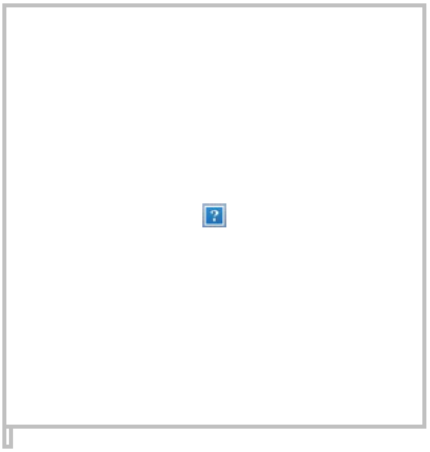
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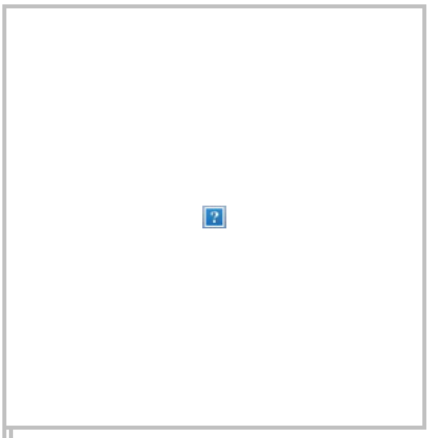


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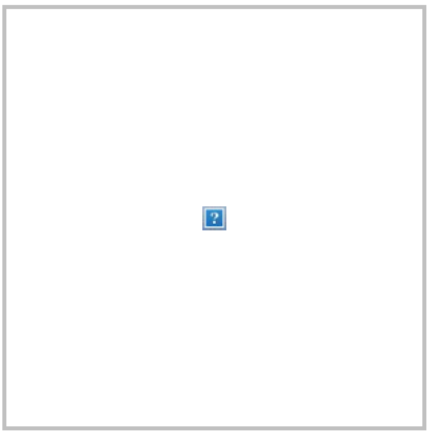
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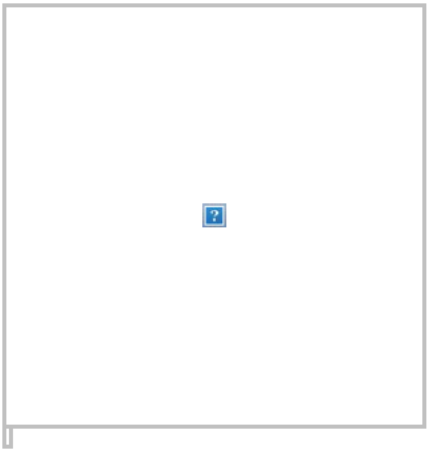
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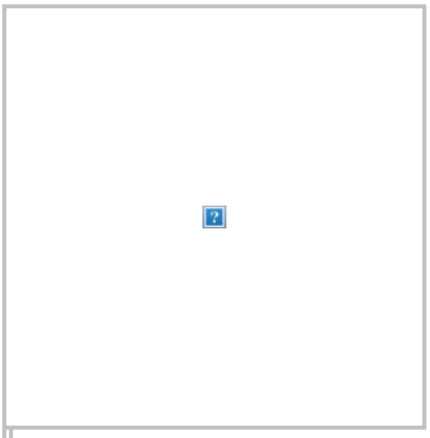


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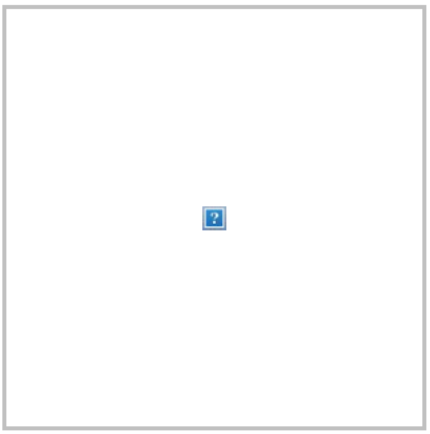
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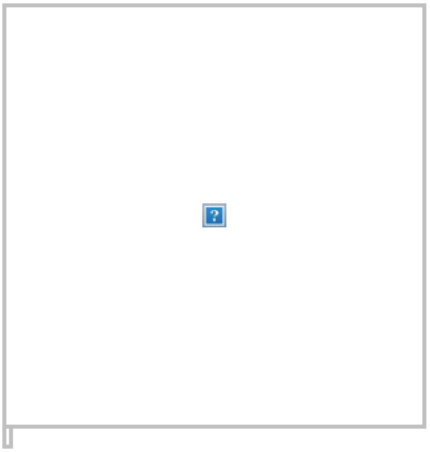
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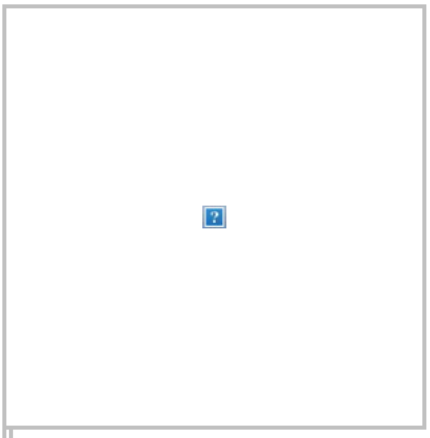


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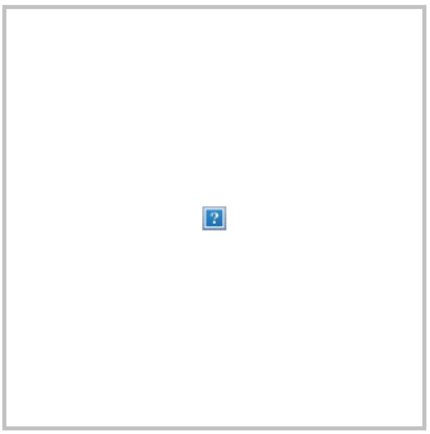
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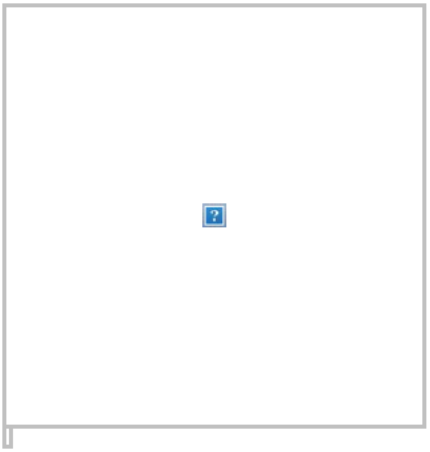
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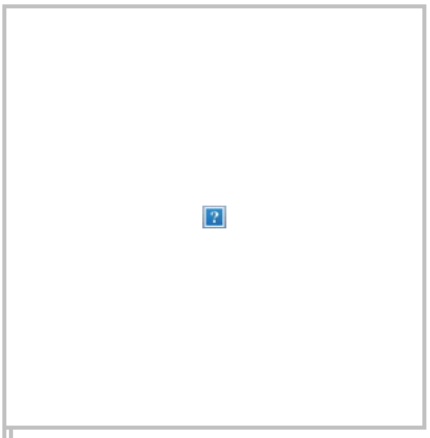


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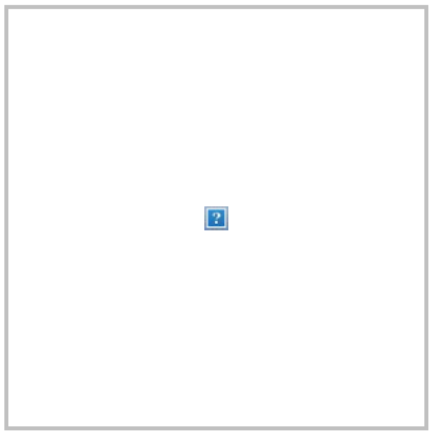
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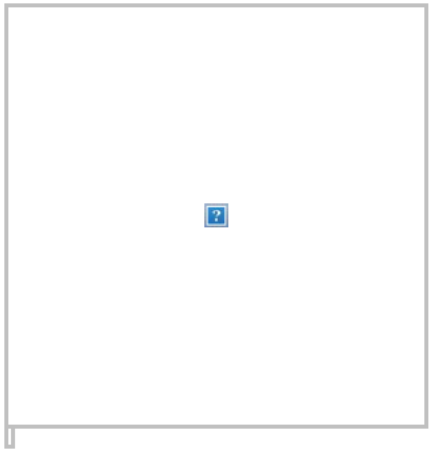
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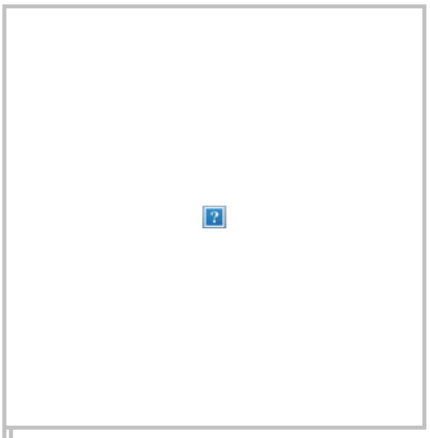


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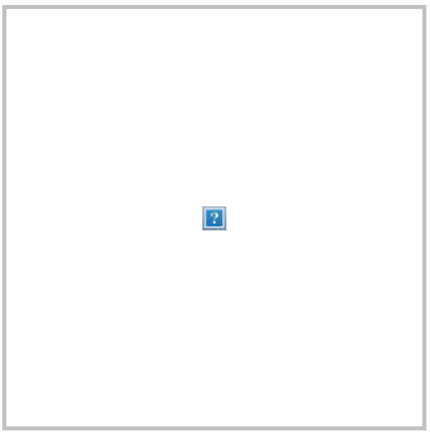
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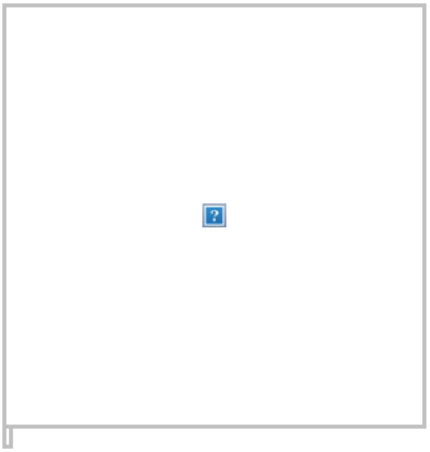
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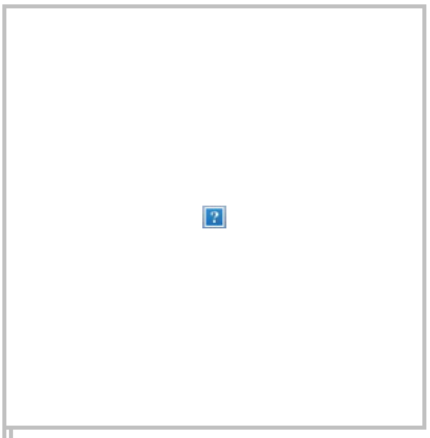


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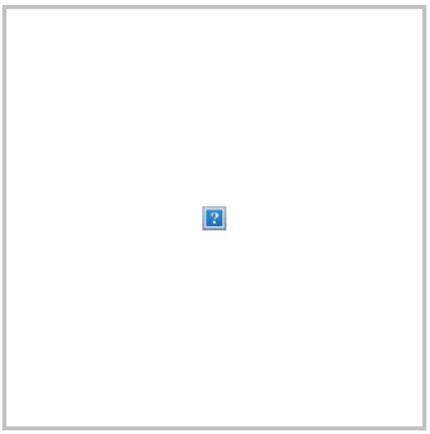
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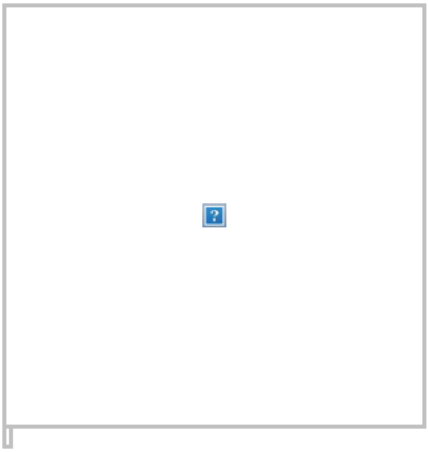
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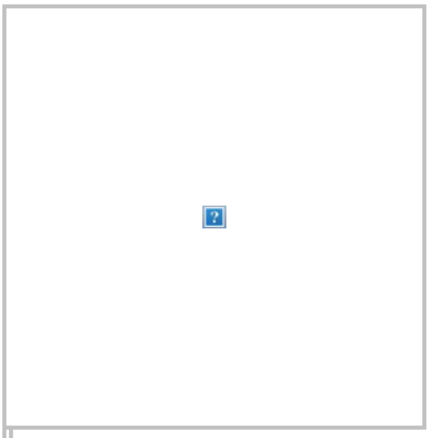


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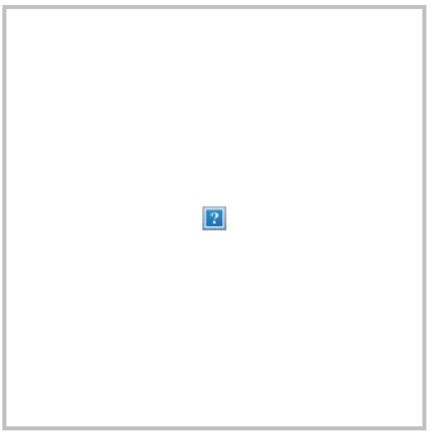
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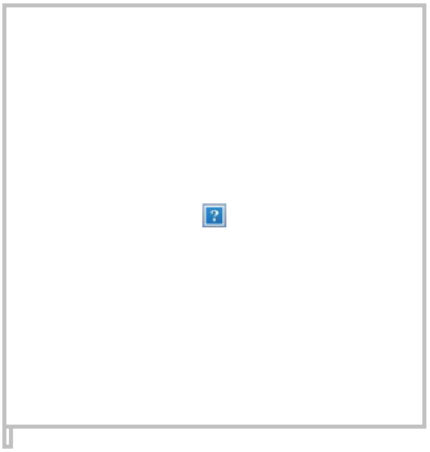
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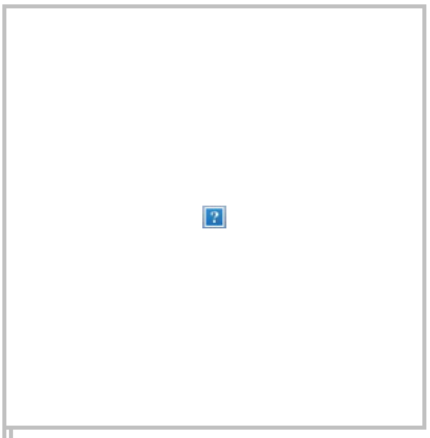


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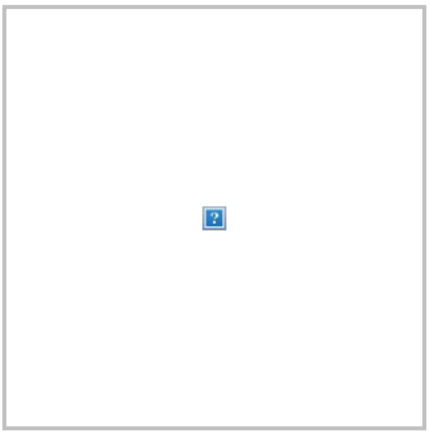
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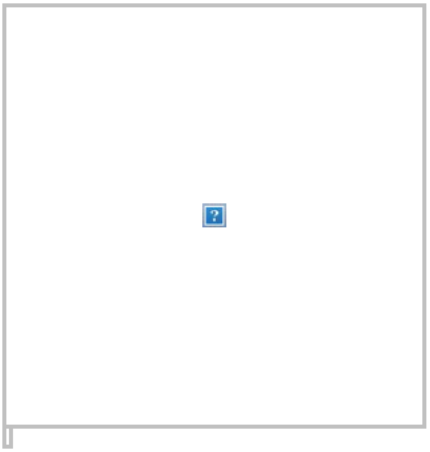
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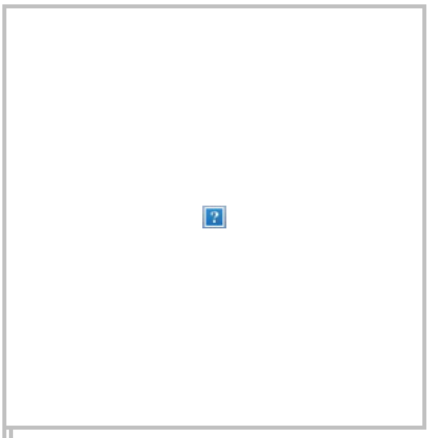


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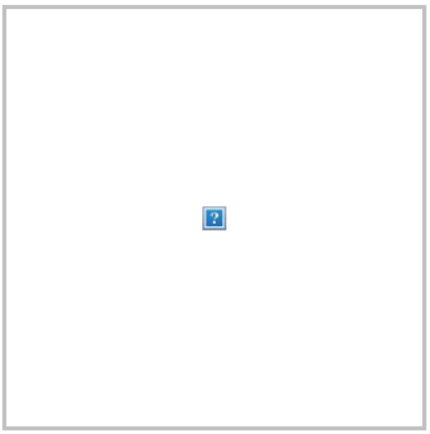
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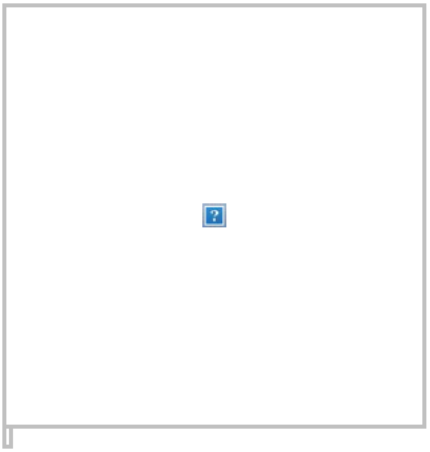
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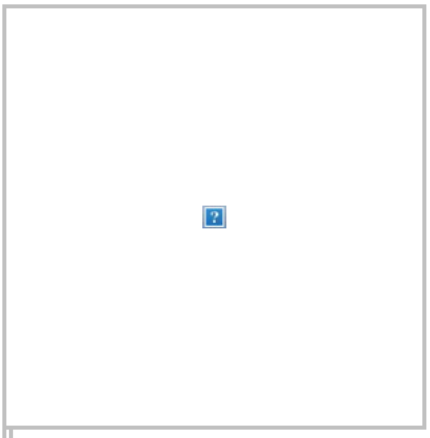


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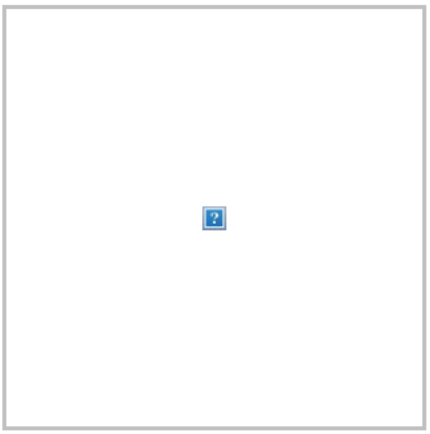
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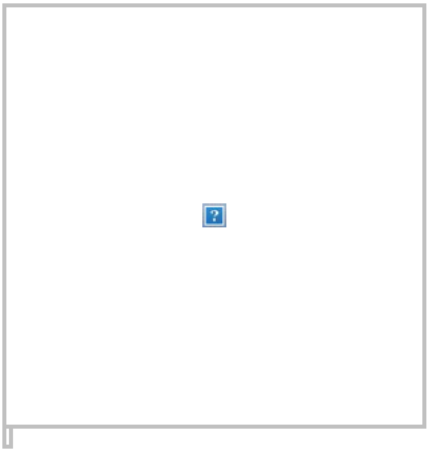
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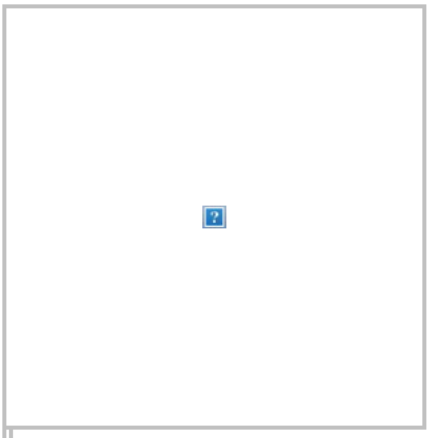


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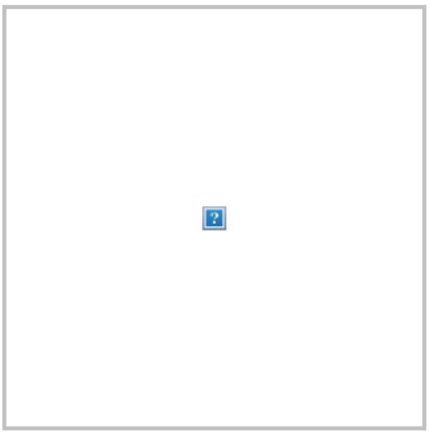
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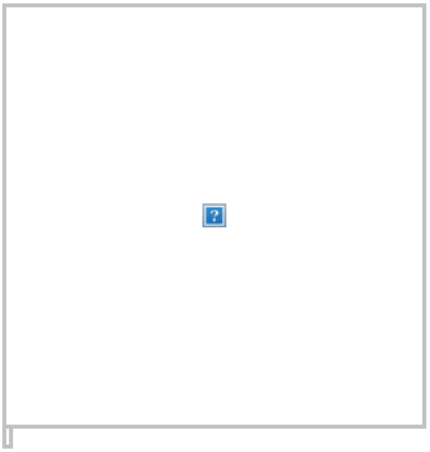
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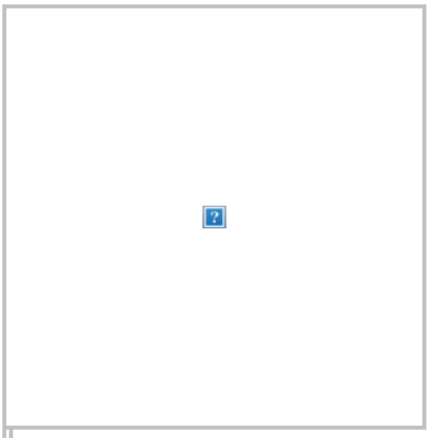


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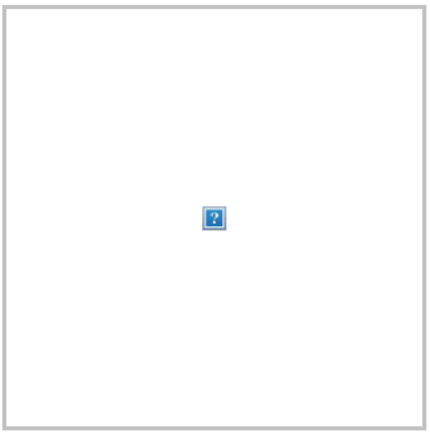
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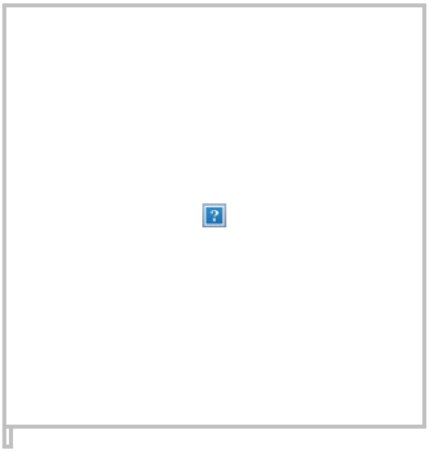
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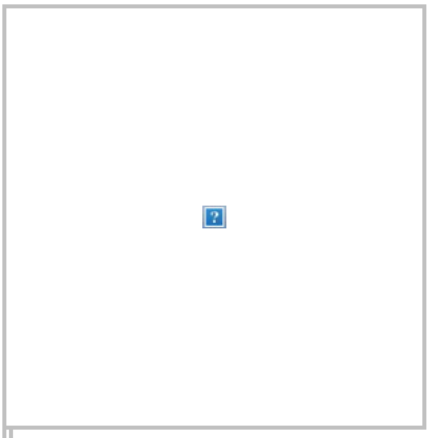


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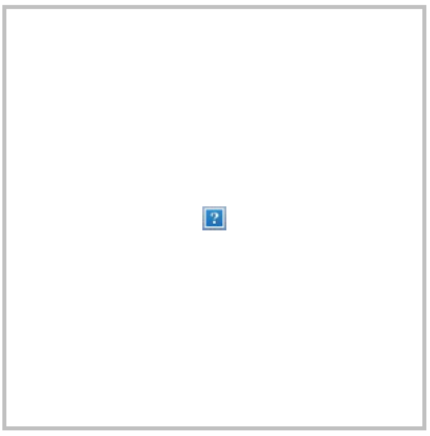
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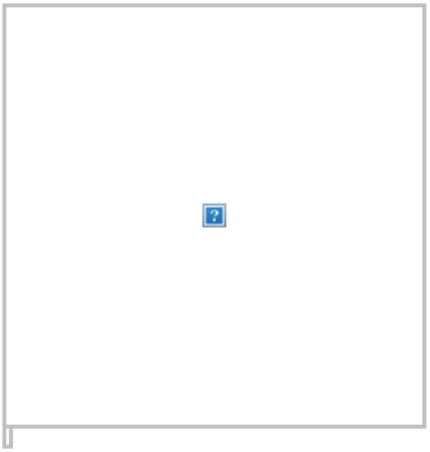
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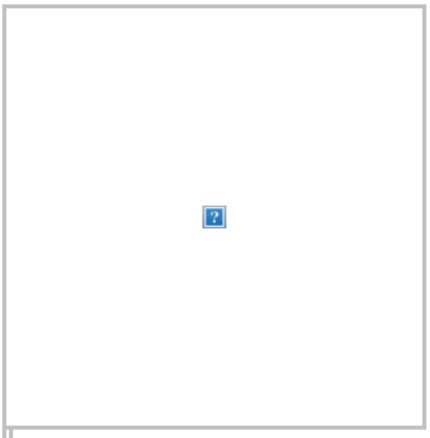


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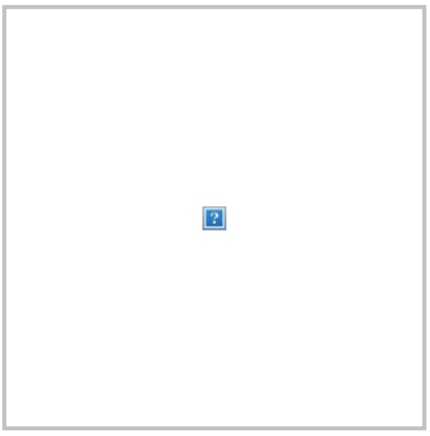
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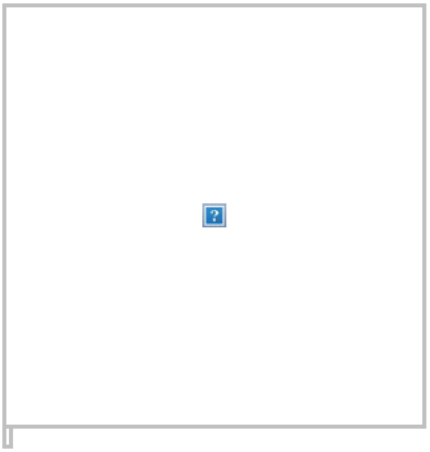
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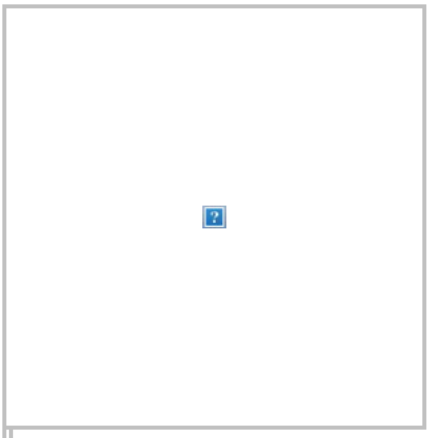


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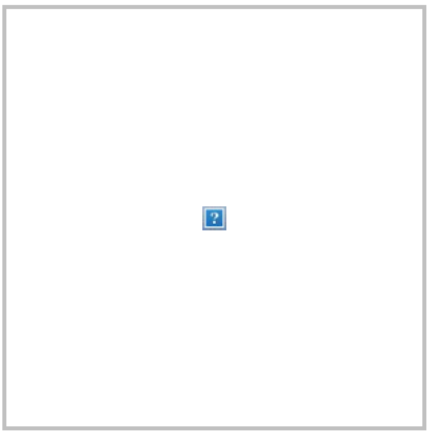
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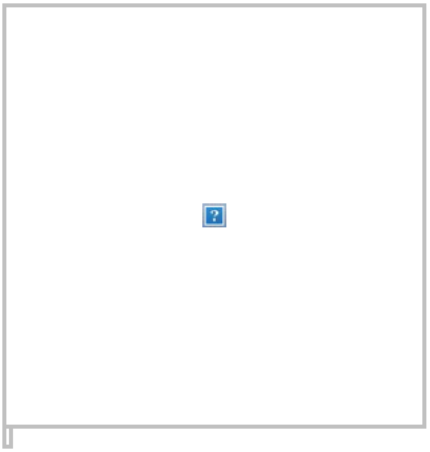
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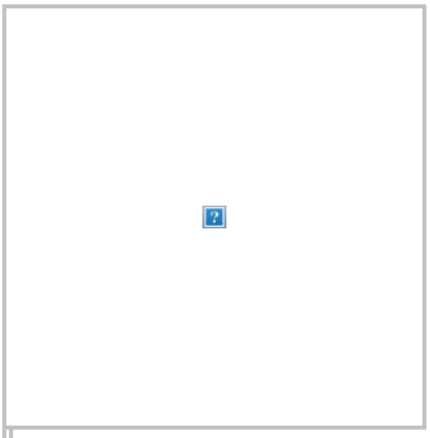


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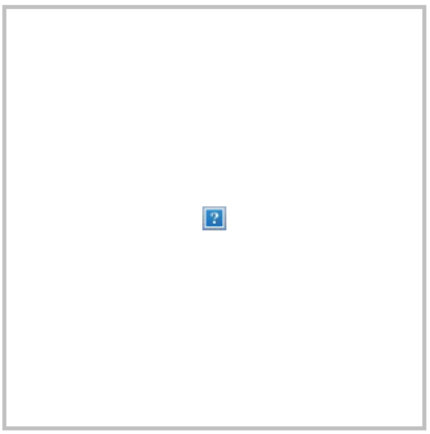
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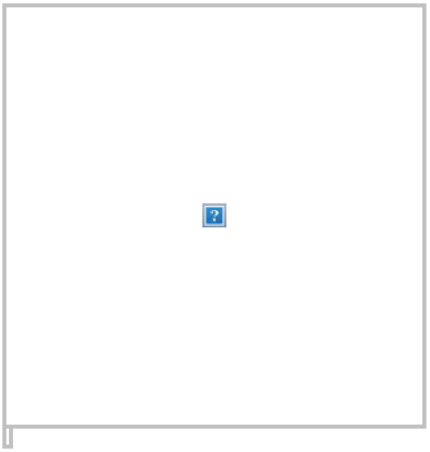
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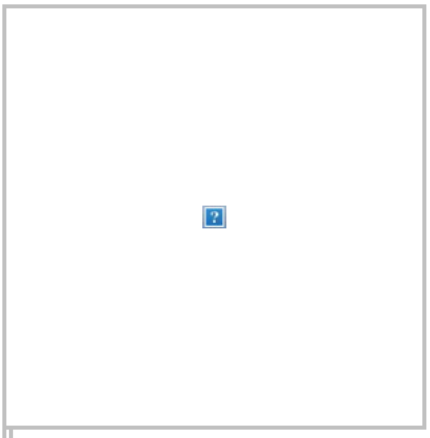


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Up to 30% off on search & rescue emergency response packs, kits, & bags!

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From: PoliceOne Roll Call
To: McCarthy, Steven (POL)
Subject: LEO killed during memorial ride training; PD pulls cops from fed task forces
Date: Monday, June 3, 2019 6:57:08 PM

June 3, 2019 | View as webpage

TOP STORIES

Deputy%20Frank%20Scofield.jpg

Fla. LEO struck, killed by van while training for memorial bike ride

The LEO was training for a memorial ride to honor 9/11 victims when a van blew past a stop sign and hit him

NYPD chief who died of 9/11-related cancer remembered at street renaming

Video: Ariz. LEO gets emotional, surprise sign-off on last day of service

Video: Ga. officer helps fix teen's tie for graduation

Ohio police release video of arrest of armed man after bystander video circulates

Atlanta PD pulls all officers from federal task forces

Enforce Speed Safely with ELSAG SpeedEnforcer™ ALPR Solution

ELSAG SpeedEnforcer™ ALPR cameras calculate driver speed in high-risk work and school zones. For speeding vehicles,

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real-time alarms with plate numbers broadcast to officers outside the zone for safe interdiction.

Get details

armor.

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FEATURED CONTENT

stop-4-1.jpg

LEO Near Miss: Nearly hit by car while assisting deputy

By National Police Foundation

Regardless of the situation, you must resist being so focused on providing assistance that you put yourself in danger

churchfalls.jpg

Program takes multi-faceted approach to active shooter training

By The Office of Justice Programs' National Institute of Justice (NIJ)

The First 12 Minutes, developed by the City of Falls Church, Va., provides training to administrators, teachers and school staff

4 Ways to Get Ready for a Laser Scanner Grant

Prepare data and build partnerships now to ease the application process when grants are announced.

Learn more

OTHER HIGHLIGHTS

rankandfile.jpg

Here's what keeps rank and file officers up at night

By James Dudley

Do law enforcement leaders really understand what their line officers deal with on a daily basis?

socialmedia-3.jpg

Roundtable: How to match your agency's social media strategy with community needs

By P1 Staff

Social media is a powerful tool for law enforcement agencies, but engaging on such a public platform without a clear strategy can set an agency up for failure

SPONSORED CONTENT

How to identify risks before they become lawsuits

Arx Alert uses artificial intelligence to assess risk, track remediation and avoid escalation of behaviors that can put agencies at risk.

FEATURED DEAL

HMount-130.jpg

H-Mount Tactical Helmet Mounting System

The H-Mount fits most types of helmets – no drilling required.

FEATURED JOB

DC-Police.jpg

Multiple Entry Level and Experienced Police Officer Positions

Washington, DC $58,163 annual

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To: dps.vic@list.vermont.gov
Subject: LPR Request Form
Date: Wednesday, June 12, 2019 1:32:46 PM
Attachments: image001.png
VT ALPR - Request Form 2019.pdf

Good Afternoon,

Attached is the LPR request form corresponding to HSIN Exchange Request #207528.

Respectfully,

Shannan

Shannan F. Barton
Intelligence Analyst
Commonwealth Fusion Center
470 Worcester Road
Framingham, MA 01702
508-820-2233
shannan.barton@state.ma.us

From: Barton, Shannan (POL)
To: dps.vic@list.vermont.gov
Subject: LPR Request Form
Date: Wednesday, June 12, 2019 1:33:00 PM
Attachments: image001.png
VT ALPR - Request Form 2019.pdf

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Respectfully,

Shannan

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Intelligence Analyst
Commonwealth Fusion Center
470 Worcester Road
Framingham, MA 01702
508-820-2233
shannan.barton@state.ma.us

From: Brooks, Brian (POL)
To: dps.vic@vermont.gov
Subject: LPR request
Date: Thursday, December 19, 2019 1:12:00 PM
Attachments: VT ALPR - Request Form 2019.pdf

Please see attached LPR request

Lieutenant Brian Brooks
CommonWealth Fusion Center - Watch Center
Massachusetts State Police
470 Worcester Road
Framingham, MA 01702
508-820-2233

From: Egnitz, Brian (POL)
To: Thibault, Amy (POL)
Cc: Quinn, Dermot (POL)
Subject: LPR Upgrade project
Date: Wednesday, April 24, 2019 7:06:00 PM
Attachments: LPR_FFY2019 State Share Application.docx

Please see attached draft for your review.

Brian Egnitz
Commonwealth Fusion Center
Massachusetts State Police
Phone: 978-451-3710 (Maynard) 508-988-7302 (GHQ)
Email: Brian.Egnitz@massmail.state.ma.us
Monday - Friday, 8 to 4

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Date: Monday, December 2, 2019 7:20:07 PM
Attachments: CFC WFG.pdf

Respectfully,
Justin

Justin Salvatore
Intelligence Analyst II
Massachusetts State Police | Commonwealth Fusion Center
470 Worcester Road, Framingham, MA 01702
Phone: (508) 820-2233
justin.salvatore@pol.state.ma.us

Date: Tuesday, September 17, 2019 4:19:25 PM
Attachments: FINAL-Face Recognition Policy Development Template.pdf
LPR Policy Template FINAL 2-7-170.pdf

To: Thibault, Amy (POL)
Cc: Quinn, Dermot (POL); Range, Scott (POL); Gallant, Steven (POL)
Date: Thursday, February 14, 2019 6:06:22 PM
Attachments: Quote Tablets Hard Drives Ed Kelly.pdf
ACISS Cost Proposal - 2019 Enhancements.pdf
ACISS Cost Proposal - Booking Incident Offense.pdf
Mass State Police - Aeryon Skyranger quote.xlsx
Mass State Police - Gresco Aeroscope quote 2019.xlsx
Mass State Police - Gresco DJI drones quote 2019.xlsx
Proposal- Camera Equipment Pricing_Covert_Overt 021419.pdf
FAC64 Price Summary- MSP Everett LPR 021419.pdf

Overt and Covert Cameras	$196,750
Wind ALPR	$43,935
ACISS Enhancements Phase I	$49,730 (I should have the SHI quote tomorrow)
ACISS Enhancements Phase II	$29,230 (I should have the SHI quote tomorrow)
Drone Equipment Total	$75,649.45

Brian Egnitz
Commonwealth Fusion Center
Massachusetts State Police
Phone: 978-451-3710 (Maynard) 508-988-7302 (GHQ)
Email: Brian.Egnitz@massmail.state.ma.us
Monday - Friday, 8 to 4

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From: Quinn, Dermot (POL)
To: Warren, Rosemary (POL)
Date: Wednesday, February 6, 2019 1:33:51 PM
Attachments: image001.png
ALPRRose.docx

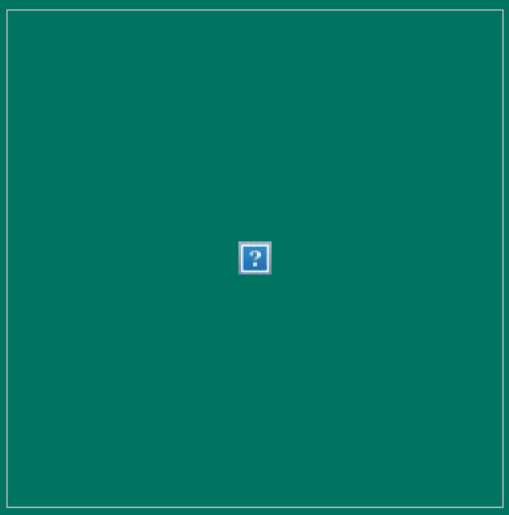
Lieutenant Colonel Dermot J. Quinn #1765
Division Commander
Division of Investigative Services
Massachusetts State Police

From: Sweeney, Elizabeth (CPI)
To: Egnitz, Brian (POL); Mawn, Jack (CPI)
Subject: McCarthy
Date: Wednesday, June 19, 2019 1:02:59 PM
Attachments: McCarthy Interloc opposition.docx
defendant interloc mccarthy.pdf
mccarthy opinion.pdf

I attached the defendant's initial petition, my opposition, and the judge's opinion. Keep in mind that with an interlocutory, so it's a thumbnail of the larger brief I will be writing. I have a contact that I am going to reach out to for the SCA/ECPA argument, she teaches SCA at the cybercrime conference, and might be helpful if she can call in. Thank you for the call- and I look forward to the meeting and assistance. I have lots of technical questions and want to make sure we are all presenting our best case. I'll reach out to Chris Kelly at the AG's office. Once I get the defendant's brief I will send it around.
Thank you,
Beth

From: P1 Leadership Product Alerts
To: McCarthy, Steven (POL)
Subject: Meet the ALPR camera that any agency can afford
Date: Thursday, March 28, 2019 9:08:03 AM

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What's the most effective way to close a case?

Record the license plate of each car that drives in your jurisdiction.

Temporary paper plate? No plate? No problem.

Find the vehicle type, color, and timestamp of every vehicle and capture the evidence you need to solve the case. And the best part?

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200 Green Street, 2nd Floor, San Francisco, CA 94111

To: Fitzpatrick, Frank
Subject: MSP LPR Policy
Date: Friday, May 17, 2019 1:12:07 PM
Attachments: image001.png
TRF-11 Automatic License Plate Recognition.pdf

Bill Pinkes
Accreditation Manager
Massachusetts State Police
470 Worcester Road
Framingham, MA 01702
508-808-3448



From: Pinkes, William (POL)
To: Fitzpatrick, Frank
Subject: MSP LPR Policy
Date: Friday, May 17, 2019 1:13:00 PM
Attachments: image001.png
TRF-11 Automatic License Plate Recognition.pdf

Good afternoon,

Attached is a copy of the MSP ALPR Policy. Hope this assists you with the RFI you posted on the MPAC site. Should you have any questions related to same feel free to contact me at your convenience.

Bill P.

Bill Pinkes
Accreditation Manager
Massachusetts State Police
470 Worcester Road
Framingham, MA 01702
508-808-3448

From: Dowd, Timothy (POL)
To: POL-DL-CARS
Subject: MSP Special Order 19-SO-12 -IMPORTANT
Date: Thursday, October 31, 2019 9:27:57 AM
Attachments: 19-SO-12 Distribution of General Order.pdf
TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf
Individual Signature Receipt 19-SO-12.pdf

All:

Attached please find Sign off sheets for CARS in order to comply with Special Order 19-SO-12. Please review the attached policies, sign the attached sign off sheets and **email to your Team Leader**. Once the Team Leader has all Sign off Sheets for his team. Please complete this as soon as possible. **These are due tomorrow**. I take full responsibility for not getting them out sooner, but appreciate your cooperation in getting them signed and returned to your team leader as soon as possible.

Thanks,
Tim

Timothy E. Dowd #2514
Lieutenant | Massachusetts State Police
Section Commander
Collision Analysis & Reconstruction Section
136 Washington Street
Foxboro, Massachusetts 02056
p. 508-698-0485 | f. 508-543-1360

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From: Demos, George (POL)
To: Pinkes, William (POL)
Cc: O"Hara, Kevin (POL)
Subject: My drafts for TRF-10 and TRF-11
Date: Thursday, December 19, 2019 12:54:53 PM
Attachments: TRF-10 Vehicle Inventory Dec 2019 DRAFT.doc
TRF-11 Automatic License Plate Recognition Dec 2019 DRAFT.doc

---

Sirs:

Attached are my initial drafts for TRF 10 and 11. TRF 11 needed nothing in terms of accreditation that I could find but was written very poorly. The suggested revision are extensive but none related to Accreditation FYI.

George

Lieutenant George S. Demos, #2731
CHQ Troop Duty Officer
612 Main St.
Holden, MA. 01520
Office: 508-829-8326

From: Motorola Solutions
To: McCarthy, Steven (POL)
Subject: Need Help with that Grant Application?
Date: Wednesday, August 14, 2019 11:00:30 AM

Free grant assistance programs
View Online

GET FREE GRANT ASSISTANCE FROM GRANT EXPERTS

GET STARTED TODAY

banner

The Bureau of Justice Assistance recently released its 2019 Byrne JAG solicitation. These funds can be used to invest in technologies that promote officer and community safety including mission-critical communications equipment, digital evidence solutions, public safety software, video security and analytics solutions, ALPR, and more. Download the free grant guide to learn more and make sure to apply by **August 23.**

We know that grant applications can be challenging to navigate and for agencies nationwide, resources are limited. To help, Motorola Solutions has partnered with the grant experts at PoliceGrantsHelp to offer you a wide range of free grant assistance programs.

FREE GRANT ASSISTANCE PROGRAMS ARE AVAILABLE FOR:					
radios	bwc		cad	ng911	video
Radios	Body-Worn Cameras	Crime Analysis & Investigation Software	Computer Aided Dispatch (CAD)	NG9-1-1 Software	Video Security Solutions

The grant assistance program includes:

- Free customized grant research specific to department needs
- Grant alerts for upcoming grants
- Unlimited free grant consulting from senior grant consultants
- Discounted grant writing services

There's no reason not to take advantage. Whether you're just starting your project, need to add the final touches to an application or are just looking to receive grant alerts, grant consultants are available to help. Get started and equip your agency with the technology that will keep your officers and community safer.

GET STARTED TODAY

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From: New from IACP Net
To: Tapis, Stephen C (POL)
Subject: Newly Added Information on IACP Net
Date: Thursday, July 25, 2019 6:11:34 AM

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7.25.2019

A **Weekly Spotlight** of Select Documents **Recently Added to IACP Net**
Sign In Now to View All These Documents

- **National Best Practices for Implementing and Sustaining a Cold Case Investigation Unit** Get It Now
  In 2015, NIJ assembled a group of subject matter experts from the cold case investigation community to review the state of cold case investigations and cold case units in the United States. As a result, the Cold Case Investigation Working Group and NIJ collaborated to create this guide in an effort to assist law enforcement agencies in creating a mechanism for addressing the cold cases in their jurisdictions.
  Document 651225

More Newly Added Documents

- **New One-to-One Youth Mentoring Program Strengthens Community Relations** ***(Document 651215)***
- **How Advanced Analytics Can Improve the Effectiveness and Efficiency of Police Services** ***(Document 651210)***
- **Season 1 Episode 7: Micro Community Policing Plans** ***(Document 651206)***
- **Development and Validation of a Resilience Training Model at the Academy** ***(Document 651205)***
- **The Crisis of Cold Cases** ***(Document 651199)***

- **Emergency Notification Procedure Codes** Get It Now
  This policy is from the University of California San Francisco Police Department. The UCSF Police Department provides emergency medical assistance to distressed visitors, outpatients, students and employees. In addition, the Police Department responds to calls for services on incidences involving child abduction, infant abduction, fire alarms and person down reports.
  Document 651220

More Newly Added Policies

- **Alternate Light Source** ***(Document 651216)***
- **Automated License Plate Reader (ALPR) Systems** ***(Document 651187)***
- **Bias-Based Profiling Prohibited** ***(Document 651207)***
- **Michigan Safe Delivery of Newborns** ***(Document 651195)***
- **Body-Worn Camera ("BWC") Inadvertent Misuse and Non-Use** ***(Document 651194)***

- **Radio holder/ holsters/ carry case** Respond Now
  My department recently switched to the Motorola APX 6000 with microphones. Does anyone have recommendations for leather basketweave and/ or nylon holder/ holsters/ carry case?

  Thank you,

  [Editor's note: Please click the link above to view the referenced document. You may also view it in the Main e-Library using the Boolean search and entering 651217 as the document number. Our thanks to Lieutenant Simpson for sending it in.]

More Newly Added Quests

- **Retention of Internal Affairs Records**
- **Criminal Investigations**

- **Grant - Jail Administration Training** Get It Now
  Jail Administration for New Sheriffs

More Newly Added Funding Opportunities

- **Grant - Money Laundering Investigation**

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From: New from IACP Net
To: Pinkes, William (POL)
Subject: Newly Added Information on IACP Net
Date: Thursday, July 25, 2019 6:03:47 AM

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From: New from IACP Net
To: England, Kara (POL)
Subject: Newly Added Information on IACP Net
Date: Thursday, July 25, 2019 6:12:03 AM

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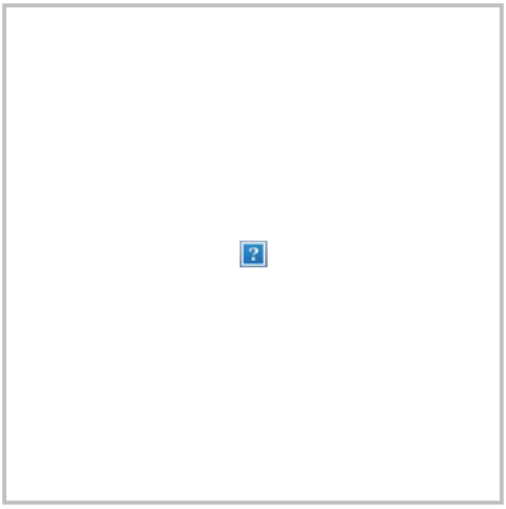
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From: PoliceOne Roll Call
To: McCarthy, Steven (POL)
Subject: NY cop shot by naked suspect; Sheriff suspended after Parkland removed
Date: Thursday, October 24, 2019 3:52:21 PM

October 24, 2019 | View as webpage

TOP STORIES



NYPD officer fired in Eric Garner's death sues to get job back

Daniel Pantaleo's lawsuit says his termination was 'arbitrary'

Calif. police stand by cop after video released in 2017 OIS of murder suspect

NY cop shot confronting naked armed suspect

Fla. Senate votes to remove sheriff suspended after Parkland shooting

New Google Maps feature enables drivers to share police locations

Chicago police superintendent will skip President Trump's speech to chiefs

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How to Turn Your Camera System Into an ALPR



Expand the range of real-time data available by Integrating an automatic license plate reader into your in-vehicle camera system.

Find out how

FEATURED CONTENT



12 benefits of becoming a field training officer

By Lt. Dan Marcou

An FTO's skills sharpen and grow stronger while teaching other LEOs



Countering the critics: Responses to common arguments about police use of deadly force

By Mike Ranalli

The correct response to public outcry following a use of force incident is to conduct a thorough investigation, not rush to change laws or policies

OTHER HIGHLIGHTS



6 'invisible' signs that a subject is resisting a police officer

By Chief Joel F. Shults, Ed.D.

Every aspect of the scene and the arrestee must be explained for the benefit of supervisors, prosecutors and juries



Clothing giveaways of a concealed weapon

By Calibre Press

Reading subtle cues that indicate concealed carry, you may be able to anticipate you're dealing with an armed subject and gain a preventive edge of timing and positioning



SPONSORED CONTENT

Reduce crime and connect communities with data analytics (eBook)

Download this free guide to learn how agencies are using data analytics and gaining insight to inform their own crime analysis and strategic decisions.

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Digital evidence management.
Investigation research.
Advanced Analytics.

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From:	Fenton, Eileen (DOT)
To:	Fitzgerald, Thomas (POL); Lyons, Michael M. (DOT); Morawiak, Peter (POL); Mcanally, Brian (POL); Foti, Joseph C. (DOT)
Subject:	OD Permitting Regulations
Date:	Wednesday, March 13, 2019 2:17:43 PM
Attachments:	Final Redlined Regs for OD Load Permitting January 25 26579.doc Scanned from a Xerox Multifunction Device.pdf

---

Hi All,
Attached please find a copy of the redlined changes to the I-90 and MHS regulations and a clean copy.
I am available to discuss.
Eileen

Eileen M. Fenton, Esq.
Managing Counsel
MassDOT / MBTA
Ten Park Plaza, Suite 3510
Boston, Massachusetts 02116
T: 857-368-8764
Eileen.Fenton@state.ma.us

From: Slater, Michael (POL)
To: Massa, Tania (POL)
Subject: Plate Reader Database manual
Date: Tuesday, November 5, 2019 8:15:54 AM
Attachments: BOSS_3.2x_User_Manual_final.pdf

Michael K. Slater
State Police Dispatcher III
Troop-H Communications
50 Massport Haul Road
South Boston, MA 02210
Tel: (617) 946-3079
Fax: (617) 946-0955

From: Slater, Michael (POL)
To: Bradley, Joseph (POL); Crocker, Zachary (POL)
Subject: Plate Reader User Manual
Date: Monday, November 4, 2019 2:55:16 PM
Attachments: BOSS_3.2x_User_Manual_final.pdf

Michael K. Slater
State Police Dispatcher III
Troop-H Communications
50 Massport Haul Road
South Boston, MA 02210
Tel: (617) 946-3079
Fax: (617) 946-0955

From: Slater, Michael (POL)
To: "Tobin Lisa M (lisa.tobin@pol.state.ma.us)"
Subject: Plater Reader Database manual
Date: Tuesday, November 5, 2019 1:40:00 PM
Attachments: BOSS_3.2x_User_Manual_final.pdf

Michael K. Slater
State Police Dispatcher III
Troop-H Communications
50 Massport Haul Road
South Boston, MA 02210
Tel: (617) 946-3079
Fax: (617) 946-0955

From: Thibault, Amy (POL)
To: Quinn, Dermot (POL)
Subject: please print
Date: Friday, April 26, 2019 3:44:00 PM
Attachments: LPR_FFY2019 State Share Application.docx

From: Griffin, Daniel (POL)
To: John Tedona
Subject: Power point
Date: Tuesday, February 12, 2019 1:16:24 PM
Attachments: Automated License Plate Reader SPEAR 2017-FINAL.ppt
image001.png

Hi John-
Attached is a 2017 power point I made for an in house presentation. Need to "train" Springfield Ma analysts. Please feel free to update/revise as needed.
Thanks
Dan

Lieutenant Daniel J. Griffin 1129
Massachusetts State Police
Traffic Programs Section
General Headquarters
480 Worcester Rd. **(please note new address)**
Framingham, Ma. 01702
508-988-7404
daniel.griffin@massmail.state.ma.us

From: Strategic Planning (POL)
To: POL-DL-All Users
Subject: Promulgation of 19-SO-12
Date: Tuesday, October 1, 2019 5:18:54 PM
Attachments: 19-SO-12 Distribution of General Order.pdf
TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

---

Please be advised that the following Special Order has been promulgated:

- **19-SO-12 Distribution of General Order**
  TRF-11 Automatic License Plate Recognition

Please also be advised that the official General Order listed in the above Special Order has been promulgated.

Strategic Planning Section
470 Worcester Road
Framingham, Massachusetts 01702

From: Strategic Planning (POL)
To: POL-DL-All Users
Subject: Promulgation of 19-SO-12
Date: Tuesday, October 1, 2019 5:20:45 PM
Attachments: 19-SO-12 Distribution of General Order.pdf
TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf

---

Please be advised that the following Special Order has been promulgated:

- **19-SO-12 Distribution of General Order**
  TRF-11 Automatic License Plate Recognition

Please also be advised that the official General Order listed in the above Special Order has been promulgated.

Strategic Planning Section
470 Worcester Road
Framingham, Massachusetts 01702

From: IACAList on behalf of John Sinclair via IACAList
To: Katherine Hill
Cc: iacalist@iaca.net
Subject: Re: [IACA] Best Product for GPS ALPR and Incident Investigations
Date: Friday, March 29, 2019 11:09:27 AM
Attachments: synclayer.png
SyncArena Capability.pdf

Good Morning,

Like others have suggested, ESRI ArcMap is the industry standard for visualizing data but as most have probably mentioned, it is very difficult to use and takes quite a bit of time to master. However, I think the analysis you are looking for requires a custom algorithm to match up incidents in proximity to the ankle monitor data. I don't believe there is an off the shelf product that can do exactly what you are asking.

We have a simple to use product that provides visualization of many different types of law enforcement datasets including ankle monitors and ALPR data. It does have the ability to match events in proximity to each other, but it is not exactly what you need in our production version. However, we do have the capability to match your events quickly using our unreleased version and I would be willing to run it to check for matching incidents free of charge to better understand your needs and how we make this capability easier to use as we incorporate it into our product.

In case you are interested and want more information on what we are working with, I attached a flyer to give you more insight into our product and here is a quick summary of some key differentiators of our software:

- Synchronizing multiple suspects and data:
  - Simultaneously visualize the behaviors of multiple suspects
  - Concurrently view multiple types of data for one or more suspects
  - Automatically time align imported files
  - Easily import custom geospatial data
- Live data feeds
  - Supports live data feeds like ping emails, vehicle GPS, mobile device apps, and drone locations
  - Automatically tracks and maps data
- Visual triangulation of Verizon data
  - Provides extremely accurate position estimates for Verizon ping and ALULTE data
- Report builder
  - Allows user to easily create reports of their findings and export them to PDF
- Integrate with other sources
  - Integrate county resources, google resources, or other sources for more contextual information

Also, we have a short 6 minute video demonstration of how SyncArena was used in solving a murder for a multi-jurisdictional case. The video is available on our website www.syncarena.com or you can just use the direct link below:

- https://player.vimeo.com/video/312873319
- Password: syncArenA

Thank you,

John Sinclair
Sync Layer, Inc.
5220 Brentwood Farm Drive
Fairfax, VA 22030
Mobile: [redacted]
john@synclayerinc.com



> On Mar 26, 2019, at 1:53 PM, Katherine Hill via IACAList <iacalist@listserve.com> wrote:
>
> We are searching for the best product to visualize GPS data against our Incidents. For instance, we have a serial offender who had an ankle monitor, we want to load the GPS data, and automate checking for incidents in the vicinity of his location. Is there a product easy enough for Investigators to use, maybe even something that incorporates ALPR data?
>
> Thanks!
> --
> **Katherine Hill 70917**
> Crime Analyst
> Crime Analysis Unit
>
> Chattanooga Police Department
> 3410 Amnicola Hwy
> Chattanooga, TN 37406
> [redacted]
> khill@chattanooga.gov
>
> *** You are subscribed to IACAList as john@synclayerinc.com. If you wish to unsubscribe, or modify your preferences please visit https://mailman.listserve.com/listmanager/listinfo/iacalist ***

From: kerra.huchowski@pol.state.ma.us
To: Frenzo, Mark (POL)
Subject: Re: A Publication of the LEIU Executive Board - The Source
Date: Thursday, October 31, 2019 2:15:44 PM

Anytime

Respectfully,

Kerra Huchowski
Intelligence Analyst

Commonwealth Fusion Center
124 Acton Street
Maynard MA 01451

Office - 978-451-3709
24/7 - 978-451-3700
Fax - 978-451-3707
Cell - [redacted]

Kerra.Huchowski@pol.state.ma.us

Sent from my iPhone

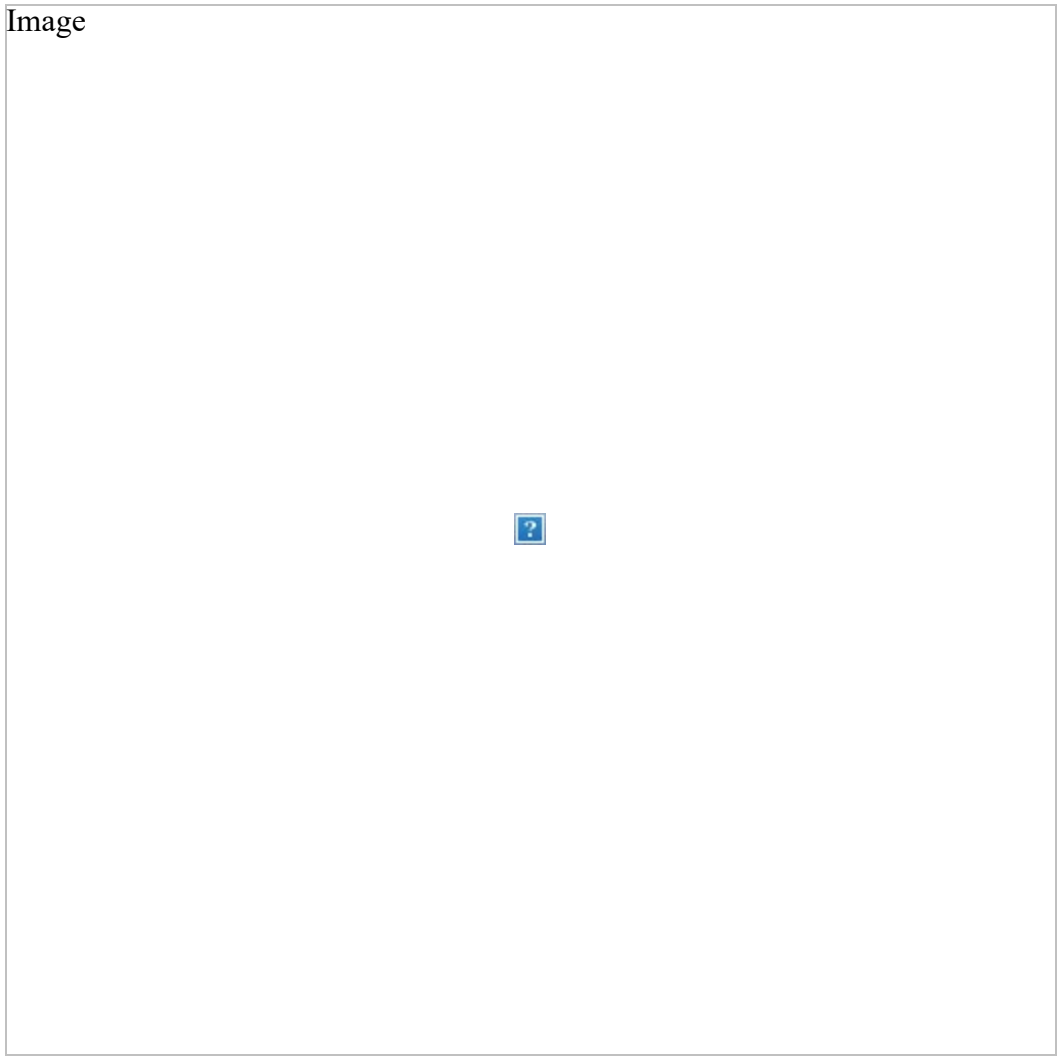
On Oct 31, 2019, at 2:15 PM, Frenzo, Mark (POL) <mark.frenzo@pol.state.ma.us> wrote:

> Thanks Kerra
>
> Sent from my iPhone
> Detective Lieutenant MR Frenzo #2177
> Unit Commander
> SSS / Organized Crime Unit
> Massachusetts State Police
>
> On Oct 31, 2019, at 7:44 AM, Huchowski, kerra (POL) <kerra.huchowski@pol.state.ma.us> wrote:
>
> > Good Morning,
> >
> > Listed below are various different articles about organized crime, including one about the Las Vegas Mafia. Other articles stem around OC in Asia, Canada and of course El Chapo and drugs. Happy reading and Happy Halloween!
> >
> > I will be in DC next week.

-Kerra

From: Association Of Law Enforcement Intelligence Units (LEIU) [mailto:LEIU@doj.ca.gov]
Sent: Wednesday, October 30, 2019 8:31 AM
To: Huchowski, kerra (POL) <kerra.huchowski@pol.state.ma.us>
Subject: A Publication of the LEIU Executive Board - The Source

Image



The LEIU Source is a weekly news publication brought to you by the LEIU Executive Board.

Each Wednesday, we share with you a few of the articles or intelligence-based publications that have come across our desk. We are exicted to see, each week, Law Enforcement Officers, Analysts and Administrators from around the world reading this.

If you have a publication or an article that you feel needs to be shared, please send these to IntelligenceAnalysis@mac.com for review.

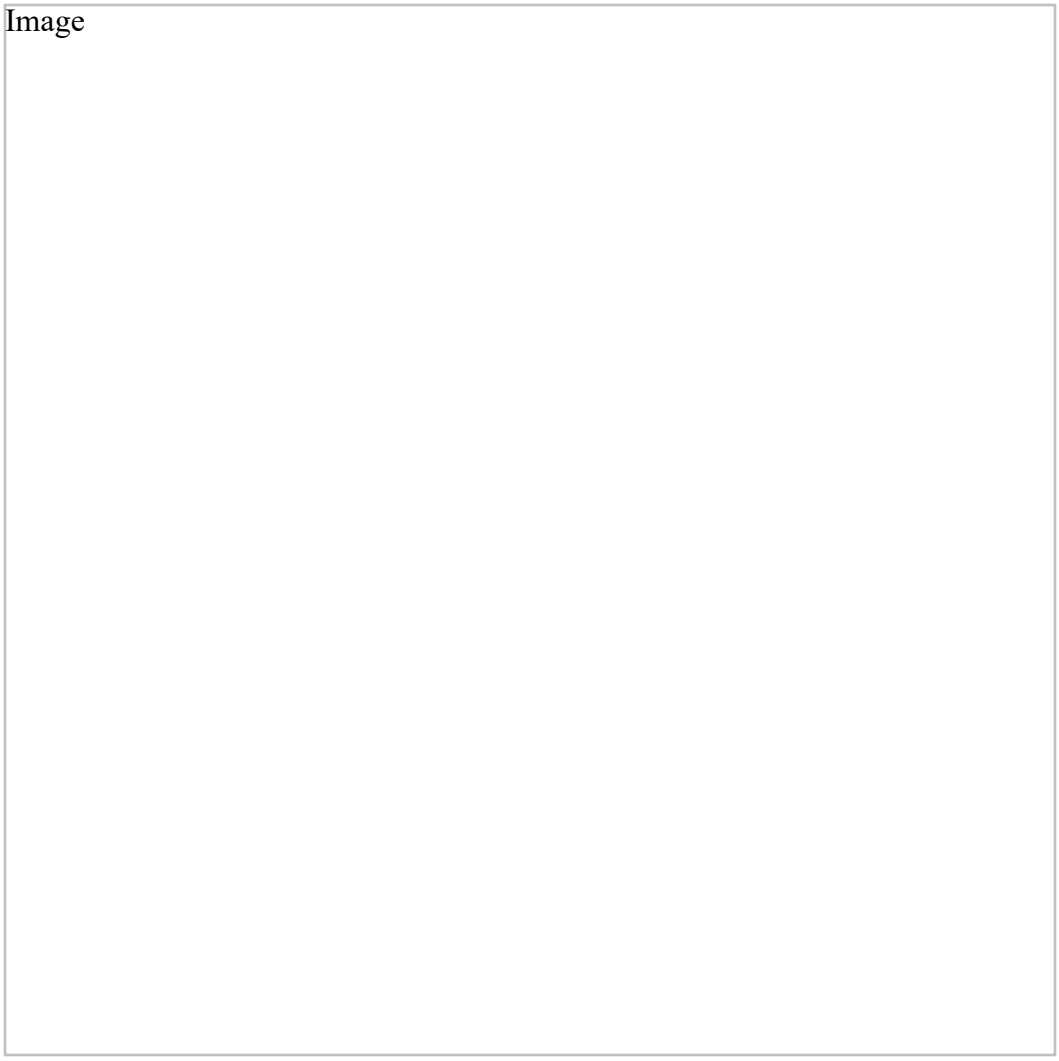
If you feel others at your department would benefit from receiving this publication, please forward this email. At the bottom of this publication is a link where they can add their email to the distribution list.

Wednesday 10/30/19

Click Here To Add Your Email To This Weekly Publication

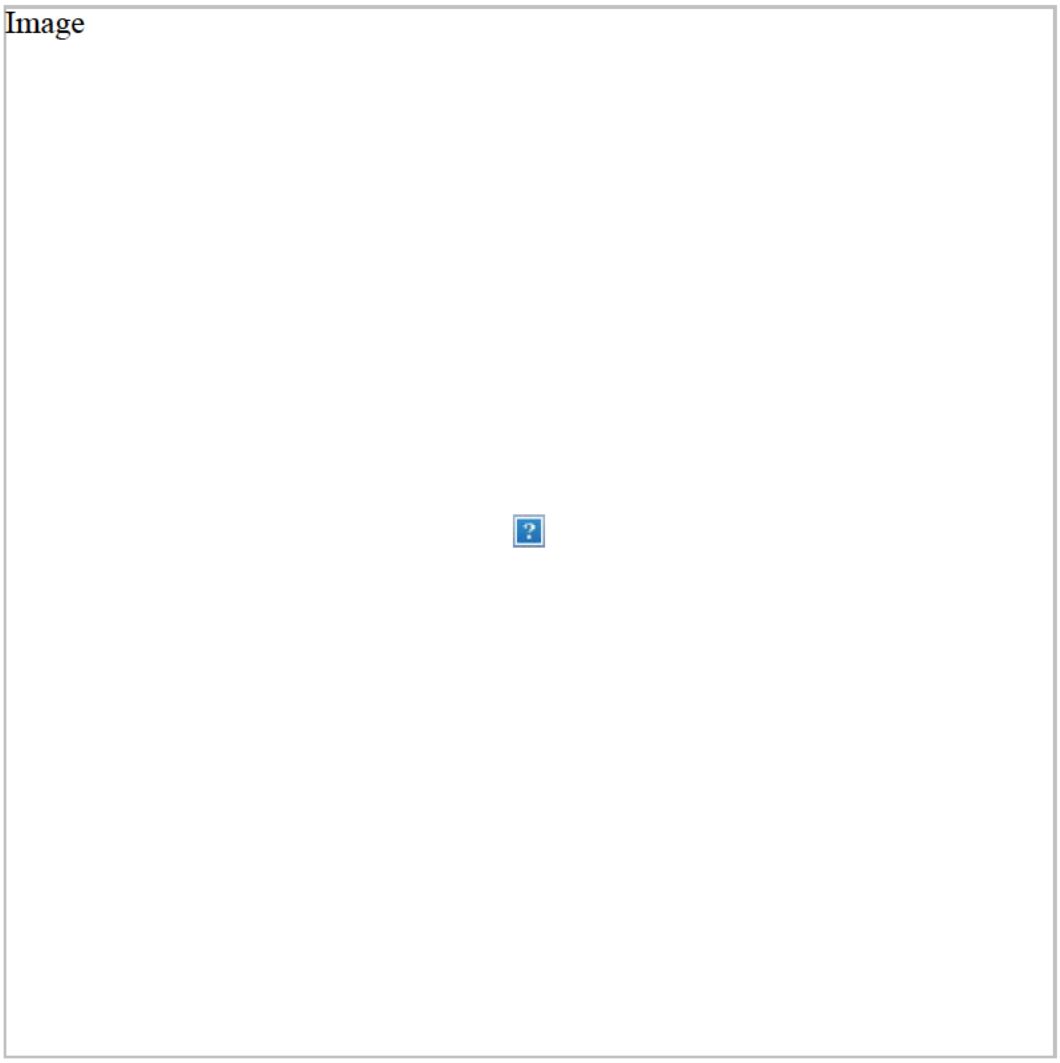
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Image



[Click Here For LEIU 20/20 Flyer]

BAE wins open source intelligence contract from the Army



The Army has awarded BAE Systems a $437 million task order for open source intelligence support, the company announced Oct. 15 during the 2019 Association of the United States Army conference.

As part of the task order, BAE Systems will provide the Army and Army Intelligence & Security Command (INSCOM) approved partners with open source solutions to publicly available data.

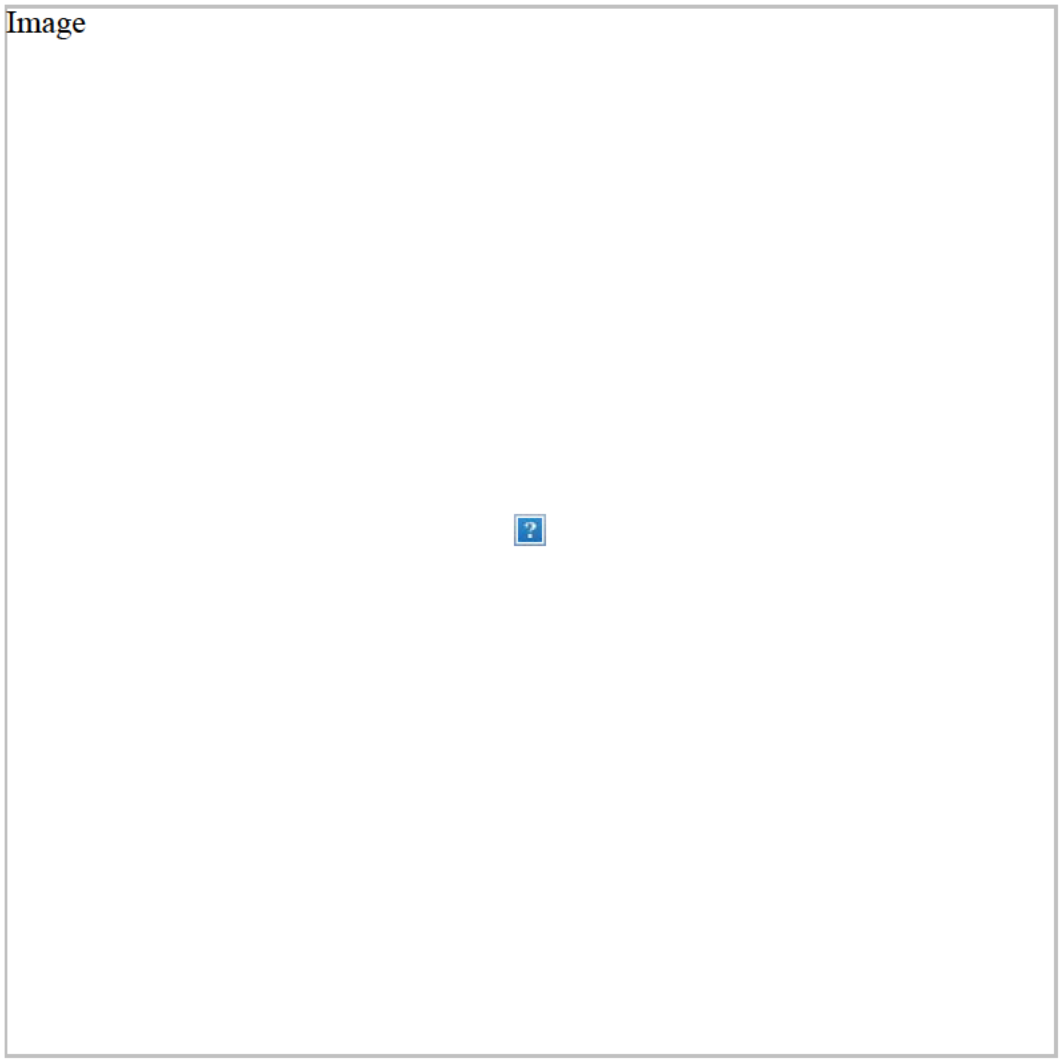
“We’re proud to continue to partner with the U.S. Army and support their critical national security missions with this new capability,” Peder Jungck, vice president and general manager of BAE Systems’ intelligence solutions business.

The company won the initial award of the five-year task order and began ramping up in August, Jungck said. The task order is an extension of projects the company has been doing for the Army, but this is the first time the work been consolidated and awarded as a larger contract, he explained.

“If you look at contracts in general around OSINT there’s been kind of small ones, there’s been lots of pilots out of agencies and even within the Army and throughout INSCOM there were different kind of brigades and battalions that had their own set of tools," he said. "This is one of the first of the really large OSINT and AI consolidation contracts. I don’t think anybody’s really had a large one like this.”

Calif. police stand by cop after video released in 2017 OIS of murder suspect

Image



FRESNO, Calif. — Community activists are expressing outrage after seeing video footage that shows a Fresno police sergeant fatally shooting an unarmed 16-year-old boy as he fled during a foot pursuit.

Meanwhile, the local police union and supporters of law enforcement have stepped up in support of the sergeant, saying he acted within guidelines while pursuing a murder suspect.

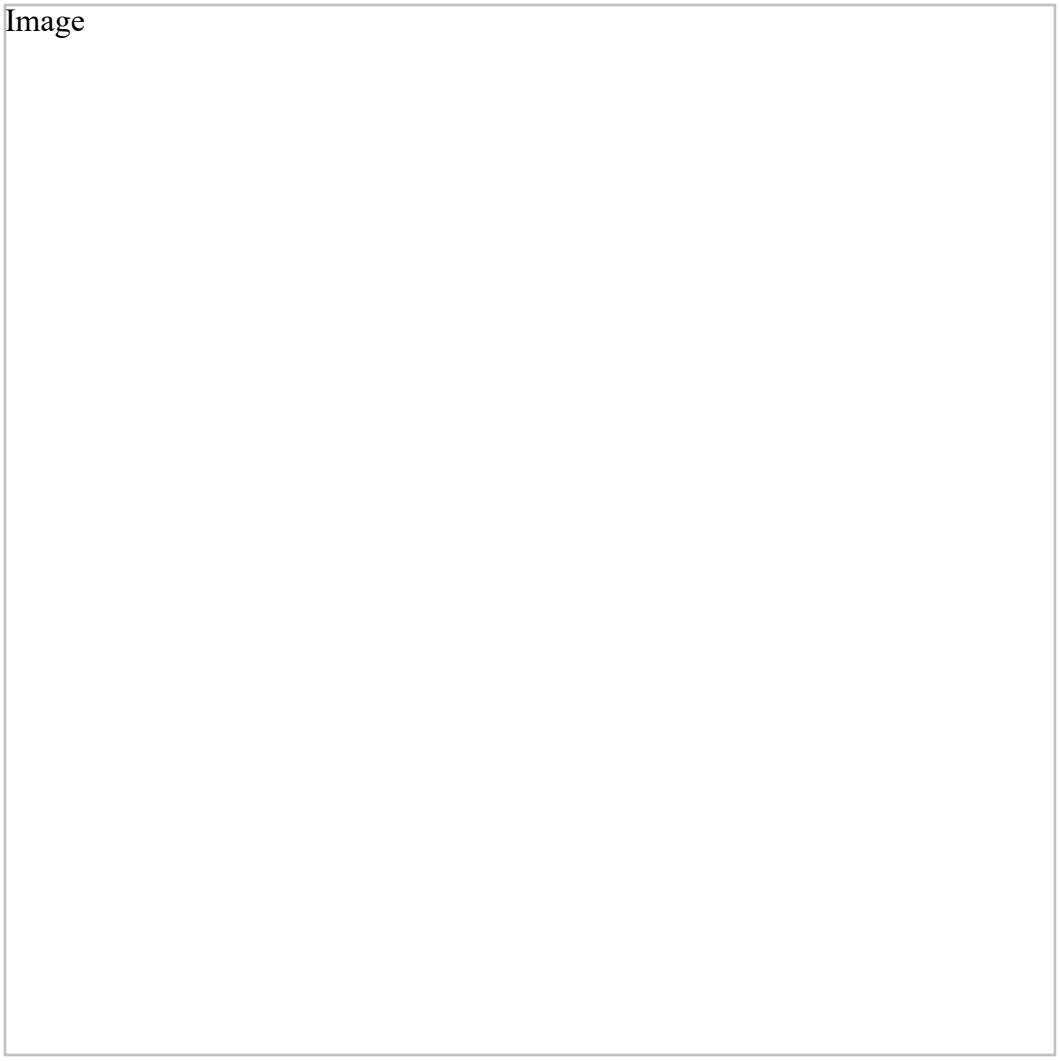
The footage shows Sgt. Ray Villalvazo firing a single shot into the back of Isiah Murrietta-Golding's head, according to a lawsuit filed on behalf of the teen's family.

The video was captured on a surveillance camera at a daycare facility on April 14, 2017, and was released by attorney Stuart Chandler, who's representing the family of Murrietta-Golding. The boy's family alleges the sergeant used excessive and unlawful deadly force, and committed assault and battery with negligence.

Additionally, in footage released from a police officer's body camera, one officer is heard shouting "good shot" as officers handcuff and search the already prone Murrietta-Golding.

Asia has an organized-crime problem. Canada is well placed to help

Image



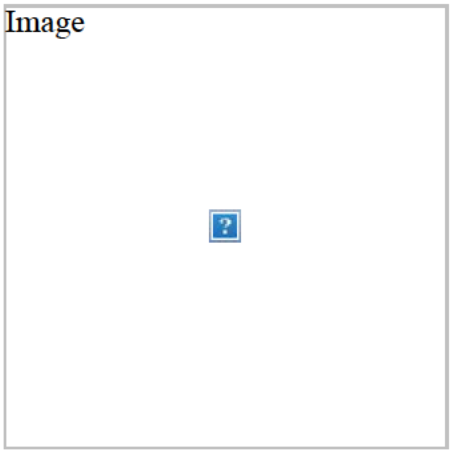
Jeremy Douglas is the regional representative for the United Nations Office on Drugs and Crime (UNODC) for Southeast Asia and the Pacific and a former UNODC representative for Pakistan. The opinions expressed in this commentary are his.

More than a few eyebrows went up last week when Tse Chi Lop – a 55-year-old Canadian man – was accused of being arguably the biggest drug trafficker in the history of Asia.

Mr. Tse is suspected – by police in Myanmar, Australia and Taiwan, and by the United Nations Office on Drugs and Crime (UNODC) – of being the leader of Sam Gor, or Brother Number Three, a supersyndicate largely responsible for the dramatic shift in recent years in organized crime away from drugs such as heroin and toward synthetics, such as methamphetamine, ketamine and fentanyl. It's a shift that has been driven by control and profit, since synthetics offer many advantages to

criminal organizations: Labs can be quickly set up or moved; they are not subject to external conditions such as climate, nor do they require large work forces; and production can be rapidly scaled up to drive the market. Put these things together and it means the disruption of the traditional drug business and the heavily concentrated profits that come with it.

Florida Senator Rick Scott Announces Legislation To Address 'FBI Failures' Regarding Parkland Shooting



MIAMI (CBSMiami) – Florida Senator Rick Scott announced legislation Thursday to hold the Federal Bureau of Investigations accountable for its 'failures to address critical deficiencies in its handling of actionable intelligence' in regards to the mass shooting at Marjory Stoneman Douglas High School in 2018.

The 'Threat Information Protocol for Sharing (TIPS) Act' is supported by Stand with Parkland, an organization founded by the family members of the victims of the Parkland shooting.

"Not a day goes by that I don't think about the 17 souls that were taken from us in a brutal act of violence at Marjory Stoneman Douglas High School. Following the tragedy, we all worked together to pass the Marjory Stoneman Douglas High School Public Safety Act to make our schools safer and prevent future tragedies, but we aren't finished. We cannot

accept the repeated failures of the FBI to properly investigate and act on specific tips received about the Parkland shooter, as well as other perpetrators of mass violence in Florida. I'm proud to stand with the family members of the victims to announce the TIPS Act, which bridges the gap between federal and state law enforcement agencies by mandating information sharing of all state-specific criminal intelligence tips. This is about getting information on threats into the hands of the right people, who can ultimately prevent violence and protect our families," Scott said.

Majority of Mexicans Say Organized Crime Stronger than Government after El Chapo's Son Released

Image

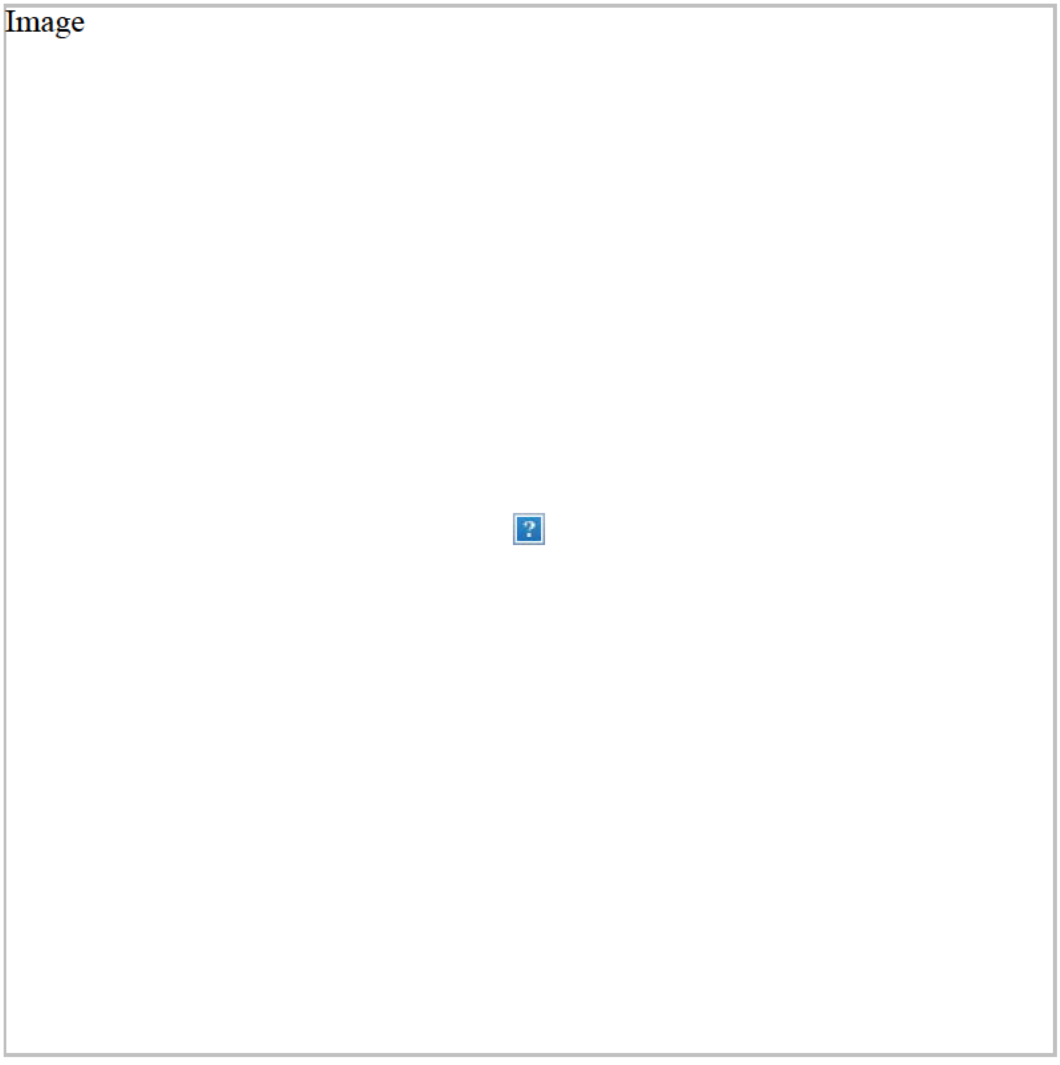
A majority of Mexicans see organized crime as more powerful than the Mexican government after government forces capitulated to drug-cartel strongmen and released the son of the former cartel leader Joaquín Guzmán, known as “El Chapo.”

About 56 percent of Mexicans say they believe organized crime is stronger, while only 33 percent say the government is stronger, according to a poll by the Mexican newspaper Reforma.

Mexican authorities were forced on Thursday to release Ovidio Guzmán López, El Chapo’s son, shortly after capturing him, when the Sinaloa cartel laid siege to the city of Culiacán and surrounded Mexican troops, taking eight soldiers hostage. Officials said at least 14 people died during the clashes between cartel members and Mexican soldiers.

49 percent of respondents in the Reforma poll disagreed with the decision to release López, while 45 percent said they supported it. Residents of Culiacán expressed relief that the government had surrendered, saying the decision prevented further violence.

Mexican lawmen get FBI training to combat organized crime, terrorism

Image 

JUAREZ, Mexico — Three Chihuahua state lawmen recently completed intelligence and intervention training courses sponsored by the FBI, according to the State Security Commission.

Alvaro Serrano Escobedo, the commission's operations

director, received training on anti-terrorism, intelligence gathering, leadership and the combat of organized crime at FBI headquarters in Quantico, Virginia. The training is part of the FBI's Mexican Law Enforcement Executive Development (MEXLEED) program, the commission said in a news release.

Ginés Jaime Ruiz García, first officer of the Chihuahua State Police, and Jesús Alejandro Cruz Rangel, who heads rural operations for the agency, attended the FBI's Mexican American Liaison and Law Enforcement Training (MALLET) program in South Padre Island, Texas, the commission said.

The three lawmen were among 30 duly vetted Mexican officials chosen by the FBI for training this year, the commission said.

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63 accused drug dealers plead guilty in heroin, fentanyl and cocaine trafficking rings

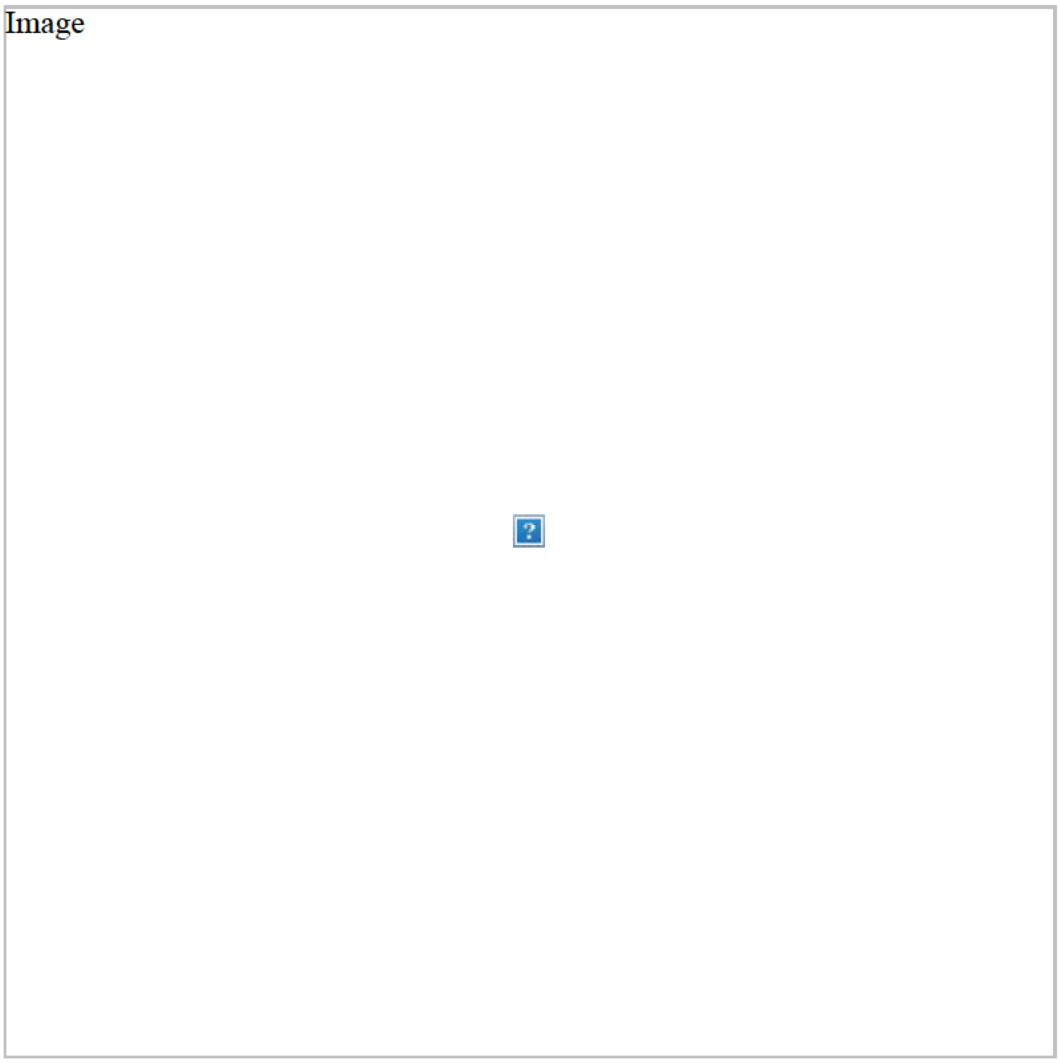
Image

SYRACUSE — New York State Attorney General Letitia James has announced the guilty pleas of 63 people for their roles in two major narcotics trafficking operations that transported heroin, fentanyl, and cocaine to Onondaga, St. Lawrence, Oswego, Oneida, and Jefferson counties.

The investigation resulted in the recovery of approximately 4,700 bags of heroin and fentanyl, worth approximately $140,000, and approximately 2 kilograms of cocaine, worth more than $200,000, according to a news release from the Attorney General's office.

"These individuals flooded our communities with dangerous drugs that are putting New Yorkers at great risk," said Attorney General Letitia James in the news release.

House bill would give border agents tool to detect synthetic opioids



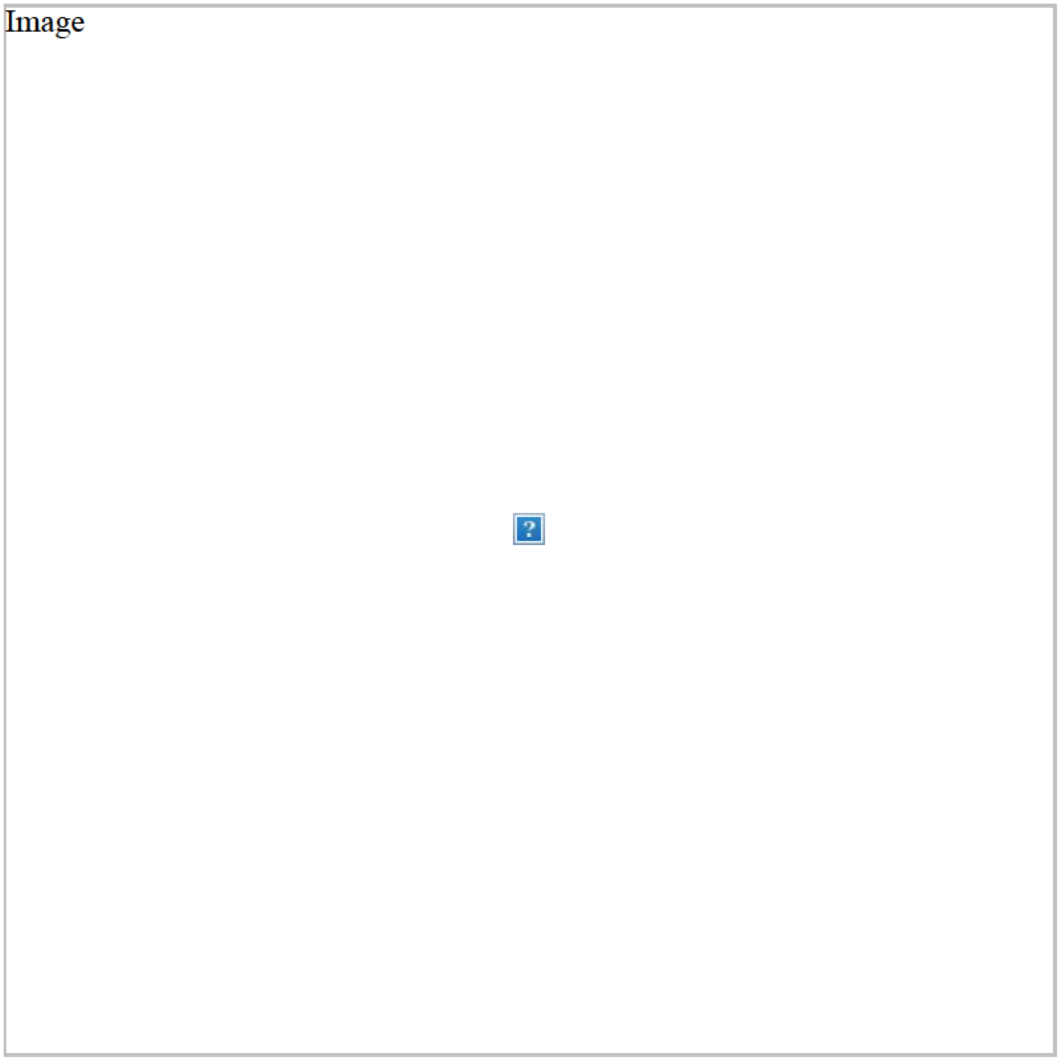
A bill that would give U.S. Customs and Border Protection (CBP) agents the equipment to detect synthetic opioids has been introduced in the U.S. House.

The DHS Opioid Detection Resilience Act of 2019 requires the Commissioner of CBP to procure chemical screening devices that allow border patrol agents to identify narcotics, including synthetic opioids, with purity levels of less than 10 percent. A 2018 study by the Drug Enforcement Administration (DEA) found that most fentanyl seized at the southwest border tends to be less than 10 percent pure. These changes would fill the gap that currently exists in identifying these synthetic opioids.

“Stopping the flow of illegal drugs across our southern border and at ports of entry is a top priority for our CBP law enforcement officers. This includes fentanyl and other synthetic opioids that can be difficult to detect. Our legislation ensures that DHS has the necessary equipment to detect synthetic opioids and the ability to adapt as smuggling methods evolve. We want to prevent this poison from ever reaching American communities, and our bill helps law enforcement carry out that mission,” Rep. Clay Higgins (R-LA), the bill’s sponsor, said.

Teens brawl with police in Brooklyn subway station

Image



BROOKLYN, N.Y. – A video showing members of the NYPD

trying to break up a fight and instead ending up in an all-out brawl with a mob of New Yorkers has gone viral… and media outlets were quick to condemn the cops who were involved.

The Post said that the incident unfolded on Saturday morning around 2:30 a.m. as officers responded to the scene of a fight on the platform of a subway station. The fights had originally began up on Jay Street between two groups of people before the violence spilled down into the station.

Cell phone video captured at the scene shows officers rush into the area and try to pull the brawling teens apart, attempting to put one of the suspects in handcuffs. Other individuals on the outside of the skirmish appear to be pulling the officers away.

The heartbreaking final text this human trafficking victim sent before dying in UK truck

Image

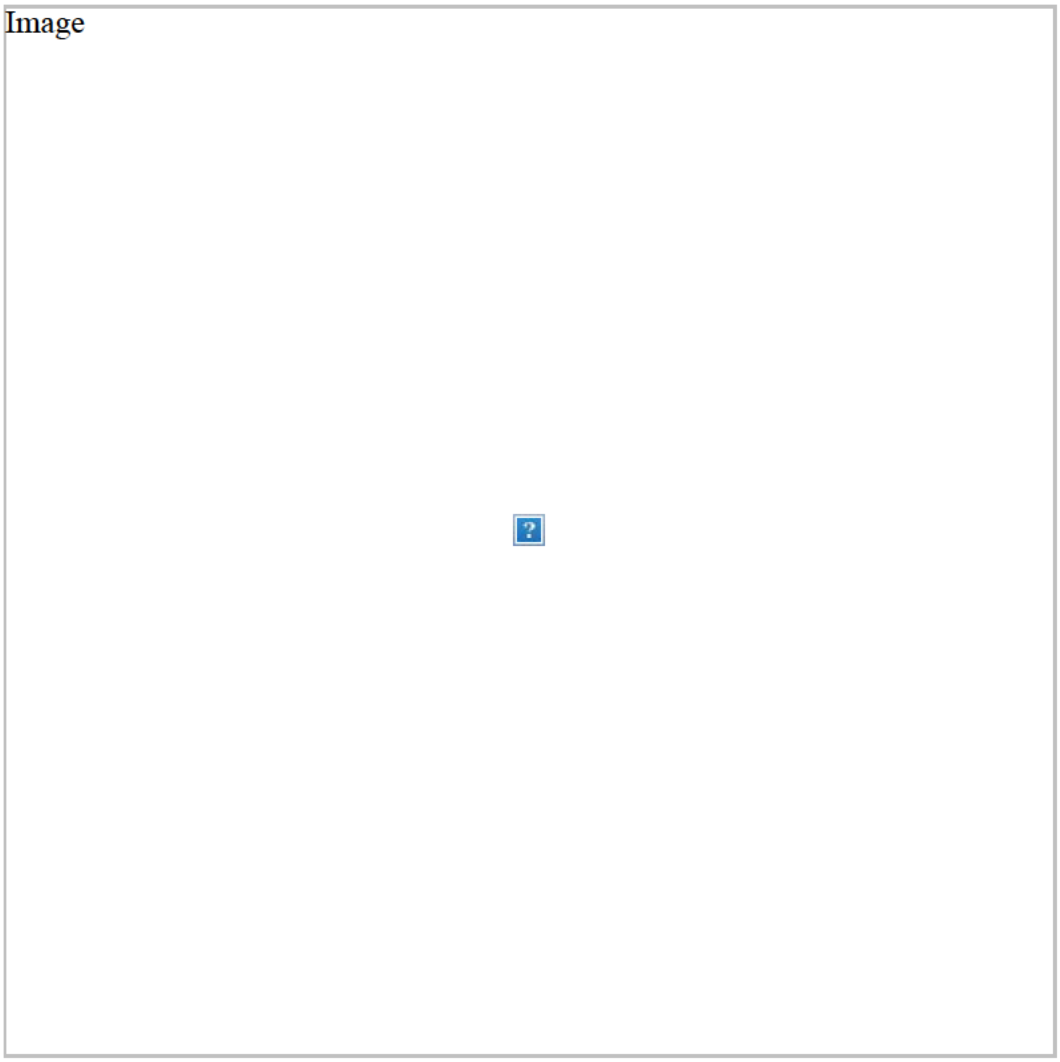
A 26-year-old Vietnamese woman texted her mom frantically that she was suffocating in the truck in which the bodies of 39 people were found in England — and apologized that her journey to a better life ended tragically, according to a report.

“I’m sorry Mom, my path to abroad didn’t succeed,” Pham Thi Tra My wrote in a series of messages about 10:30 p.m. Tuesday, according to the Mirror.

“Mom, I love you and Dad so much! I’m dying because I can’t breathe,” she added.

News about the young woman’s final moments emerged as two more people were arrested after eight women and 31 men were found dead Wednesday in a case that has shocked Britain and made headlines around the world.

Labor Trafficking Is A Crime You Probably Don't Notice



It has been more than four years since Catherine Piedad called 911 from a $1.7 million home in Newton.

In 2015, she worked long hours to care for a Russian family's young twins. Her passport was taken, and she slept in a small room with little light and nowhere to store her clothes. When she asked to be paid, her employer threatened to send her back to the Philippines. She feared deportation and did not know who to trust.

Despite her fear, she called 911. Law enforcement helped her

to leave the family's home but did little else. They did not see her case as "labor trafficking." Instead, the incident was labeled a "labor dispute." Piedad struggled to access her rights — despite the robust federal and state laws designed to protect her.

You've probably heard of sex trafficking, which often involves perpetrators who force, trick or coerce victims into sexual servitude. Although difficult to see, sex trafficking is often visible to law enforcement through the internet: perpetrators sometimes leave a footprint online, which can provide a critical entry point for criminal investigations.

The Mafia's history in Las Vegas: From Bugsy Siegel to Anthony Spilotro

Image

Benjamin “Bugsy” Siegel had been at the helm of the Flamingo for only six months in June 1947 when he was killed in a hail of gunfire at his girlfriend’s Beverly Hills, Calif., home.

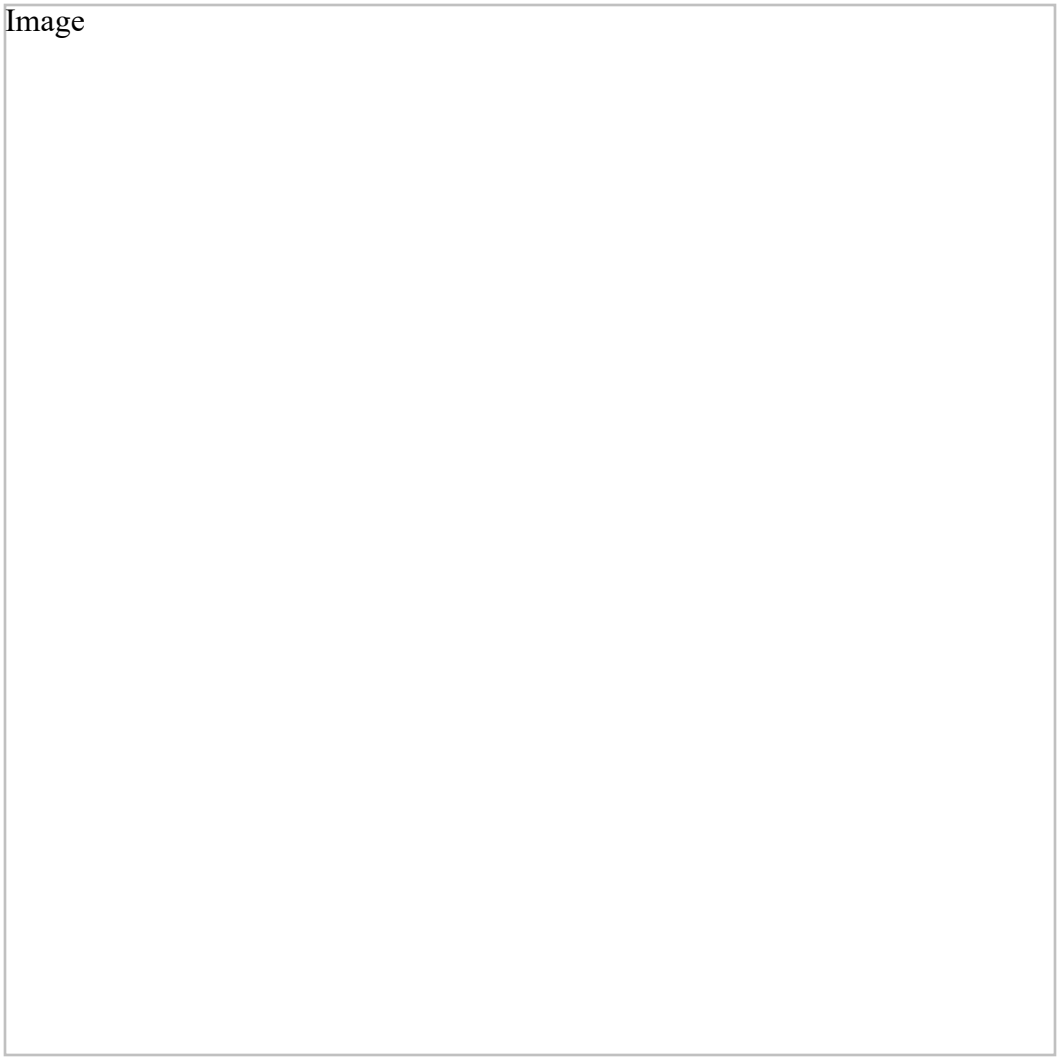
But his vision for the Flamingo, the first resort-style hotel on the Strip, was the beginning of a 50-year relationship between Las Vegas and traditional organized crime that helped define “Sin City”and turn it into one of the world’s top tourist destinations.

“The general perception on the part of the public is that Las Vegas and the mob have been inextricably linked, and I don’t think it will ever be extricated,” former longtime state archivist Guy Rocha says.

Groundbreaking books such as “The Green Felt Jungle” in 1963, which revealed the mob’s early grip on the city, and popular movies such as “The Godfather” in 1972 and “Casino” in 1995 enhanced this perception through the years.

So did the buzz on the Strip over the Rat Pack, led by headliner Frank Sinatra and his associations with high-profile underworld figures.

New Bill To Bring Illegal Gambling In California Closer To An End



Gambling in the US, as well as in the whole world, is one of the most entertaining and lucrative endeavors. Not only does it provide fun and joy to the players, but it also offers an opportunity to make a fortune.

The gambling operators all around the world are doing everything they can to attract new customers. From online free spins for Australians to no deposit bonuses and other promotions in other countries, casino operators are full of such impressive offers.

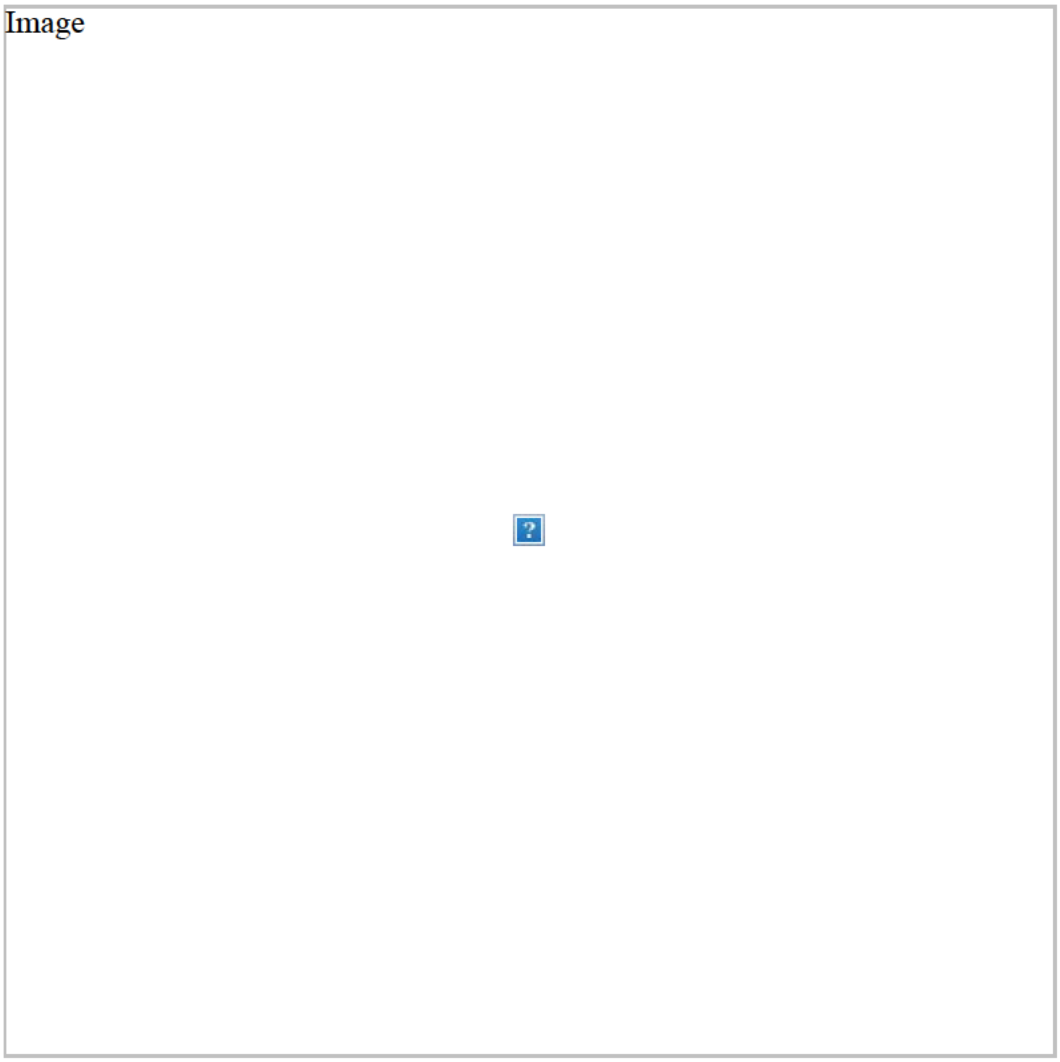
However, the industry isn't just this fairy-tale source of joy and money. It also has its drawbacks. With problem gambling, organized crime, and money laundering prospects, gambling has long been considered threatening to society.

That's the reason why the US government, alongside other

governments worldwide, have been eager to put the industry under the limitations and protect the interests of their citizens. With the regulatory restrictions and measures, the government officials have deemed ill-gotten gains illegal and contributed to ending gambling-related crime.

Best true-crime books of all time

Image

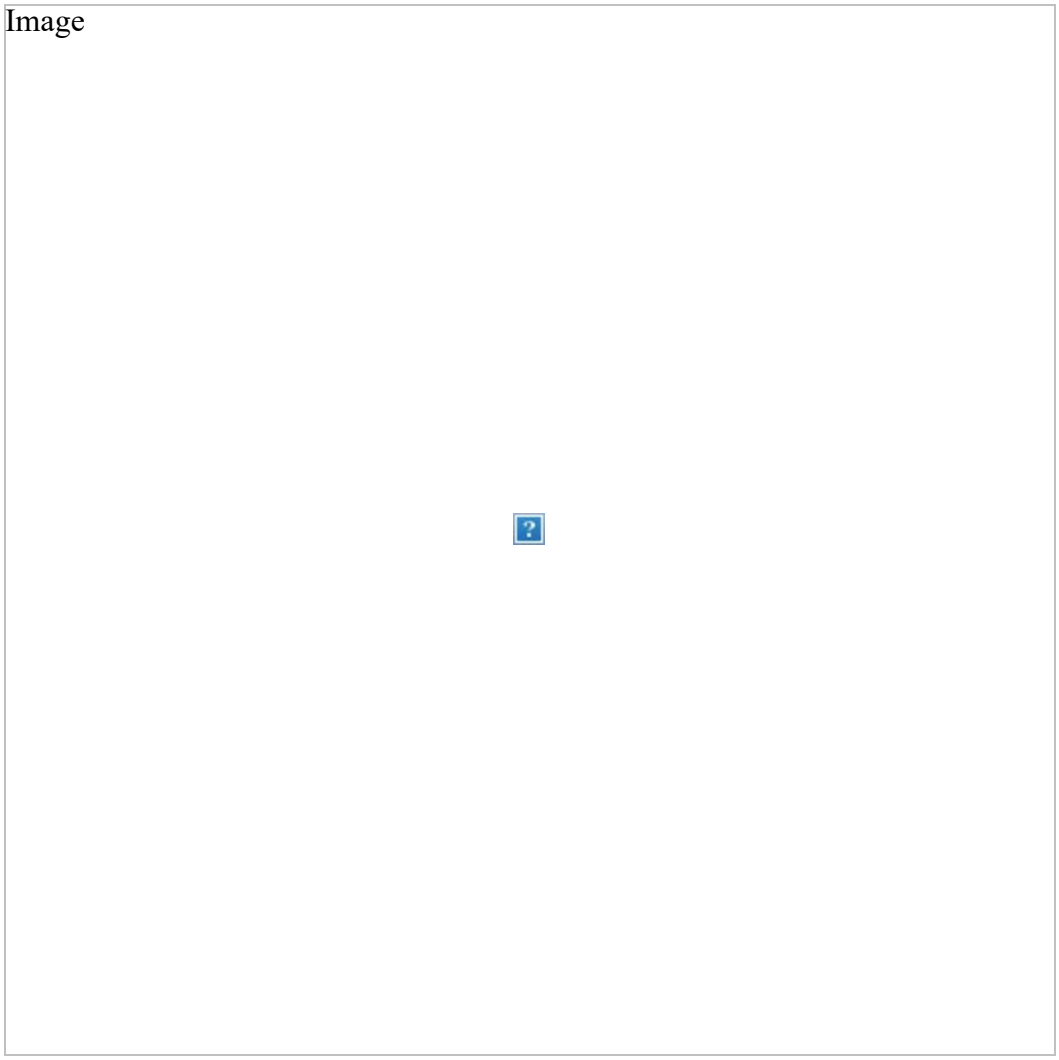


Terrifying tales are not the domain of fiction alone. If you are in search of bone-chilling scares, we recommend you turn to true crime. The key word being true. That's right, no imagination needed. Including stories about such horrific figures as Charles Manson and Ted Bundy, Goodreads compiled a list of the top 10 true-crime books

of all time based on the lists, reviews and ratings of their more than 90 million members.
AP

How a Facebook Crime Page Led to Arrest of N.C. Woman in Cold Case Killing of Sister-in-Law

Image



A Facebook page devoted to the murdered, missing or miscreant residents of western North Carolina is being credited with helping authorities bring charges in the 15-year-old cold-case killing of a missing mom of four, allegedly at the hands of her sister-in-law.

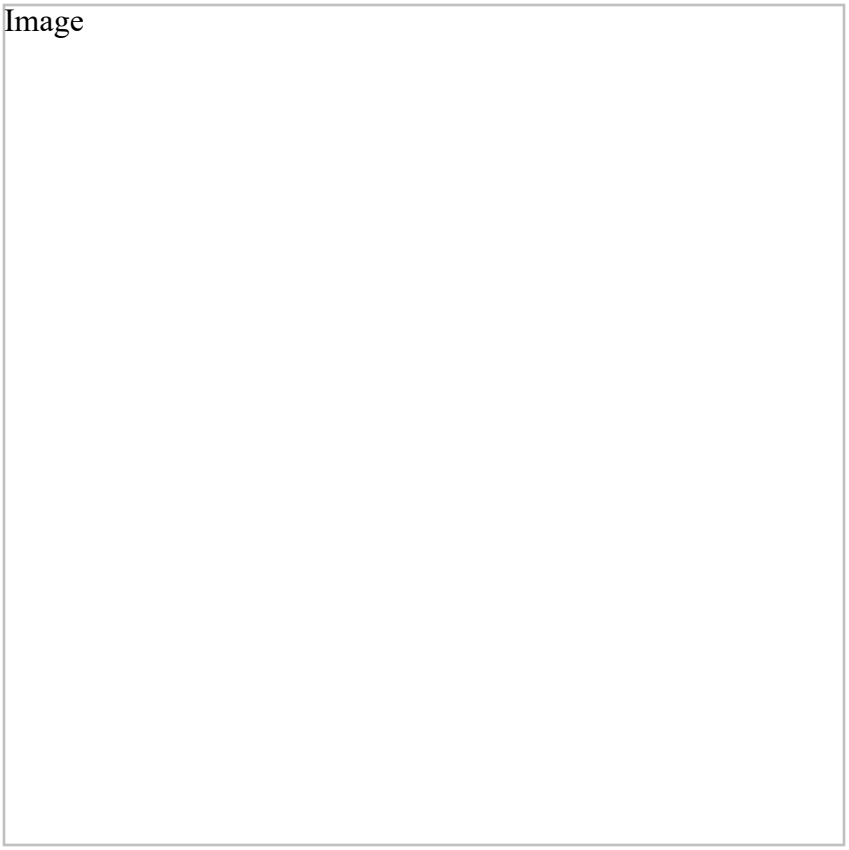
The tip that led authorities to a “shallow grave” containing the remains believed to be those of 29-year-old Deborah Elaine Deans “proved to be very accurate and very reliable,” Nash County Sheriff Keith Stone told reporters last week.

But the tipster did not go to police at first.

Instead, the unidentified person sent information about the alleged crime to a woman who created and runs a Facebook page called Fighting Crime News and Who’s Wanted, an online outlet whose updates range from wanted posters to promotions of local elections and warnings about traffic tie-ups.

On October 20, a re-post about the unsolved missing-person case of Deans — who was last seen around 9 a.m. on January 19, 2004, at a residence on Wiley Road in Spring Hope — elicited a “very detailed” response that was forwarded to authorities by the Facebook page creator, said Nash.

Google Maps Adds ability to see speed limits and speed traps in 40+ countries

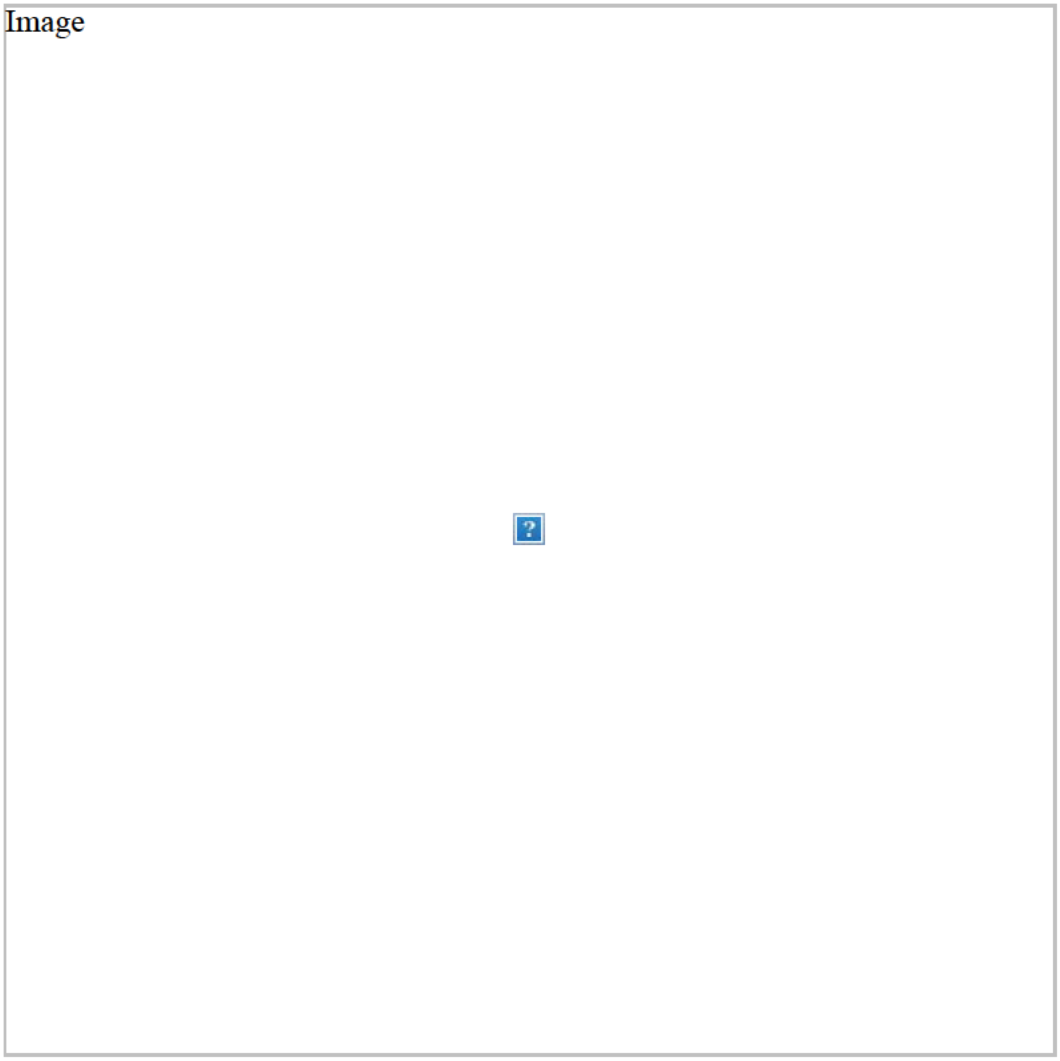


Google Maps is gaining some features previously exclusive to Google's navigation app, Waze. The company confirmed it's rolling out the ability for Google Maps users to see speed limits, speed cameras and mobile speed cameras in more than 40 countries worldwide — an expansion of its earlier launch of these features, which were previously limited to select markets.

The change was noted earlier by ZDNet and, of course, Reddit.

Google confirmed with TechCrunch the full list of supported countries now seeing the speed cameras, which currently includes: Australia, Brazil, U.S., Canada, U.K., India, Mexico, Russia, Japan, Andorra, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, Greece, Hungary, Iceland, Israel, Italy, Jordan, Kuwait, Latvia, Lithuania, Malta, Morocco, Namibia, Netherlands, Norway, Oman, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, South Africa, Spain, Sweden, Tunisia, and Zimbabwe.

The Ethics Board of One of the Largest Vendors of Police Tech (Axon) Makes the Case Against ALPRs



Automated License Plate Readers (ALPRs)—a mass surveillance technology that allows law enforcement to record the location and travel patterns of nearly every driver on the road—are poorly regulated, threaten privacy, and worsen the racial and economic inequalities already ingrained in our justice system.

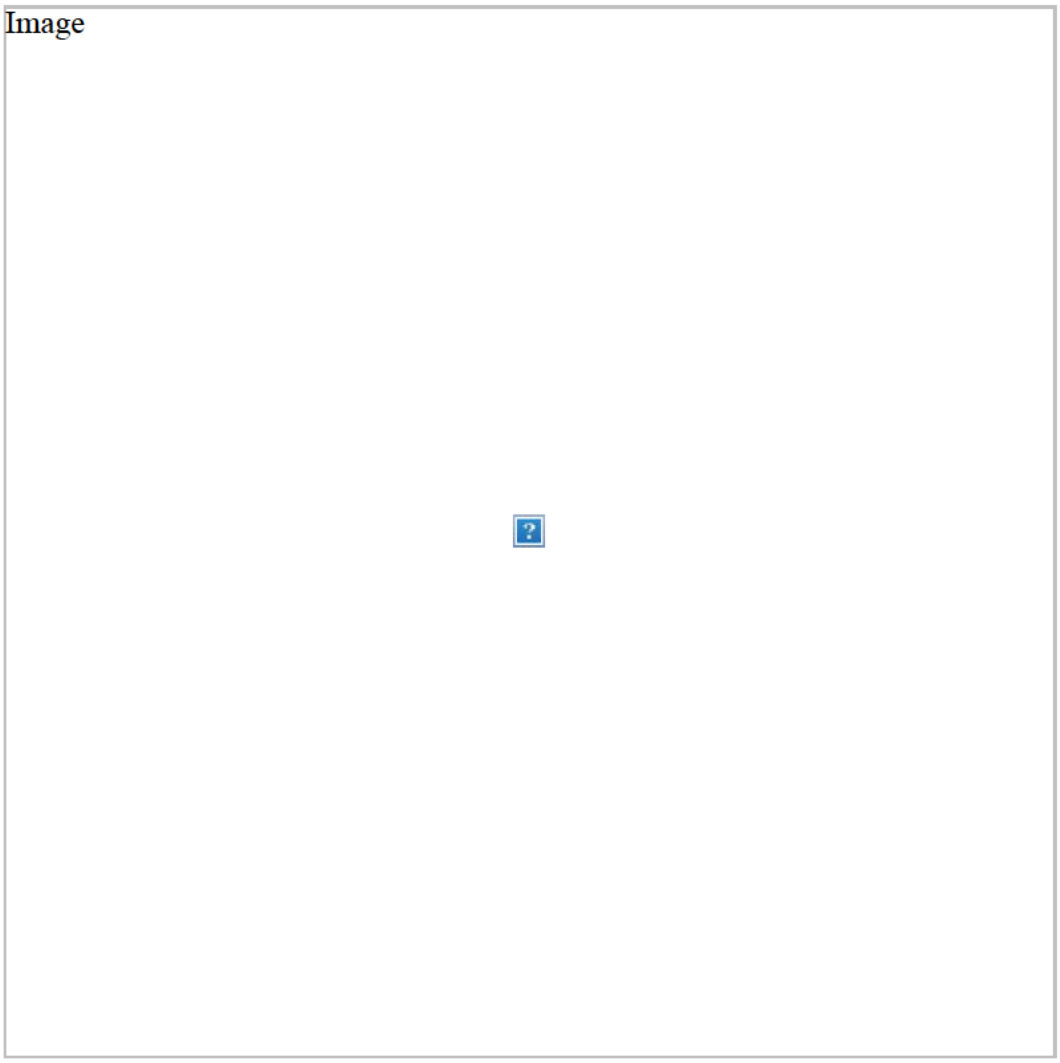
That's what EFF and other advocates have been saying for years. But now it's coming from an oversight body formed by one of the nation's largest police tech vendors.

Last week, the AI and Policing Technology Ethics Board at

Axon, a tech company best known for popularizing body-worn cameras and the Taser, released a damning report concerning the commercial sale of ALPRs. The board, whose purpose is to “help guide and advise the company on ethical issues,” concluded that while it sees the potential value of ALPRs, their current role in society is too broad and problematic. The sheer amount of information that ALPRs gather and store was also a concern for the ethics board—particularly when privately collected data is often for sale to whoever wants to buy it.

ALPR systems include cameras that can be mounted on vehicles like police patrol cars or private tow trucks, or on stationary locations such as streetlights or overpasses. These cameras capture every license plate that passes and index them based on time, date, and location. A police officer can search ALPR databases to learn where a vehicle was in the past or even get real-time alerts when a driver passes by an ALPR camera. Research by EFF, MuckRock, and others have found that even small police departments are able to collect millions of plate scans a year, and often agencies are sharing this data with hundreds of other agencies across the country. Private companies also use ALPR and sell their data to police, financial lenders, insurance companies, private investigators, and debt collectors.

Amazon's Ring is 'the Neighborhood Watch of 2020,' police say as doorbell cams proliferate

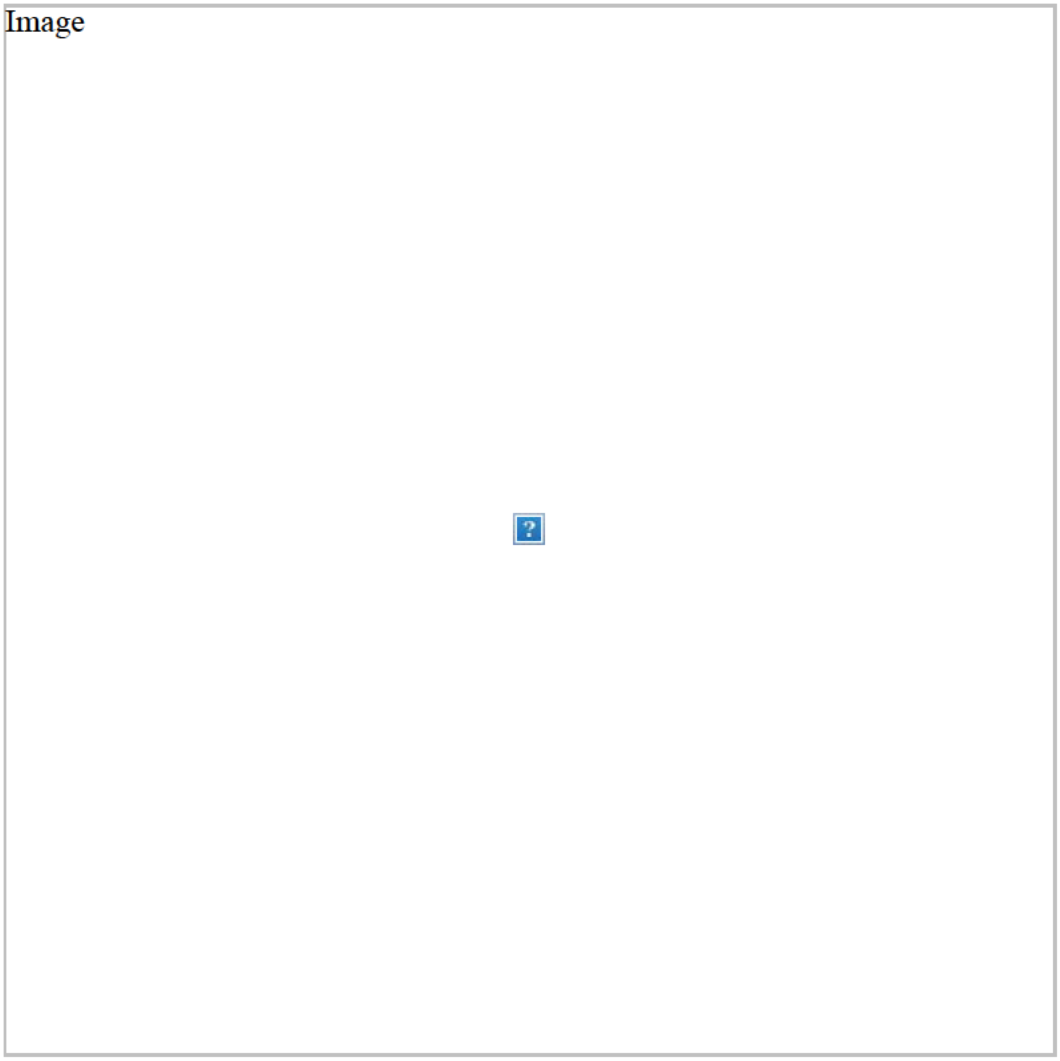


That's all it took Livonia Police to arrest a man, who hours earlier was caught on video posted on Ring's Neighbors app rummaging through the bed of a pickup parked in a driveway.

Detectives quickly recognized 60-year-old Jeffrey Couch when they saw the video posted by an app user in mid-August. Within a week, he pleaded no contest in court to two attempted larceny charges and was sentenced to 30 days in jail.

"I truly believe this is the Neighborhood Watch of 2020," said Livonia Police Capt. Ronald Taig, whose force was one of the first law enforcement agencies in Michigan — and is one of more than 400 across the country — to partner with the Ring Neighbors app, owned by Amazon.

How the deadly drug fentanyl is making its way to the US



Trump administration officials are divided over part of a proposal to crack down on illicit versions of fentanyl, the deadly synthetic painkiller that President Donald Trump targeted in declaring a national opioid abuse emergency.

In an inter-agency dispute that highlights the challenges of curbing opioid abuse, the US Drug Enforcement Administration (DEA) is publicly backing tighter rules for fentanyl analogs, which are slightly altered copycat versions of the powerful drug fueling an explosion in overdoses.

In this case, the bill would cut the Food and Drug Administration out of the time-consuming review process by

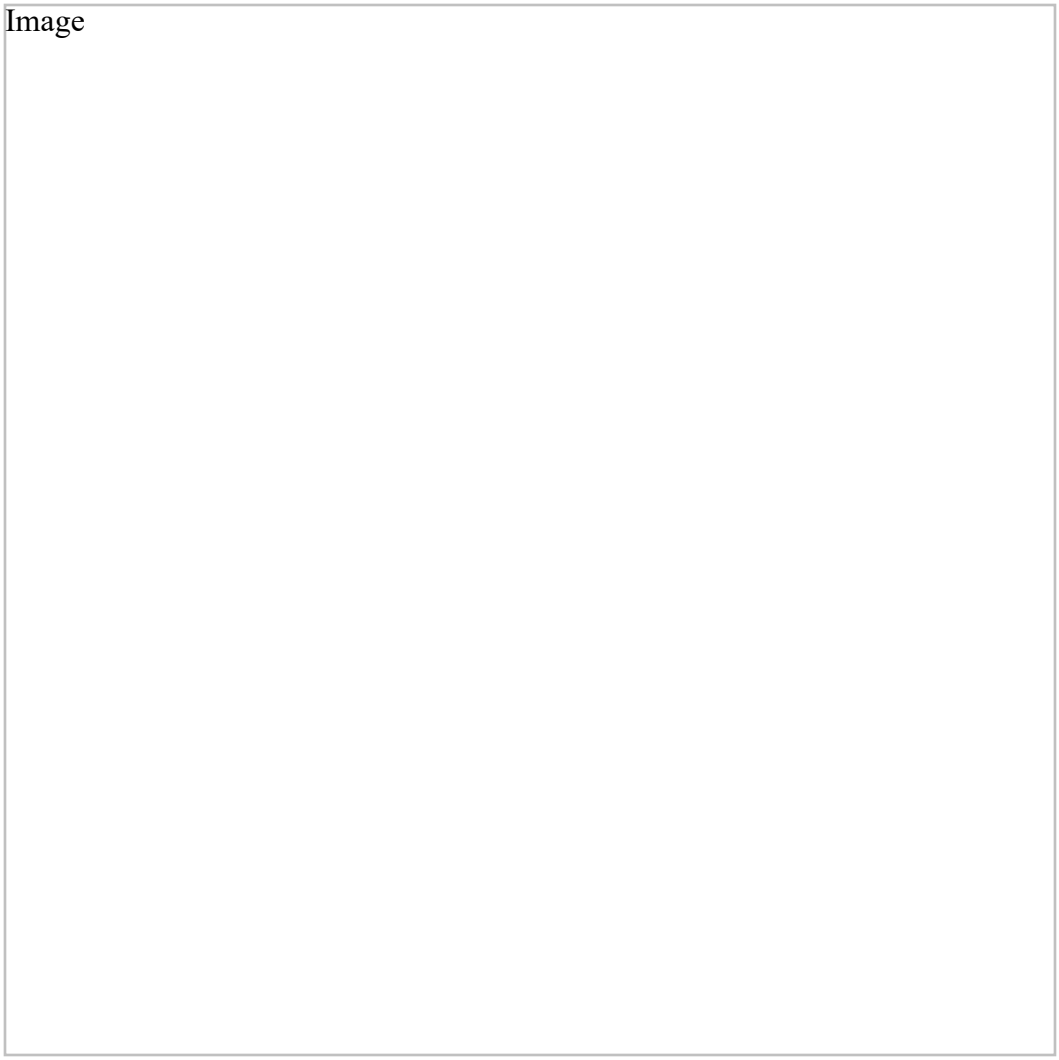
letting the DEA permanently classify illicit fentanyl analogs as Schedule I drugs, like heroin, which are deemed to be addictive with no medical use.

The DEA says these legal changes would help prosecutors keep pace with criminals who constantly churn out chemically tweaked fentanyl analogs to evade strict Schedule I regulations.

Of 70,200 US drug overdose deaths in 2017, according to the CDC, about 41% involved synthetic opioids, such as fentanyl and illicit analogs of it. Most of them are made in China.

Fentanyl, some versions of which are approved to treat cancer pain, is 100 times more potent than morphine.

Trump Orders Study of Root Causes of Crime, Policing Practices



President Trump on Monday ordered Attorney General William Barr to establish a new commission to study crime and law enforcement with the goal of recommending “actions that can be taken to prevent, reduce, and control crime, increase respect for the law, and assist victims.”

Following remarks in Chicago at the annual International Association of Chiefs of Police conference, the president signed an executive order establishing the Commission on Law Enforcement and the Administration of Justice. The commission will study the influence of substance abuse, homelessness and mental illness on crime as well as examine best practices to recruit, train and support law enforcement, among other things.

“Rigorous study of crime, including its causal factors, and current law enforcement practices is essential to assessing our

current criminal justice system's merits and opportunities for improvement," the executive order stated. "Public safety and proper policing are issues of both national and local significance that continue to require the close cooperation and coordination between the Department of Justice and state, local, and tribal law enforcement."

Quality Afterschool Programs Proven to Reduce Crime

Image

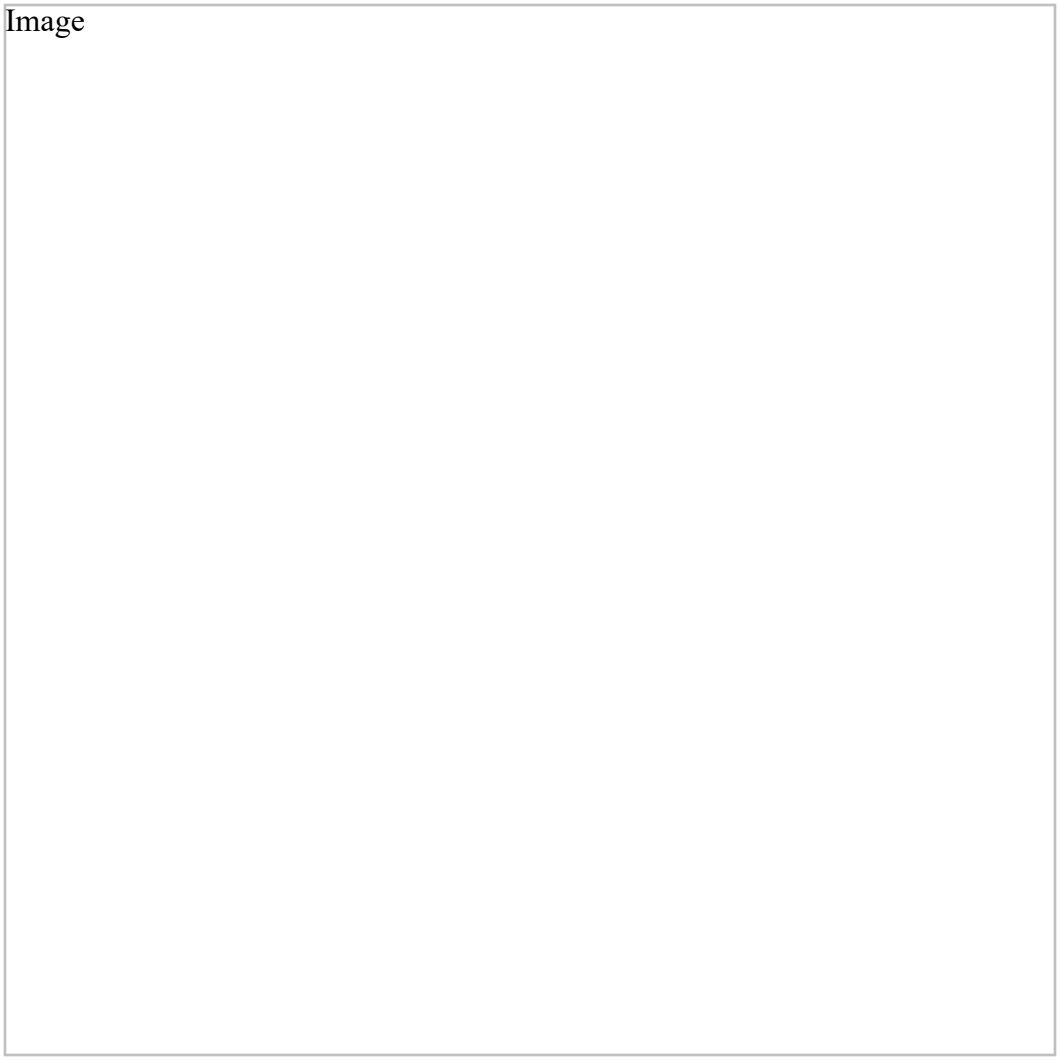
As a member of your District Attorney's Office for almost 30 years, and your DA for nearly 10, I've learned that the hours after school lets out are the prime time for juvenile crime.

It is between these hours of 2 to 6 p.m. that youth are more likely to be arrested for assault, theft and drug-related crimes.

Quality afterschool programs have been proven to reduce these crimes in our community, keep students engaged, and improve academic performance and student behavior.

A new report from Fight Crime: Invest in Kids shows that when youth have access to high-quality, affordable afterschool programming, they benefit immensely from homework help and outdoor activities, and they're less likely to commit or become victims of crime.

Australia's government is floating an idea to scan internet users' faces before they can watch porn online



Australia's Department of Home Affairs has touted an idea to use facial recognition software in order to verify internet users ages before they can access pornography or gambling websites.

In its parliamentary submission, the department says that its Document Verification Service and Face Verification Service — though broadly intended to be used as systems for fighting crime and identity theft — could also be used by police for age verification controls.

"This could assist in age verification, for example by preventing a minor from using their parent's driver licence to circumvent age verification controls," the submission states.

"Whilst they are primarily designed to prevent identity crime, Home Affairs would support the increased use of the

Document and Face Verification Services across the Australian economy to strengthen age verification processes."

Police turn to hackers in Australia's first crowdsourced attempt to find missing people

Image



For decades the traditional 'missing person' poster has been used to enlist the community's help to find individuals who may be in danger.

But with more than 2,600 Australians now listed as a "long-term" disappearance, the federal police are trying what they hope will be a more successful tactic: turning the search into a

game.

More than 350 internet sleuths and "ethical hackers" — hobbyists and professionals — gathered at 10 locations around the country on Friday in a national missing-persons "hackathon".

The aim was to generate leads for 12 of Australia's most frustrating cold cases, using sophisticated but legal methods of trawling the internet.

And organisers said the results were astounding: 100 leads were generated every 10 minutes the competing teams worked.

Police overseas have used crowdsourcing in the past for help with isolated cases, aided by these largely voluntary "open-source intelligence" (OSINT) enthusiasts.

But Linda Cavanagh, of the Canberra Cyber Security Innovation Node, said the Australian event was the first of its kind to be deployed on a national scale.

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10 of the Best Tools to Find Relevant Influencers on Social Media

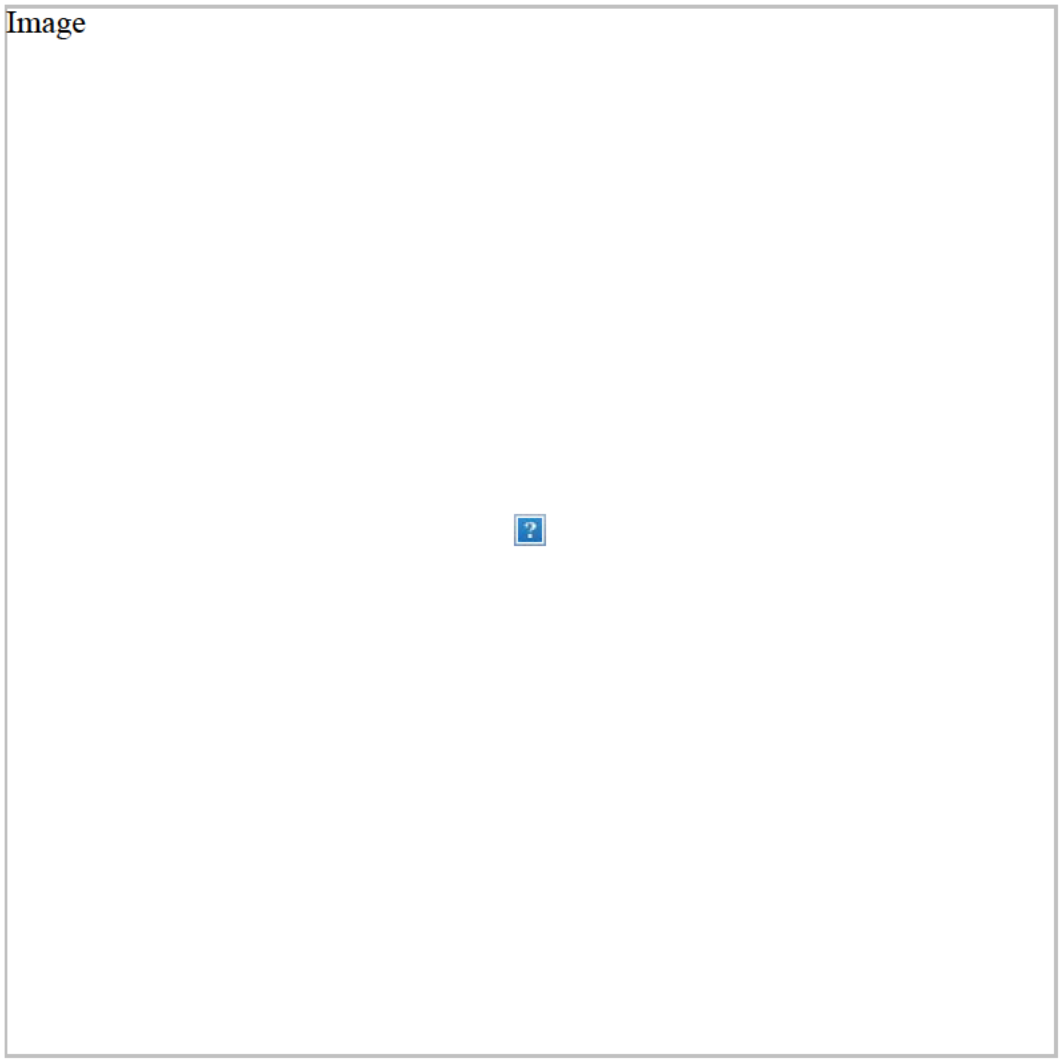
Image

While it's become a much bigger consideration in recent years, influencer marketing, as a practice, has actually existed for a very long time. In the past, however, influencers were only on TV or in magazines, and unlike social media, TV and newspapers are limited, which led to a situation where a select number of celebrities were able to charge tons of money for making an ad for Pepsi or Swatch in order to influence consumer behavior.

With the birth of social platforms, everything changed. The Internet has no limits, there can be as many influencers as the world requires. They can be of any age and social status, and in any area of expertise (or no area of expertise). And they can work with any brand.

How Your Volunteering Trip Could Contribute To Human Trafficking

Image



The advent of cheap air travel and Instragammable holiday photos, combined with a longing for meaning, has created a new breed of traveler: the voluntourist. This ever-growing trend describes people, most often young and affluent Westerners, who travel to the global South to help with community projects.

While no doubt sweetly intentioned, there is considerable concern over the fad of “voluntourism” and whether it does more harm than good for the communities in developing countries – especially when it involves children or work at an orphanage. On the surface of the problem, it’s questionable whether treating the developing world as a playground is an effective model to address systemic poverty and care for vulnerable children.

An anthropological study published in the Journal of Sustainable Tourism has shown how volunteer programs can actually contribute towards a superficial understanding of poverty that distracts from the larger systems that produce inequality and poverty. Through a series of in-depth interviews with young people from the US who volunteered in Malawi, they found their volunteer work was often carried out through a colonial and “mythologized” image of a helpless Africa needing the benevolence of the West. The volunteers also viewed African poverty in terms of the “American Dream” and the idea of pulling oneself out of poverty through hard work, as opposed to deep-rooted economic, social, and historical factors at play.



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If you have an article you would like to see featured in this publication please contact Brian Gray at intelligenceanalysis@mac.com

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1825 Bell Street - Suite 205, Sacramento, CA 95825

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This email was sent to kerra.huchowski@pol.state.ma.us.

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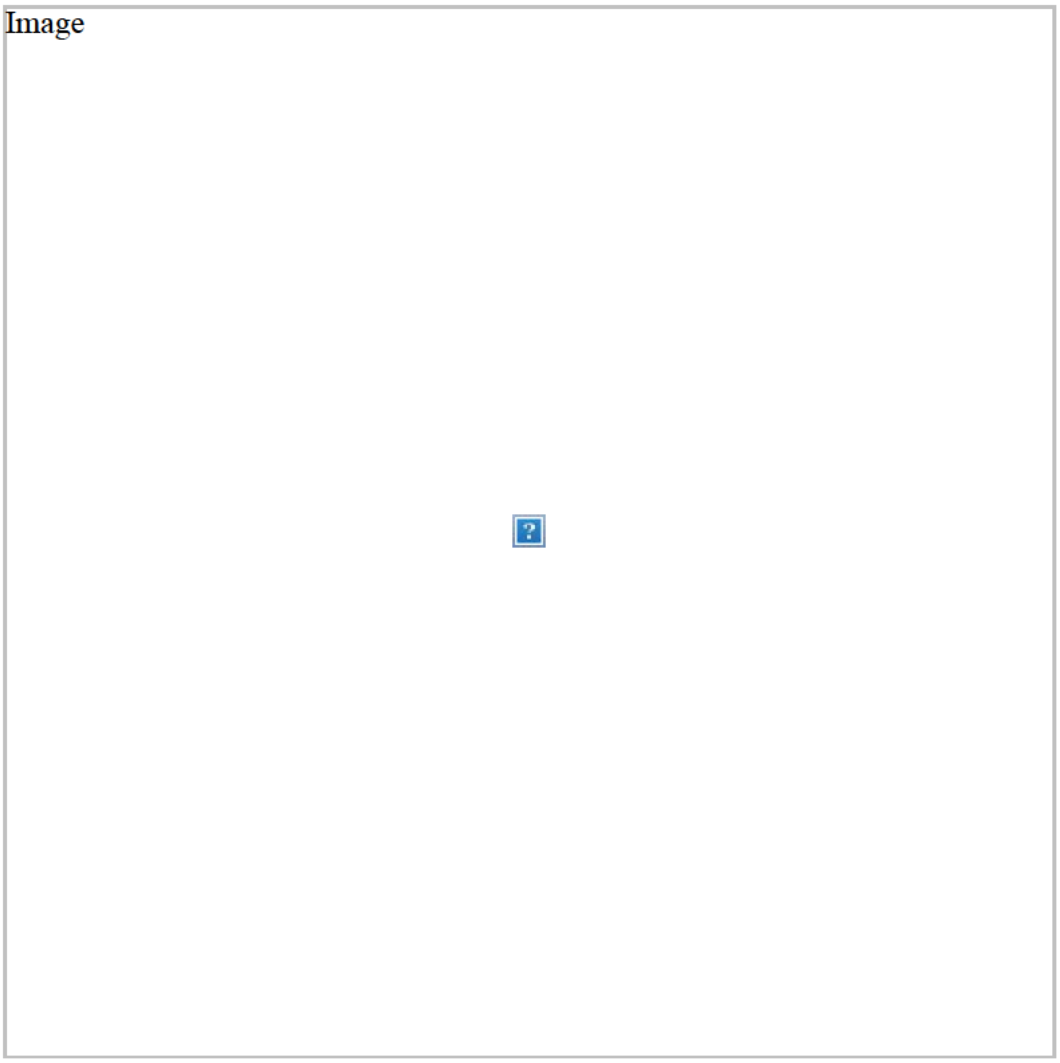
From: Frenzo, Mark (POL)
To: Huchowski, kerra (POL)
Subject: Re: A Publication of the LEIU Executive Board - The Source
Date: Thursday, October 31, 2019 2:15:09 PM
Attachments: image001.png
image002.png

Thanks Kerra

Sent from my iPhone
Detective Lieutenant MR Frenzo #2177
Unit Commander
SSS / Organized Crime Unit
Massachusetts State Police

On Oct 31, 2019, at 7:44 AM, Huchowski, kerra (POL) <kerra.huchowski@pol.state.ma.us> wrote:

> Good Morning,
>
> Listed below are various different articles about organized crime, including one about the Las Vegas Mafia. Other articles stem around OC in Asia, Canada and of course El Chapo and drugs. Happy reading and Happy Halloween!
>
> I will be in DC next week.
>
> -Kerra
>
> ---
>
> **From:** Association Of Law Enforcement Intelligence Units (LEIU) [mailto:LEIU@doj.ca.gov]
> **Sent:** Wednesday, October 30, 2019 8:31 AM
> **To:** Huchowski, kerra (POL) <kerra.huchowski@pol.state.ma.us>
> **Subject:** A Publication of the LEIU Executive Board - The Source



The LEIU Source is a weekly news publication brought to you by the LEIU Executive Board.

Each Wednesday, we share with you a few of the articles or intelligence-based publications that have come across our desk. We are exicted to see, each week, Law Enforcement Officers, Analysts and Administrators from around the world reading this.

If you have a publication or an article that you feel needs to be shared, please send these to IntelligenceAnalysis@mac.com for review.

If you feel others at your department would benefit from receiving this publication, please forward this email. At the bottom of this publication is a link where they can add their email to the distribution list.

Wednesday 10/30/19

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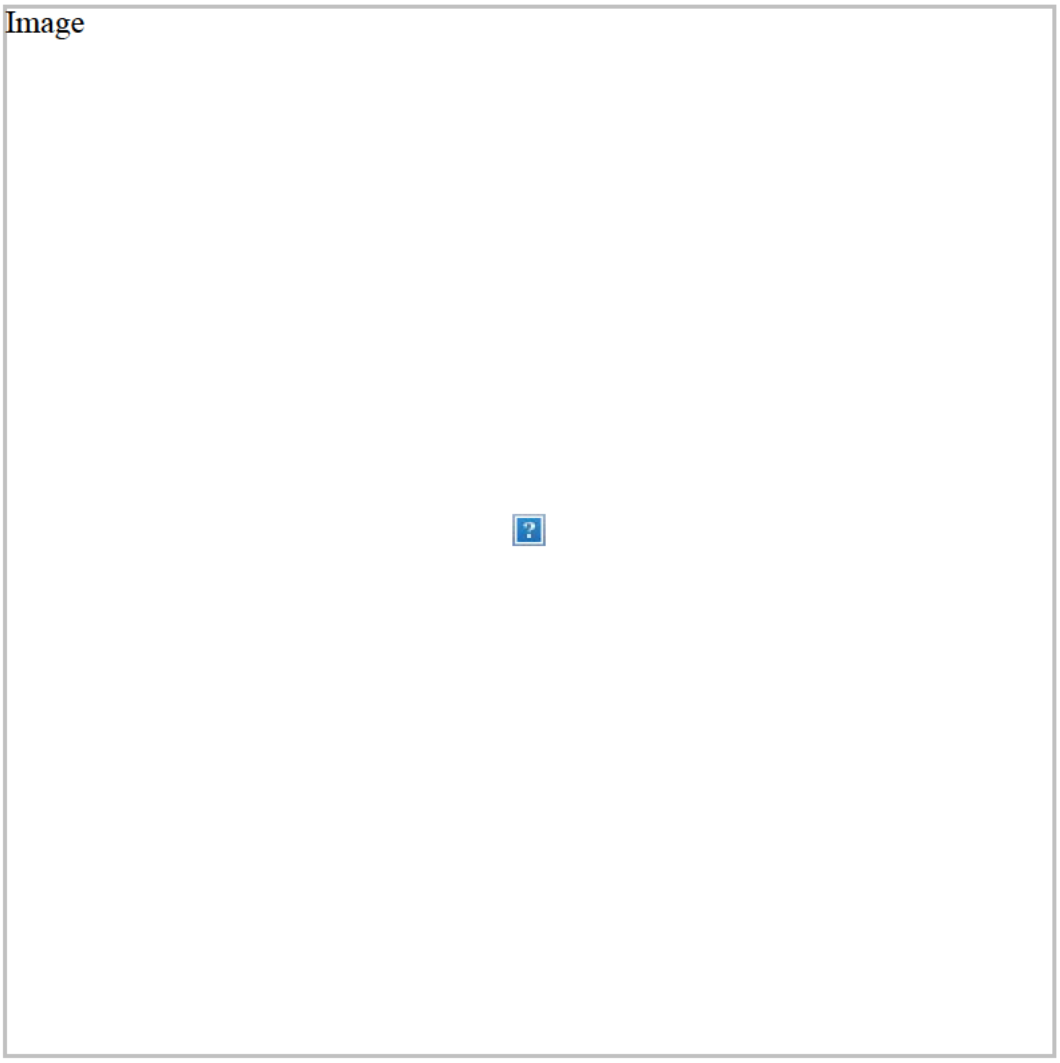
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Click Here For LEIU 20/20 Flyer

BAE wins open source intelligence

contract from the Army



The Army has awarded BAE Systems a $437 million task order for open source intelligence support, the company announced Oct. 15 during the 2019 Association of the United States Army conference.

As part of the task order, BAE Systems will provide the Army and Army Intelligence & Security Command (INSCOM) approved partners with open source solutions to publicly available data.

“We’re proud to continue to partner with the U.S. Army and support their critical national security missions with this new capability,” Peder Jungck, vice president and general manager of BAE Systems’ intelligence solutions business.

The company won the initial award of the five-year task order and began ramping up in August, Jungck said. The task order is an extension of projects the company has been doing for the

Army, but this is the first time the work been consolidated and awarded as a larger contract, he explained.

“If you look at contracts in general around OSINT there’s been kind of small ones, there’s been lots of pilots out of agencies and even within the Army and throughout INSCOM there were different kind of brigades and battalions that had their own set of tools," he said. "This is one of the first of the really large OSINT and AI consolidation contracts. I don’t think anybody’s really had a large one like this.”

Calif. police stand by cop after video released in 2017 OIS of murder suspect

Image

FRESNO, Calif. — Community activists are expressing outrage after seeing video footage that shows a Fresno police sergeant fatally shooting an unarmed 16-year-old boy as he fled during a

foot pursuit.

Meanwhile, the local police union and supporters of law enforcement have stepped up in support of the sergeant, saying he acted within guidelines while pursuing a murder suspect.

The footage shows Sgt. Ray Villalvazo firing a single shot into the back of Isiah Murrietta-Golding's head, according to a lawsuit filed on behalf of the teen's family.

The video was captured on a surveillance camera at a daycare facility on April 14, 2017, and was released by attorney Stuart Chandler, who's representing the family of Murrietta-Golding. The boy's family alleges the sergeant used excessive and unlawful deadly force, and committed assault and battery with negligence.

Additionally, in footage released from a police officer's body camera, one officer is heard shouting "good shot" as officers handcuff and search the already prone Murrietta-Golding.

Asia has an organized-crime problem. Canada is well placed to help

Image

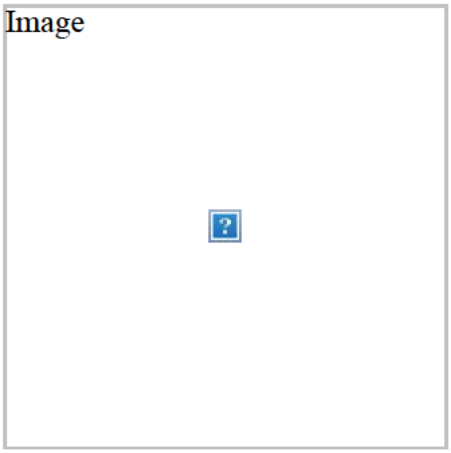
Jeremy Douglas is the regional representative for the United Nations Office on Drugs and Crime (UNODC) for Southeast Asia and the Pacific and a former UNODC representative for Pakistan. The opinions expressed in this commentary are his.

More than a few eyebrows went up last week when Tse Chi Lop – a 55-year-old Canadian man – was accused of being arguably the biggest drug trafficker in the history of Asia.

Mr. Tse is suspected – by police in Myanmar, Australia and Taiwan, and by the United Nations Office on Drugs and Crime (UNODC) – of being the leader of Sam Gor, or Brother Number Three, a supersyndicate largely responsible for the dramatic shift in recent years in organized crime away from drugs such as heroin and toward synthetics, such as methamphetamine, ketamine and fentanyl. It's a shift that has been driven by control and profit, since synthetics offer many advantages to

criminal organizations: Labs can be quickly set up or moved; they are not subject to external conditions such as climate, nor do they require large work forces; and production can be rapidly scaled up to drive the market. Put these things together and it means the disruption of the traditional drug business and the heavily concentrated profits that come with it.

Florida Senator Rick Scott Announces Legislation To Address 'FBI Failures' Regarding Parkland Shooting



MIAMI (CBSMiami) – Florida Senator Rick Scott announced legislation Thursday to hold the Federal Bureau of Investigations accountable for its 'failures to address critical deficiencies in its handling of actionable intelligence' in regards to the mass shooting at Marjory Stoneman Douglas High School in 2018.

The 'Threat Information Protocol for Sharing (TIPS) Act' is supported by Stand with Parkland, an organization founded by the family members of the victims of the Parkland shooting.

"Not a day goes by that I don't think about the 17 souls that were taken from us in a brutal act of violence at Marjory Stoneman Douglas High School. Following the tragedy, we all worked together to pass the Marjory Stoneman Douglas High School Public Safety Act to make our schools safer and prevent future tragedies, but we aren't finished. We cannot

accept the repeated failures of the FBI to properly investigate and act on specific tips received about the Parkland shooter, as well as other perpetrators of mass violence in Florida. I'm proud to stand with the family members of the victims to announce the TIPS Act, which bridges the gap between federal and state law enforcement agencies by mandating information sharing of all state-specific criminal intelligence tips. This is about getting information on threats into the hands of the right people, who can ultimately prevent violence and protect our families," Scott said.

Majority of Mexicans Say Organized Crime Stronger than Government after El Chapo's Son Released

Image

A majority of Mexicans see organized crime as more powerful than the Mexican government after government forces capitulated to drug-cartel strongmen and released the son of the former cartel leader Joaquín Guzmán, known as “El Chapo.”

About 56 percent of Mexicans say they believe organized crime is stronger, while only 33 percent say the government is stronger, according to a poll by the Mexican newspaper Reforma.

Mexican authorities were forced on Thursday to release Ovidio Guzmán López, El Chapo’s son, shortly after capturing him, when the Sinaloa cartel laid siege to the city of Culiacán and surrounded Mexican troops, taking eight soldiers hostage. Officials said at least 14 people died during the clashes between cartel members and Mexican soldiers.

49 percent of respondents in the Reforma poll disagreed with the decision to release López, while 45 percent said they supported it. Residents of Culiacán expressed relief that the government had surrendered, saying the decision prevented further violence.

Mexican lawmen get FBI training to combat organized crime, terrorism

Image

JUAREZ, Mexico — Three Chihuahua state lawmen recently completed intelligence and intervention training courses sponsored by the FBI, according to the State Security Commission.

Alvaro Serrano Escobedo, the commission's operations

director, received training on anti-terrorism, intelligence gathering, leadership and the combat of organized crime at FBI headquarters in Quantico, Virginia. The training is part of the FBI's Mexican Law Enforcement Executive Development (MEXLEED) program, the commission said in a news release.

Ginés Jaime Ruiz García, first officer of the Chihuahua State Police, and Jesús Alejandro Cruz Rangel, who heads rural operations for the agency, attended the FBI's Mexican American Liaison and Law Enforcement Training (MALLET) program in South Padre Island, Texas, the commission said.

The three lawmen were among 30 duly vetted Mexican officials chosen by the FBI for training this year, the commission said.

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63 accused drug dealers plead guilty in heroin, fentanyl and cocaine trafficking rings

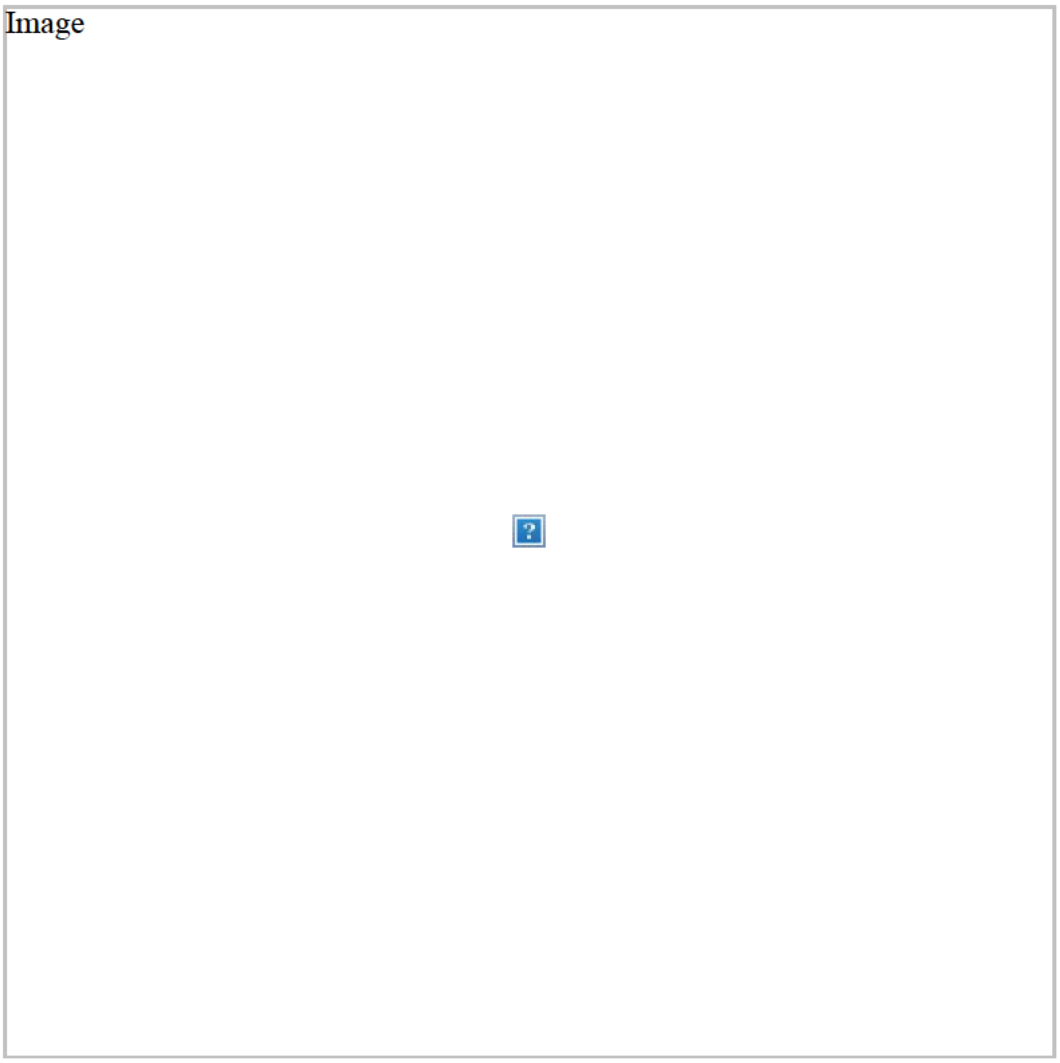
Image

SYRACUSE — New York State Attorney General Letitia James has announced the guilty pleas of 63 people for their roles in two major narcotics trafficking operations that transported heroin, fentanyl, and cocaine to Onondaga, St. Lawrence, Oswego, Oneida, and Jefferson counties.

The investigation resulted in the recovery of approximately 4,700 bags of heroin and fentanyl, worth approximately $140,000, and approximately 2 kilograms of cocaine, worth more than $200,000, according to a news release from the Attorney General's office.

"These individuals flooded our communities with dangerous drugs that are putting New Yorkers at great risk," said Attorney General Letitia James in the news release.

House bill would give border agents tool to detect synthetic opioids



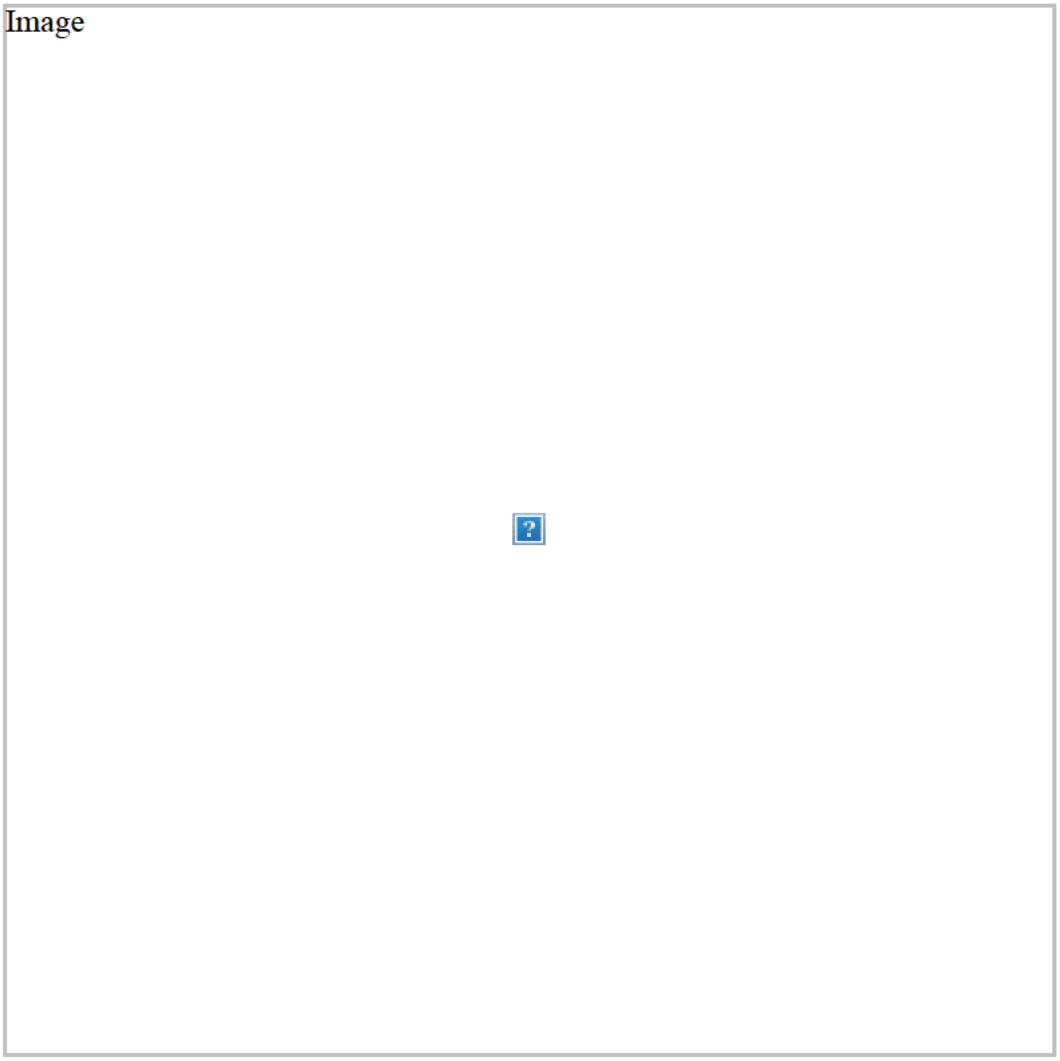
A bill that would give U.S. Customs and Border Protection (CBP) agents the equipment to detect synthetic opioids has been introduced in the U.S. House.

The DHS Opioid Detection Resilience Act of 2019 requires the Commissioner of CBP to procure chemical screening devices that allow border patrol agents to identify narcotics, including synthetic opioids, with purity levels of less than 10 percent. A 2018 study by the Drug Enforcement Administration (DEA) found that most fentanyl seized at the southwest border tends to be less than 10 percent pure. These changes would fill the gap that currently exists in identifying these synthetic opioids.

“Stopping the flow of illegal drugs across our southern border and at ports of entry is a top priority for our CBP law enforcement officers. This includes fentanyl and other synthetic opioids that can be difficult to detect. Our legislation ensures that DHS has the necessary equipment to detect synthetic opioids and the ability to adapt as smuggling methods evolve. We want to prevent this poison from ever reaching American communities, and our bill helps law enforcement carry out that mission,” Rep. Clay Higgins (R-LA), the bill’s sponsor, said.

Teens brawl with police in Brooklyn subway station

Image



BROOKLYN, N.Y. – A video showing members of the NYPD

trying to break up a fight and instead ending up in an all-out brawl with a mob of New Yorkers has gone viral… and media outlets were quick to condemn the cops who were involved.

The Post said that the incident unfolded on Saturday morning around 2:30 a.m. as officers responded to the scene of a fight on the platform of a subway station. The fights had originally began up on Jay Street between two groups of people before the violence spilled down into the station.

Cell phone video captured at the scene shows officers rush into the area and try to pull the brawling teens apart, attempting to put one of the suspects in handcuffs. Other individuals on the outside of the skirmish appear to be pulling the officers away.

The heartbreaking final text this human trafficking victim sent before dying in UK truck

Image

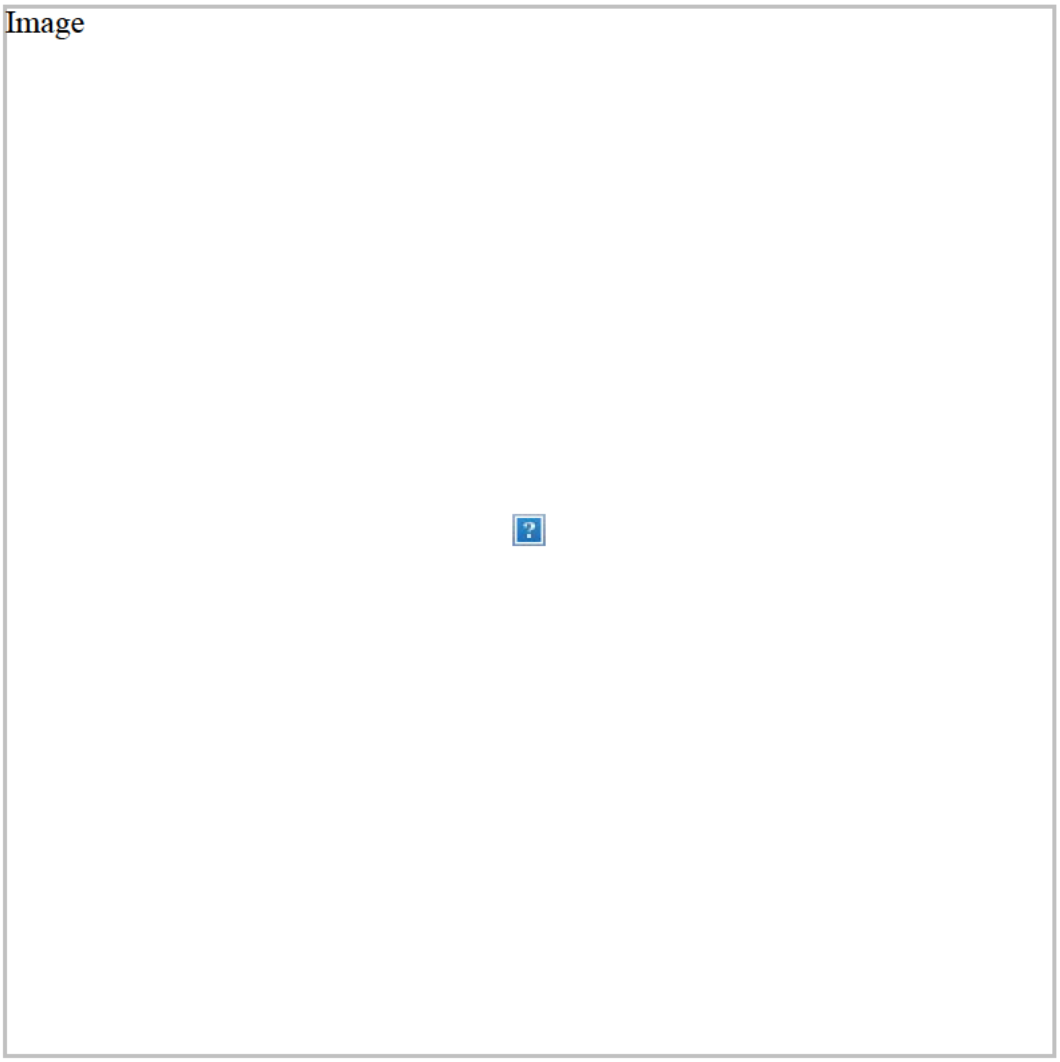
A 26-year-old Vietnamese woman texted her mom frantically that she was suffocating in the truck in which the bodies of 39 people were found in England — and apologized that her journey to a better life ended tragically, according to a report.

“I’m sorry Mom, my path to abroad didn’t succeed,” Pham Thi Tra My wrote in a series of messages about 10:30 p.m. Tuesday, according to the Mirror.

“Mom, I love you and Dad so much! I’m dying because I can’t breathe,” she added.

News about the young woman’s final moments emerged as two more people were arrested after eight women and 31 men were found dead Wednesday in a case that has shocked Britain and made headlines around the world.

Labor Trafficking Is A Crime You Probably Don't Notice



It has been more than four years since Catherine Piedad called 911 from a $1.7 million home in Newton.

In 2015, she worked long hours to care for a Russian family's young twins. Her passport was taken, and she slept in a small room with little light and nowhere to store her clothes. When she asked to be paid, her employer threatened to send her back to the Philippines. She feared deportation and did not know who to trust.

Despite her fear, she called 911. Law enforcement helped her

to leave the family's home but did little else. They did not see her case as "labor trafficking." Instead, the incident was labeled a "labor dispute." Piedad struggled to access her rights — despite the robust federal and state laws designed to protect her.

You've probably heard of sex trafficking, which often involves perpetrators who force, trick or coerce victims into sexual servitude. Although difficult to see, sex trafficking is often visible to law enforcement through the internet: perpetrators sometimes leave a footprint online, which can provide a critical entry point for criminal investigations.

The Mafia's history in Las Vegas: From Bugsy Siegel to Anthony Spilotro

Image

Benjamin “Bugsy” Siegel had been at the helm of the Flamingo for only six months in June 1947 when he was killed in a hail of gunfire at his girlfriend’s Beverly Hills, Calif., home.

But his vision for the Flamingo, the first resort-style hotel on the Strip, was the beginning of a 50-year relationship between Las Vegas and traditional organized crime that helped define “Sin City”and turn it into one of the world’s top tourist destinations.

“The general perception on the part of the public is that Las Vegas and the mob have been inextricably linked, and I don’t think it will ever be extricated,” former longtime state archivist Guy Rocha says.

Groundbreaking books such as “The Green Felt Jungle” in 1963, which revealed the mob’s early grip on the city, and popular movies such as “The Godfather” in 1972 and “Casino” in 1995 enhanced this perception through the years.

So did the buzz on the Strip over the Rat Pack, led by headliner Frank Sinatra and his associations with high-profile underworld figures.

New Bill To Bring Illegal Gambling In California Closer To An End

Image

Gambling in the US, as well as in the whole world, is one of the most entertaining and lucrative endeavors. Not only does it provide fun and joy to the players, but it also offers an opportunity to make a fortune.

The gambling operators all around the world are doing everything they can to attract new customers. From online free spins for Australians to no deposit bonuses and other promotions in other countries, casino operators are full of such impressive offers.

However, the industry isn't just this fairy-tale source of joy and money. It also has its drawbacks. With problem gambling, organized crime, and money laundering prospects, gambling has long been considered threatening to society.

That's the reason why the US government, alongside other

governments worldwide, have been eager to put the industry under the limitations and protect the interests of their citizens. With the regulatory restrictions and measures, the government officials have deemed ill-gotten gains illegal and contributed to ending gambling-related crime.

Best true-crime books of all time

Image

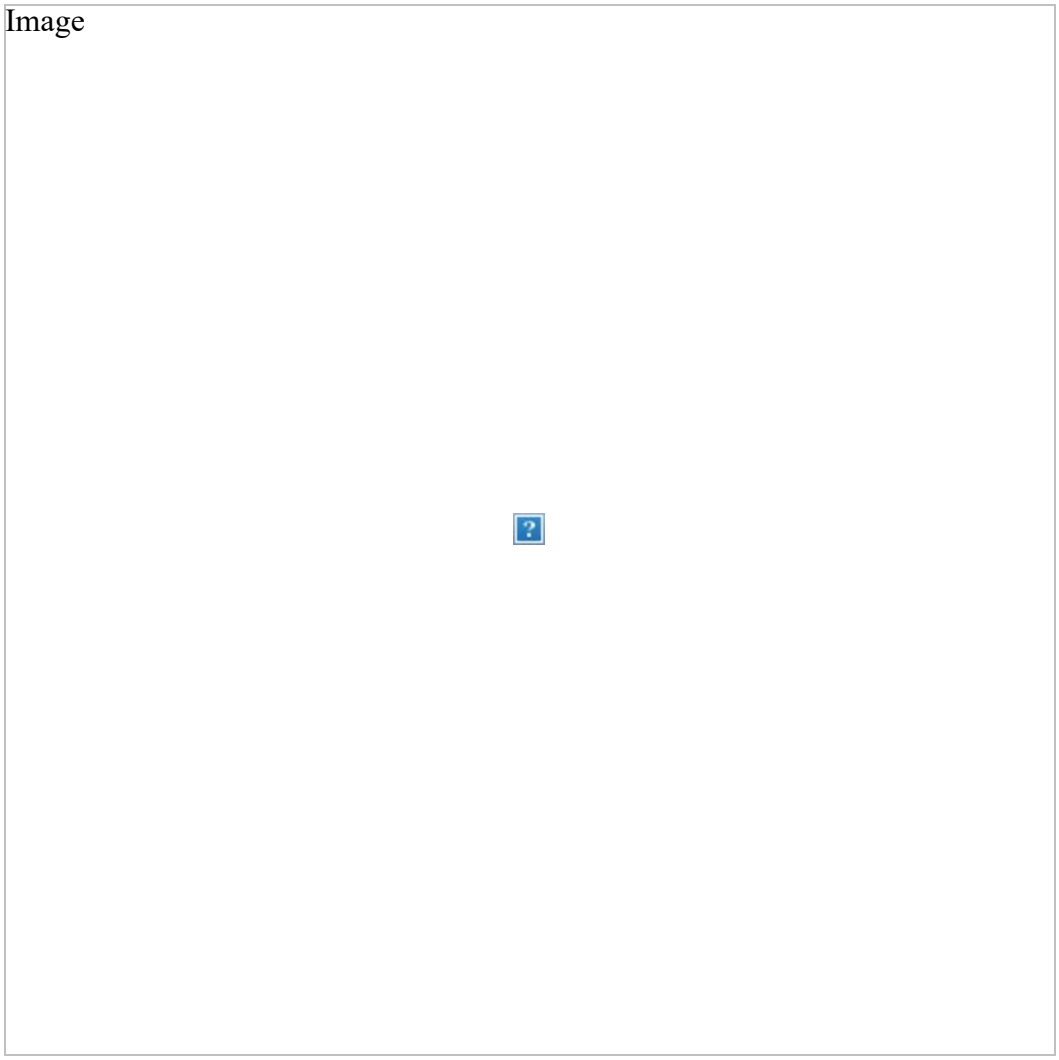


Terrifying tales are not the domain of fiction alone. If you are in search of bone-chilling scares, we recommend you turn to true crime. The key word being true. That's right, no imagination needed. Including stories about such horrific figures as Charles Manson and Ted Bundy, Goodreads compiled a list of the top 10 true-crime books

of all time based on the lists, reviews and ratings of their more than 90 million members.
AP

How a Facebook Crime Page Led to Arrest of N.C. Woman in Cold Case Killing of Sister-in-Law

Image



A Facebook page devoted to the murdered, missing or miscreant residents of western North Carolina is being credited with helping authorities bring charges in the 15-year-old cold-case killing of a missing mom of four, allegedly at the hands of her sister-in-law.

The tip that led authorities to a “shallow grave” containing the remains believed to be those of 29-year-old Deborah Elaine Deans “proved to be very accurate and very reliable,” Nash County Sheriff Keith Stone told reporters last week.

But the tipster did not go to police at first.

Instead, the unidentified person sent information about the alleged crime to a woman who created and runs a Facebook page called Fighting Crime News and Who’s Wanted, an online outlet whose updates range from wanted posters to promotions of local elections and warnings about traffic tie-ups.

On October 20, a re-post about the unsolved missing-person case of Deans — who was last seen around 9 a.m. on January 19, 2004, at a residence on Wiley Road in Spring Hope — elicited a “very detailed” response that was forwarded to authorities by the Facebook page creator, said Nash.

Google Maps Adds ability to see speed limits and speed traps in 40+ countries

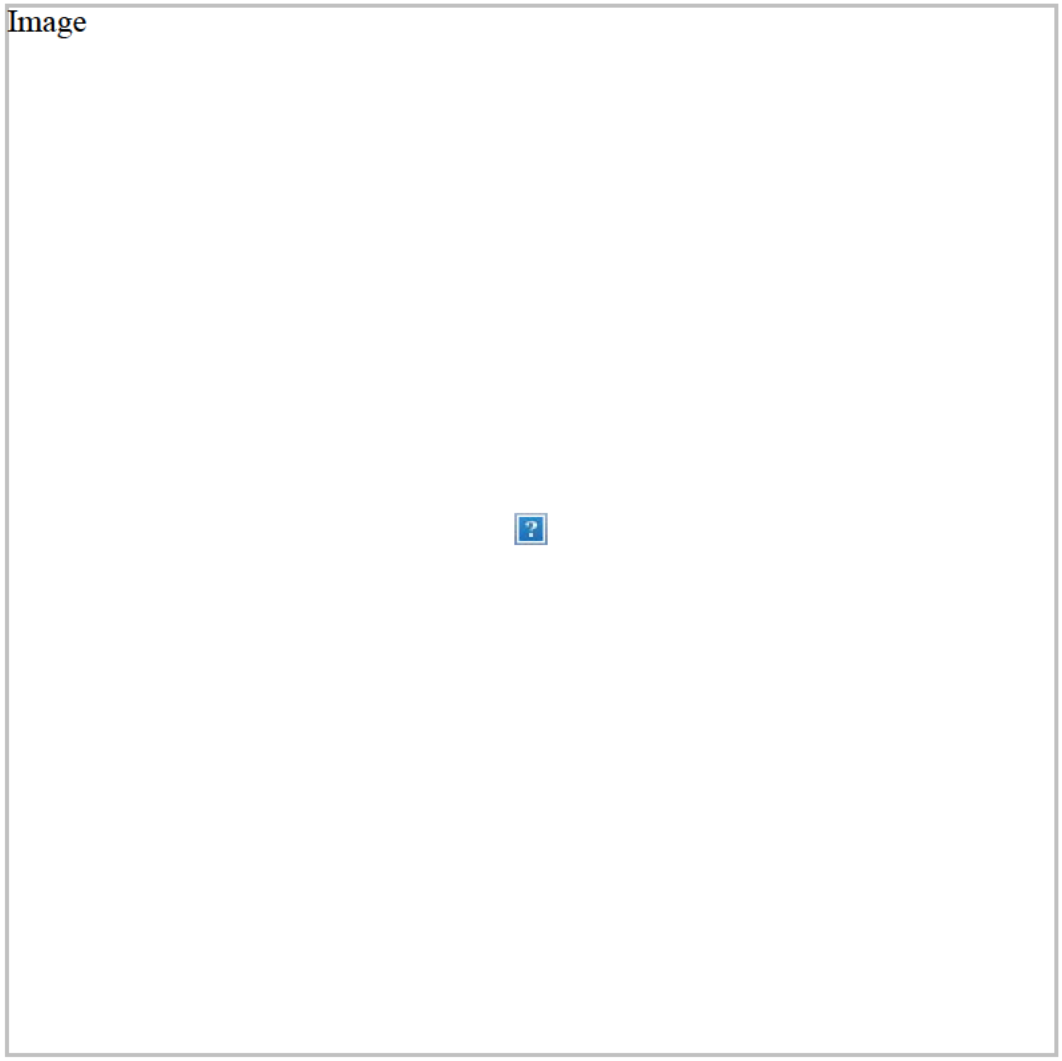
Image

Google Maps is gaining some features previously exclusive to Google's navigation app, Waze. The company confirmed it's rolling out the ability for Google Maps users to see speed limits, speed cameras and mobile speed cameras in more than 40 countries worldwide — an expansion of its earlier launch of these features, which were previously limited to select markets.

The change was noted earlier by ZDNet and, of course, Reddit.

Google confirmed with TechCrunch the full list of supported countries now seeing the speed cameras, which currently includes: Australia, Brazil, U.S., Canada, U.K., India, Mexico, Russia, Japan, Andorra, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, Greece, Hungary, Iceland, Israel, Italy, Jordan, Kuwait, Latvia, Lithuania, Malta, Morocco, Namibia, Netherlands, Norway, Oman, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, South Africa, Spain, Sweden, Tunisia, and Zimbabwe.

The Ethics Board of One of the Largest Vendors of Police Tech (Axon) Makes the Case Against ALPRs



Automated License Plate Readers (ALPRs)—a mass surveillance technology that allows law enforcement to record the location and travel patterns of nearly every driver on the road—are poorly regulated, threaten privacy, and worsen the racial and economic inequalities already ingrained in our justice system.

That's what EFF and other advocates have been saying for years. But now it's coming from an oversight body formed by one of the nation's largest police tech vendors.

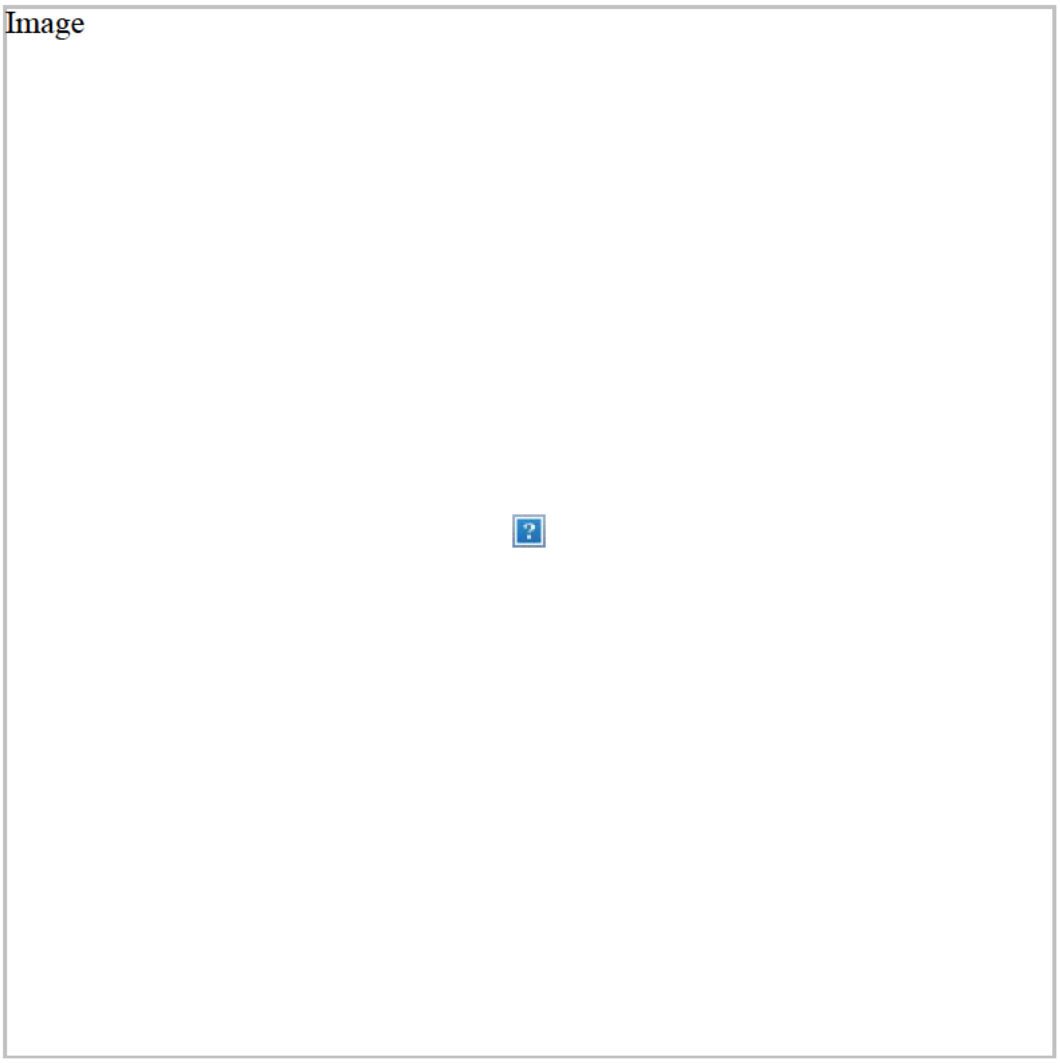
Last week, the AI and Policing Technology Ethics Board at

Axon, a tech company best known for popularizing body-worn cameras and the Taser, released a damning report concerning the commercial sale of ALPRs. The board, whose purpose is to “help guide and advise the company on ethical issues,” concluded that while it sees the potential value of ALPRs, their current role in society is too broad and problematic. The sheer amount of information that ALPRs gather and store was also a concern for the ethics board—particularly when privately collected data is often for sale to whoever wants to buy it.

ALPR systems include cameras that can be mounted on vehicles like police patrol cars or private tow trucks, or on stationary locations such as streetlights or overpasses. These cameras capture every license plate that passes and index them based on time, date, and location. A police officer can search ALPR databases to learn where a vehicle was in the past or even get real-time alerts when a driver passes by an ALPR camera. Research by EFF, MuckRock, and others have found that even small police departments are able to collect millions of plate scans a year, and often agencies are sharing this data with hundreds of other agencies across the country. Private companies also use ALPR and sell their data to police, financial lenders, insurance companies, private investigators, and debt collectors.

Amazon's Ring is 'the Neighborhood Watch of 2020,' police say as doorbell cams proliferate

Image



That's all it took Livonia Police to arrest a man, who hours earlier was caught on video posted on Ring's Neighbors app rummaging through the bed of a pickup parked in a driveway.

Detectives quickly recognized 60-year-old Jeffrey Couch when they saw the video posted by an app user in mid-August. Within a week, he pleaded no contest in court to two attempted larceny charges and was sentenced to 30 days in jail.

"I truly believe this is the Neighborhood Watch of 2020," said Livonia Police Capt. Ronald Taig, whose force was one of the first law enforcement agencies in Michigan — and is one of more than 400 across the country — to partner with the Ring Neighbors app, owned by Amazon.

How the deadly drug fentanyl is making its way to the US

Image



Trump administration officials are divided over part of a proposal to crack down on illicit versions of fentanyl, the deadly synthetic painkiller that President Donald Trump targeted in declaring a national opioid abuse emergency.

In an inter-agency dispute that highlights the challenges of curbing opioid abuse, the US Drug Enforcement Administration (DEA) is publicly backing tighter rules for fentanyl analogs, which are slightly altered copycat versions of the powerful drug fueling an explosion in overdoses.

In this case, the bill would cut the Food and Drug Administration out of the time-consuming review process by

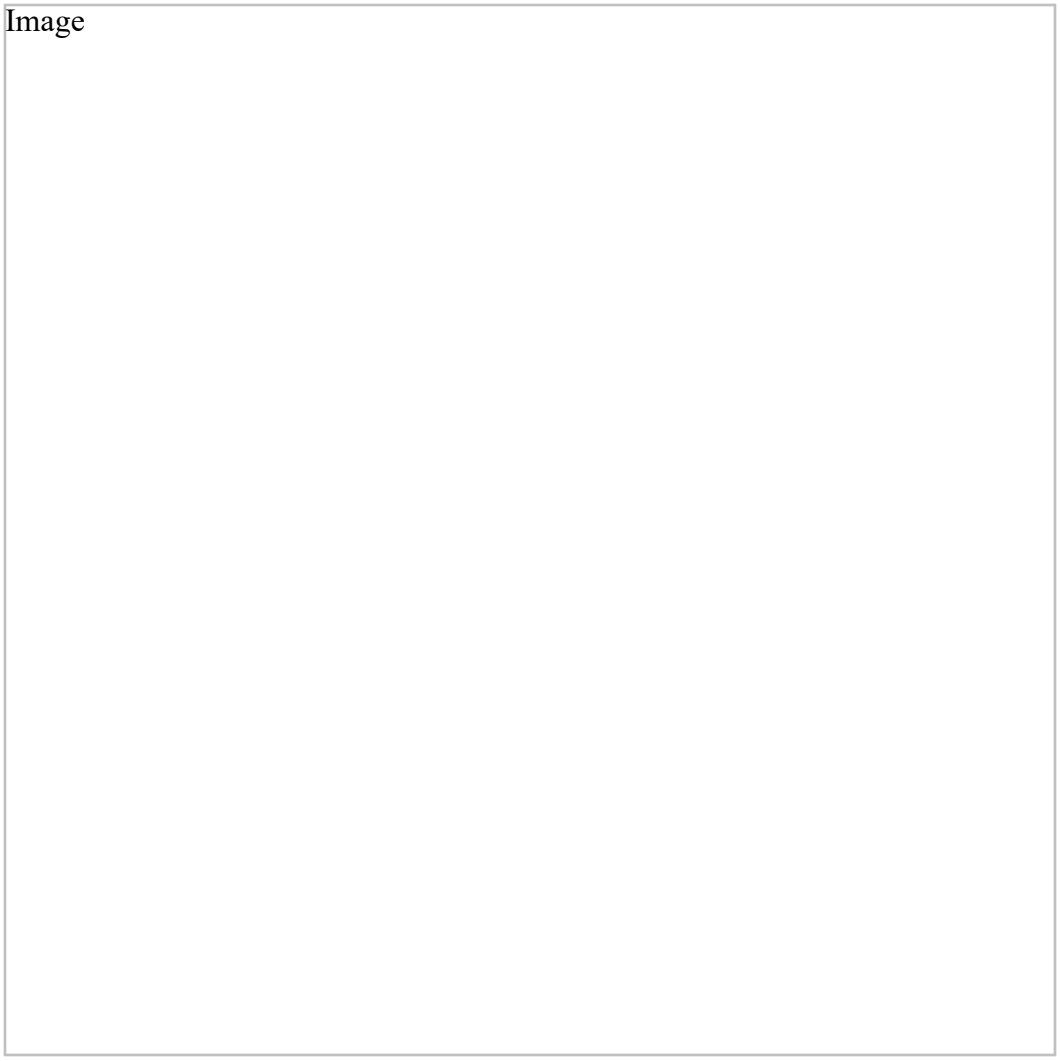
letting the DEA permanently classify illicit fentanyl analogs as Schedule I drugs, like heroin, which are deemed to be addictive with no medical use.

The DEA says these legal changes would help prosecutors keep pace with criminals who constantly churn out chemically tweaked fentanyl analogs to evade strict Schedule I regulations.

Of 70,200 US drug overdose deaths in 2017, according to the CDC, about 41% involved synthetic opioids, such as fentanyl and illicit analogs of it. Most of them are made in China.

Fentanyl, some versions of which are approved to treat cancer pain, is 100 times more potent than morphine.

Trump Orders Study of Root Causes of Crime, Policing Practices



President Trump on Monday ordered Attorney General William Barr to establish a new commission to study crime and law enforcement with the goal of recommending “actions that can be taken to prevent, reduce, and control crime, increase respect for the law, and assist victims.”

Following remarks in Chicago at the annual International Association of Chiefs of Police conference, the president signed an executive order establishing the Commission on Law Enforcement and the Administration of Justice. The commission will study the influence of substance abuse, homelessness and mental illness on crime as well as examine best practices to recruit, train and support law enforcement, among other things.

“Rigorous study of crime, including its causal factors, and current law enforcement practices is essential to assessing our

current criminal justice system's merits and opportunities for improvement," the executive order stated. "Public safety and proper policing are issues of both national and local significance that continue to require the close cooperation and coordination between the Department of Justice and state, local, and tribal law enforcement."

Quality Afterschool Programs Proven to Reduce Crime

Image

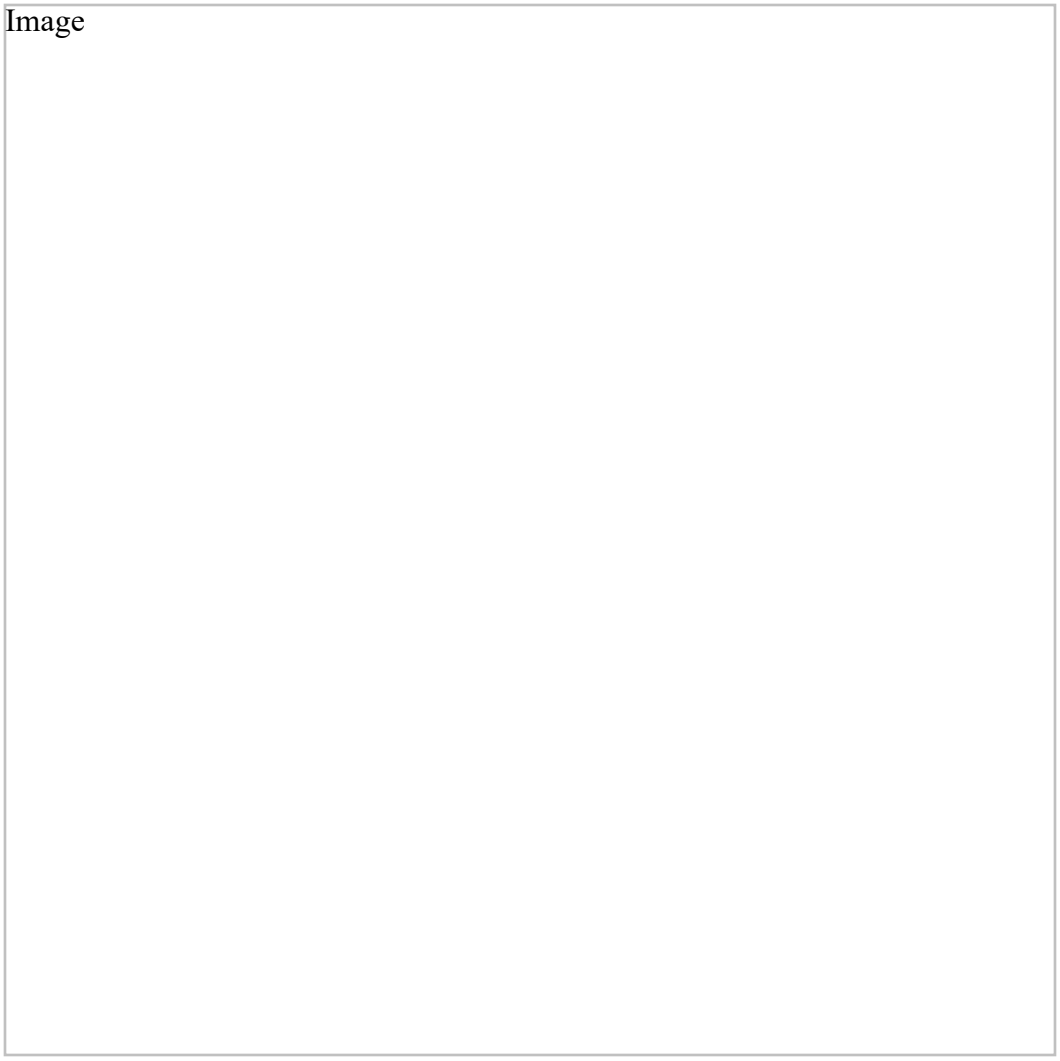
As a member of your District Attorney's Office for almost 30 years, and your DA for nearly 10, I've learned that the hours after school lets out are the prime time for juvenile crime.

It is between these hours of 2 to 6 p.m. that youth are more likely to be arrested for assault, theft and drug-related crimes.

Quality afterschool programs have been proven to reduce these crimes in our community, keep students engaged, and improve academic performance and student behavior.

A new report from Fight Crime: Invest in Kids shows that when youth have access to high-quality, affordable afterschool programming, they benefit immensely from homework help and outdoor activities, and they're less likely to commit or become victims of crime.

Australia's government is floating an idea to scan internet users' faces before they can watch porn online



Australia's Department of Home Affairs has touted an idea to use facial recognition software in order to verify internet users ages before they can access pornography or gambling websites.

In its parliamentary submission, the department says that its Document Verification Service and Face Verification Service — though broadly intended to be used as systems for fighting crime and identity theft — could also be used by police for age verification controls.

"This could assist in age verification, for example by preventing a minor from using their parent's driver licence to circumvent age verification controls," the submission states.

"Whilst they are primarily designed to prevent identity crime, Home Affairs would support the increased use of the

Document and Face Verification Services across the Australian economy to strengthen age verification processes."

Police turn to hackers in Australia's first crowdsourced attempt to find missing people

Image



For decades the traditional 'missing person' poster has been used to enlist the community's help to find individuals who may be in danger.

But with more than 2,600 Australians now listed as a "long-term" disappearance, the federal police are trying what they hope will be a more successful tactic: turning the search into a

game.

More than 350 internet sleuths and "ethical hackers" — hobbyists and professionals — gathered at 10 locations around the country on Friday in a national missing-persons "hackathon".

The aim was to generate leads for 12 of Australia's most frustrating cold cases, using sophisticated but legal methods of trawling the internet.

And organisers said the results were astounding: 100 leads were generated every 10 minutes the competing teams worked.

Police overseas have used crowdsourcing in the past for help with isolated cases, aided by these largely voluntary "open-source intelligence" (OSINT) enthusiasts.

But Linda Cavanagh, of the Canberra Cyber Security Innovation Node, said the Australian event was the first of its kind to be deployed on a national scale.

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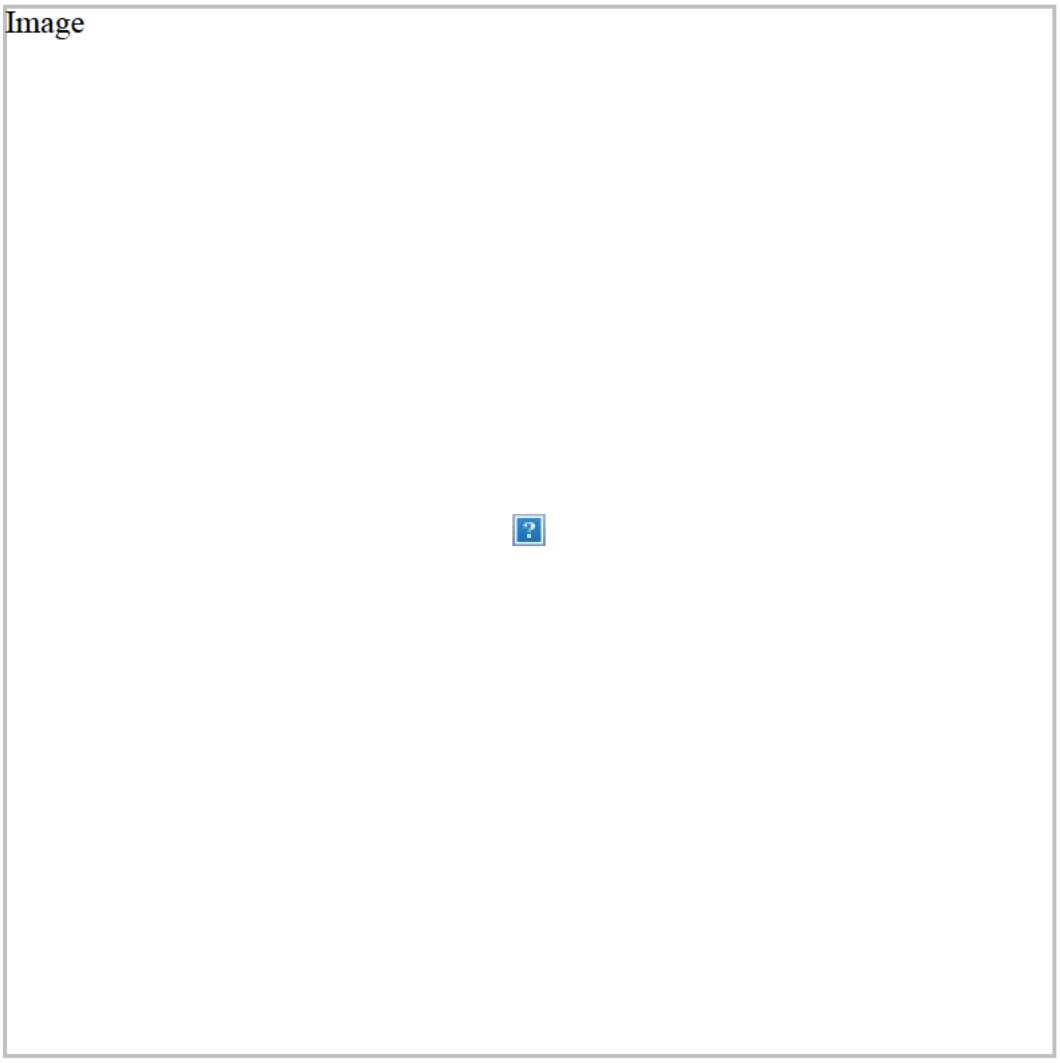
10 of the Best Tools to Find Relevant Influencers on Social Media

Image

While it's become a much bigger consideration in recent years, influencer marketing, as a practice, has actually existed for a very long time. In the past, however, influencers were only on TV or in magazines, and unlike social media, TV and newspapers are limited, which led to a situation where a select number of celebrities were able to charge tons of money for making an ad for Pepsi or Swatch in order to influence consumer behavior.

With the birth of social platforms, everything changed. The Internet has no limits, there can be as many influencers as the world requires. They can be of any age and social status, and in any area of expertise (or no area of expertise). And they can work with any brand.

How Your Volunteering Trip Could Contribute To Human Trafficking



The advent of cheap air travel and Instragammable holiday photos, combined with a longing for meaning, has created a new breed of traveler: the voluntourist. This ever-growing trend describes people, most often young and affluent Westerners, who travel to the global South to help with community projects.

While no doubt sweetly intentioned, there is considerable concern over the fad of “voluntourism” and whether it does more harm than good for the communities in developing countries – especially when it involves children or work at an orphanage. On the surface of the problem, it’s questionable whether treating the developing world as a playground is an effective model to address systemic poverty and care for vulnerable children.

An anthropological study published in the Journal of Sustainable Tourism has shown how volunteer programs can actually contribute towards a superficial understanding of poverty that distracts from the larger systems that produce inequality and poverty. Through a series of in-depth interviews with young people from the US who volunteered in Malawi, they found their volunteer work was often carried out through a colonial and “mythologized” image of a helpless Africa needing the benevolence of the West. The volunteers also viewed African poverty in terms of the “American Dream” and the idea of pulling oneself out of poverty through hard work, as opposed to deep-rooted economic, social, and historical factors at play.



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If you have an article you would like to see featured in this publication please contact Brian Gray at intelligenceanalysis@mac.com

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This email was sent to kerra.huchowski@pol.state.ma.us.

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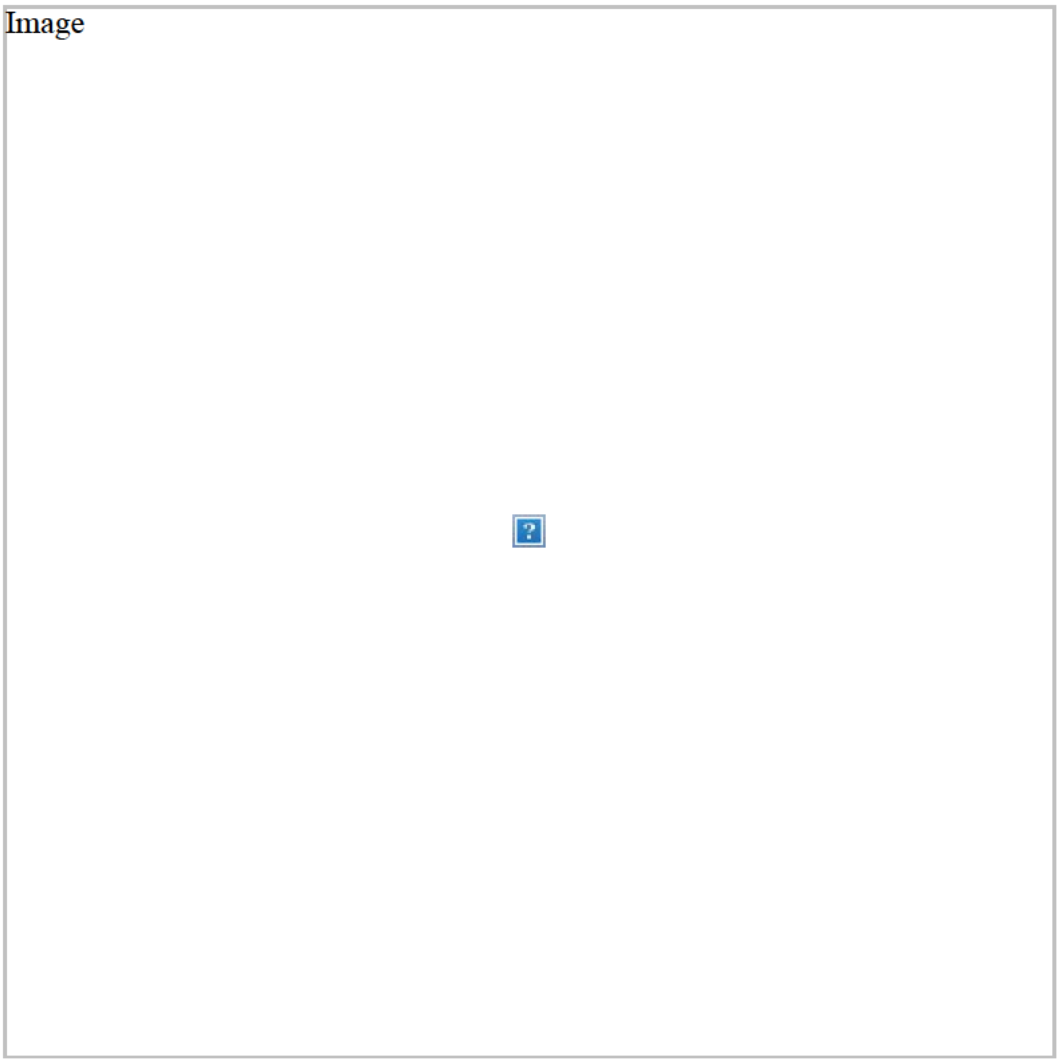
From: mark.frenzo@pol.State.MA.US
To: Huchowski, kerra (POL)
Bcc: Frenzo, Mark (POL)
Subject: Re: A Publication of the LEIU Executive Board - The Source
Date: Thursday, October 31, 2019 2:15:06 PM

Thanks Kerra

Sent from my iPhone
Detective Lieutenant MR Frenzo #2177
Unit Commander
SSS / Organized Crime Unit
Massachusetts State Police

On Oct 31, 2019, at 7:44 AM, Huchowski, kerra (POL) <kerra.huchowski@pol.state.ma.us> wrote:

> Good Morning,
>
> Listed below are various different articles about organized crime, including one about the Las Vegas Mafia. Other articles stem around OC in Asia, Canada and of course El Chapo and drugs. Happy reading and Happy Halloween!
>
> I will be in DC next week.
>
> -Kerra
>
> ---
>
> **From:** Association Of Law Enforcement Intelligence Units (LEIU) [mailto:LEIU@doj.ca.gov]
> **Sent:** Wednesday, October 30, 2019 8:31 AM
> **To:** Huchowski, kerra (POL) <kerra.huchowski@pol.state.ma.us>
> **Subject:** A Publication of the LEIU Executive Board - The Source



The LEIU Source is a weekly news publication brought to you by the LEIU Executive Board.

Each Wednesday, we share with you a few of the articles or intelligence-based publications that have come across our desk. We are exicted to see, each week, Law Enforcement Officers, Analysts and Administrators from around the world reading this.

If you have a publication or an article that you feel needs to be shared, please send these to IntelligenceAnalysis@mac.com for review.

If you feel others at your department would benefit from receiving this publication, please forward this email. At the bottom of this publication is a link where they can add their email to the distribution list.

Wednesday 10/30/19

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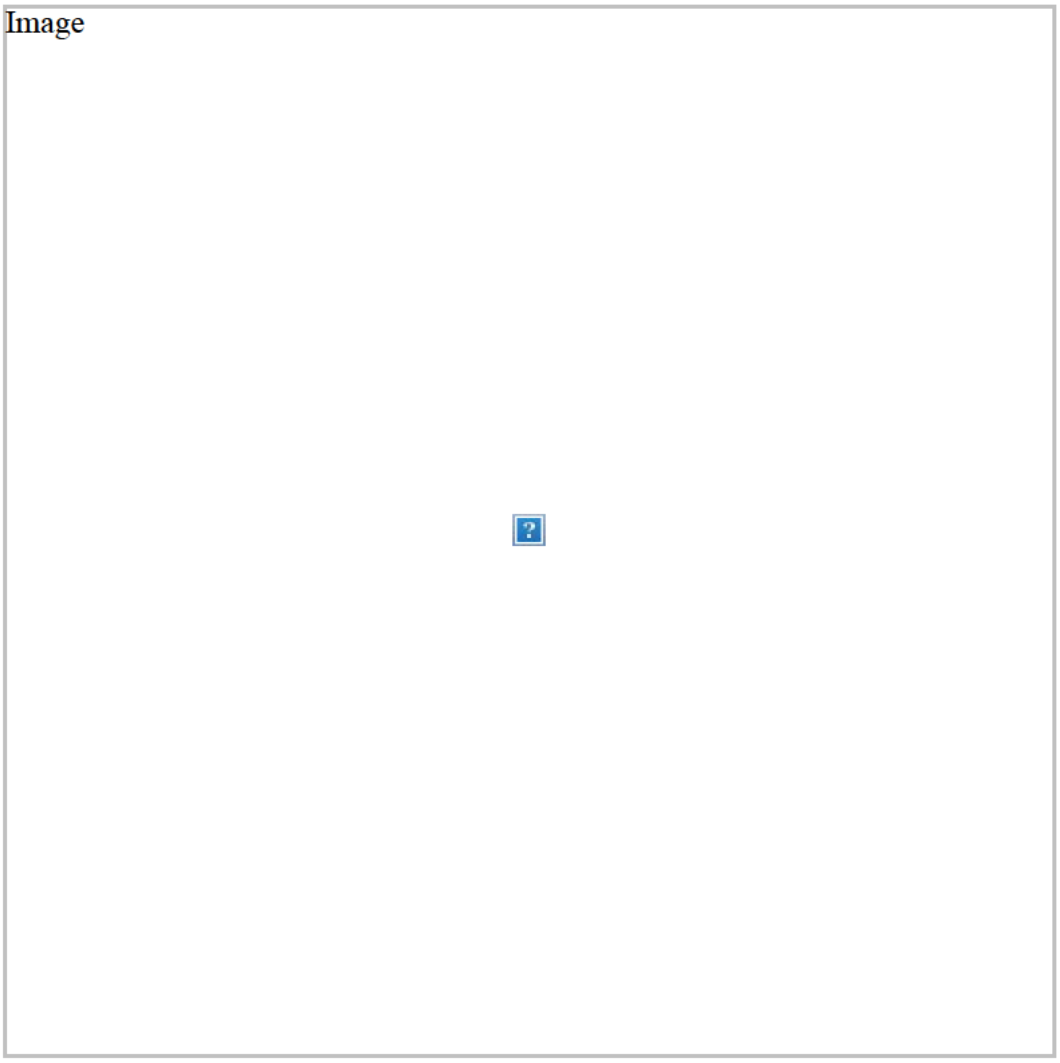
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[Click Here For LEIU 20/20 Flyer]

BAE wins open source intelligence

contract from the Army



The Army has awarded BAE Systems a $437 million task order for open source intelligence support, the company announced Oct. 15 during the 2019 Association of the United States Army conference.

As part of the task order, BAE Systems will provide the Army and Army Intelligence & Security Command (INSCOM) approved partners with open source solutions to publicly available data.

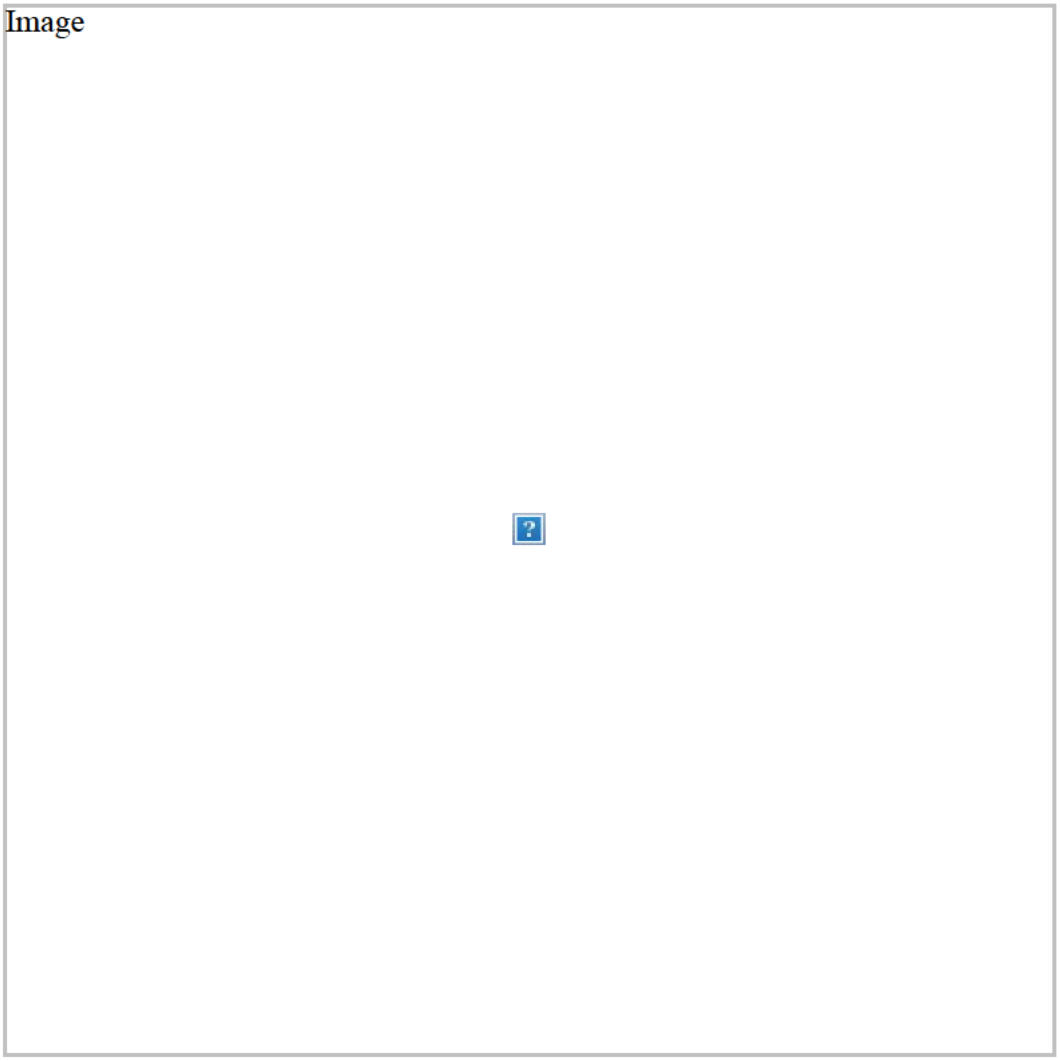
“We’re proud to continue to partner with the U.S. Army and support their critical national security missions with this new capability,” Peder Jungck, vice president and general manager of BAE Systems’ intelligence solutions business.

The company won the initial award of the five-year task order and began ramping up in August, Jungck said. The task order is an extension of projects the company has been doing for the

Army, but this is the first time the work been consolidated and awarded as a larger contract, he explained.

“If you look at contracts in general around OSINT there’s been kind of small ones, there’s been lots of pilots out of agencies and even within the Army and throughout INSCOM there were different kind of brigades and battalions that had their own set of tools," he said. "This is one of the first of the really large OSINT and AI consolidation contracts. I don’t think anybody’s really had a large one like this.”

Calif. police stand by cop after video released in 2017 OIS of murder suspect



FRESNO, Calif. — Community activists are expressing outrage after seeing video footage that shows a Fresno police sergeant fatally shooting an unarmed 16-year-old boy as he fled during a

foot pursuit.

Meanwhile, the local police union and supporters of law enforcement have stepped up in support of the sergeant, saying he acted within guidelines while pursuing a murder suspect.

The footage shows Sgt. Ray Villalvazo firing a single shot into the back of Isiah Murrietta-Golding's head, according to a lawsuit filed on behalf of the teen's family.

The video was captured on a surveillance camera at a daycare facility on April 14, 2017, and was released by attorney Stuart Chandler, who's representing the family of Murrietta-Golding. The boy's family alleges the sergeant used excessive and unlawful deadly force, and committed assault and battery with negligence.

Additionally, in footage released from a police officer's body camera, one officer is heard shouting "good shot" as officers handcuff and search the already prone Murrietta-Golding.

Asia has an organized-crime problem. Canada is well placed to help

Image

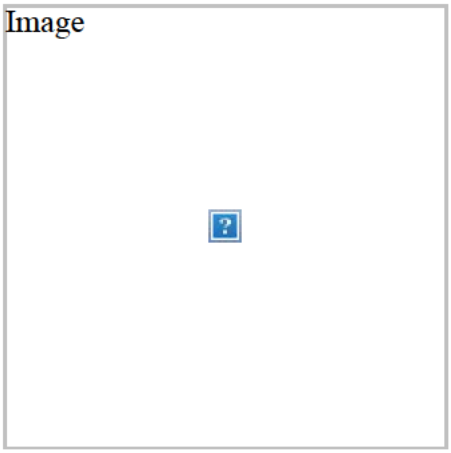
Jeremy Douglas is the regional representative for the United Nations Office on Drugs and Crime (UNODC) for Southeast Asia and the Pacific and a former UNODC representative for Pakistan. The opinions expressed in this commentary are his.

More than a few eyebrows went up last week when Tse Chi Lop – a 55-year-old Canadian man – was accused of being arguably the biggest drug trafficker in the history of Asia.

Mr. Tse is suspected – by police in Myanmar, Australia and Taiwan, and by the United Nations Office on Drugs and Crime (UNODC) – of being the leader of Sam Gor, or Brother Number Three, a supersyndicate largely responsible for the dramatic shift in recent years in organized crime away from drugs such as heroin and toward synthetics, such as methamphetamine, ketamine and fentanyl. It's a shift that has been driven by control and profit, since synthetics offer many advantages to

criminal organizations: Labs can be quickly set up or moved; they are not subject to external conditions such as climate, nor do they require large work forces; and production can be rapidly scaled up to drive the market. Put these things together and it means the disruption of the traditional drug business and the heavily concentrated profits that come with it.

Florida Senator Rick Scott Announces Legislation To Address 'FBI Failures' Regarding Parkland Shooting



MIAMI (CBSMiami) – Florida Senator Rick Scott announced legislation Thursday to hold the Federal Bureau of Investigations accountable for its 'failures to address critical deficiencies in its handling of actionable intelligence' in regards to the mass shooting at Marjory Stoneman Douglas High School in 2018.

The 'Threat Information Protocol for Sharing (TIPS) Act' is supported by Stand with Parkland, an organization founded by the family members of the victims of the Parkland shooting.

"Not a day goes by that I don't think about the 17 souls that were taken from us in a brutal act of violence at Marjory Stoneman Douglas High School. Following the tragedy, we all worked together to pass the Marjory Stoneman Douglas High School Public Safety Act to make our schools safer and prevent future tragedies, but we aren't finished. We cannot

accept the repeated failures of the FBI to properly investigate and act on specific tips received about the Parkland shooter, as well as other perpetrators of mass violence in Florida. I'm proud to stand with the family members of the victims to announce the TIPS Act, which bridges the gap between federal and state law enforcement agencies by mandating information sharing of all state-specific criminal intelligence tips. This is about getting information on threats into the hands of the right people, who can ultimately prevent violence and protect our families," Scott said.

Majority of Mexicans Say Organized Crime Stronger than Government after El Chapo's Son Released

Image

A majority of Mexicans see organized crime as more powerful than the Mexican government after government forces capitulated to drug-cartel strongmen and released the son of the former cartel leader Joaquín Guzmán, known as “El Chapo.”

About 56 percent of Mexicans say they believe organized crime is stronger, while only 33 percent say the government is stronger, according to a poll by the Mexican newspaper Reforma.

Mexican authorities were forced on Thursday to release Ovidio Guzmán López, El Chapo’s son, shortly after capturing him, when the Sinaloa cartel laid siege to the city of Culiacán and surrounded Mexican troops, taking eight soldiers hostage. Officials said at least 14 people died during the clashes between cartel members and Mexican soldiers.

49 percent of respondents in the Reforma poll disagreed with the decision to release López, while 45 percent said they supported it. Residents of Culiacán expressed relief that the government had surrendered, saying the decision prevented further violence.

Mexican lawmen get FBI training to combat organized crime, terrorism

Image

JUAREZ, Mexico — Three Chihuahua state lawmen recently completed intelligence and intervention training courses sponsored by the FBI, according to the State Security Commission.

Alvaro Serrano Escobedo, the commission's operations

director, received training on anti-terrorism, intelligence gathering, leadership and the combat of organized crime at FBI headquarters in Quantico, Virginia. The training is part of the FBI's Mexican Law Enforcement Executive Development (MEXLEED) program, the commission said in a news release.

Ginés Jaime Ruiz García, first officer of the Chihuahua State Police, and Jesús Alejandro Cruz Rangel, who heads rural operations for the agency, attended the FBI's Mexican American Liaison and Law Enforcement Training (MALLET) program in South Padre Island, Texas, the commission said.

The three lawmen were among 30 duly vetted Mexican officials chosen by the FBI for training this year, the commission said.

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63 accused drug dealers plead guilty in heroin, fentanyl and cocaine trafficking rings

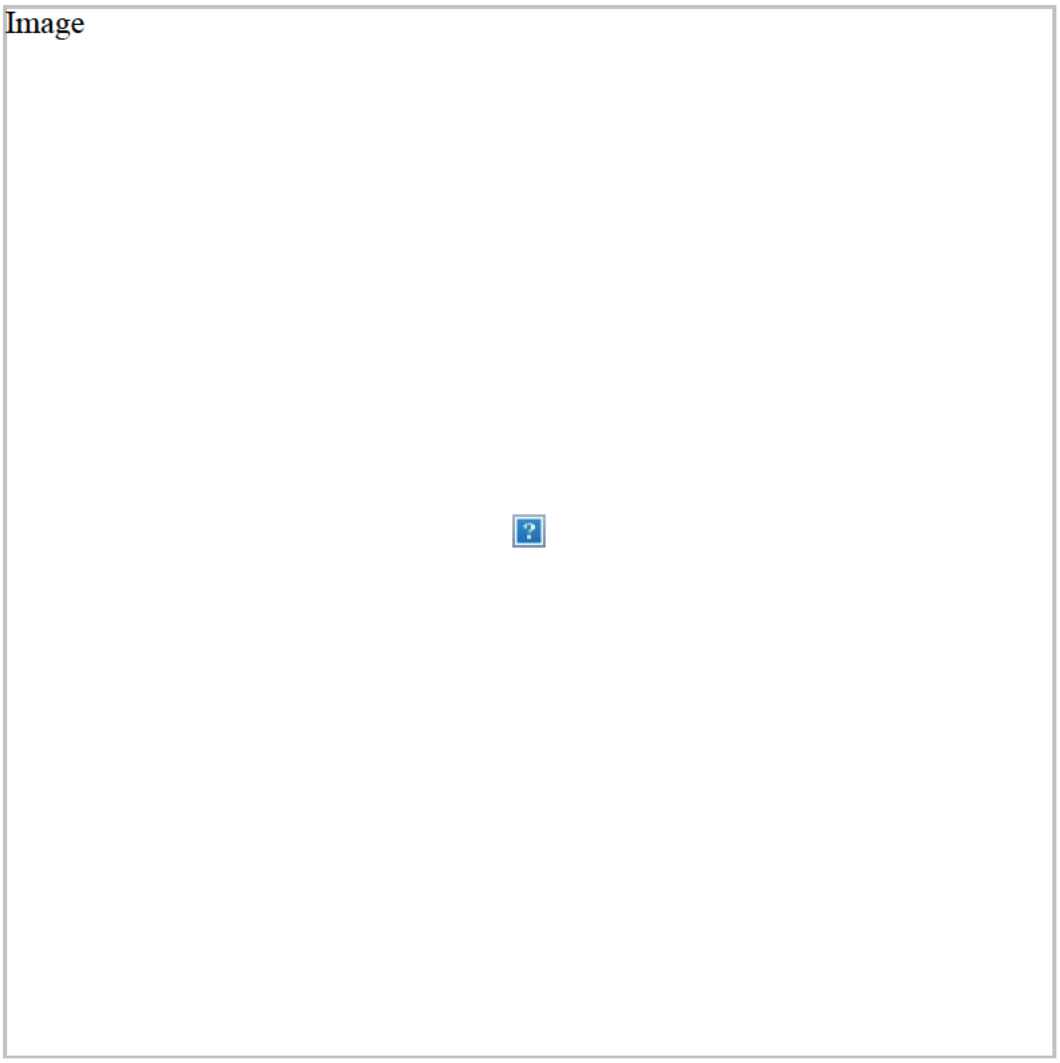
Image

SYRACUSE — New York State Attorney General Letitia James has announced the guilty pleas of 63 people for their roles in two major narcotics trafficking operations that transported heroin, fentanyl, and cocaine to Onondaga, St. Lawrence, Oswego, Oneida, and Jefferson counties.

The investigation resulted in the recovery of approximately 4,700 bags of heroin and fentanyl, worth approximately $140,000, and approximately 2 kilograms of cocaine, worth more than $200,000, according to a news release from the Attorney General's office.

"These individuals flooded our communities with dangerous drugs that are putting New Yorkers at great risk," said Attorney General Letitia James in the news release.

House bill would give border agents tool to detect synthetic opioids



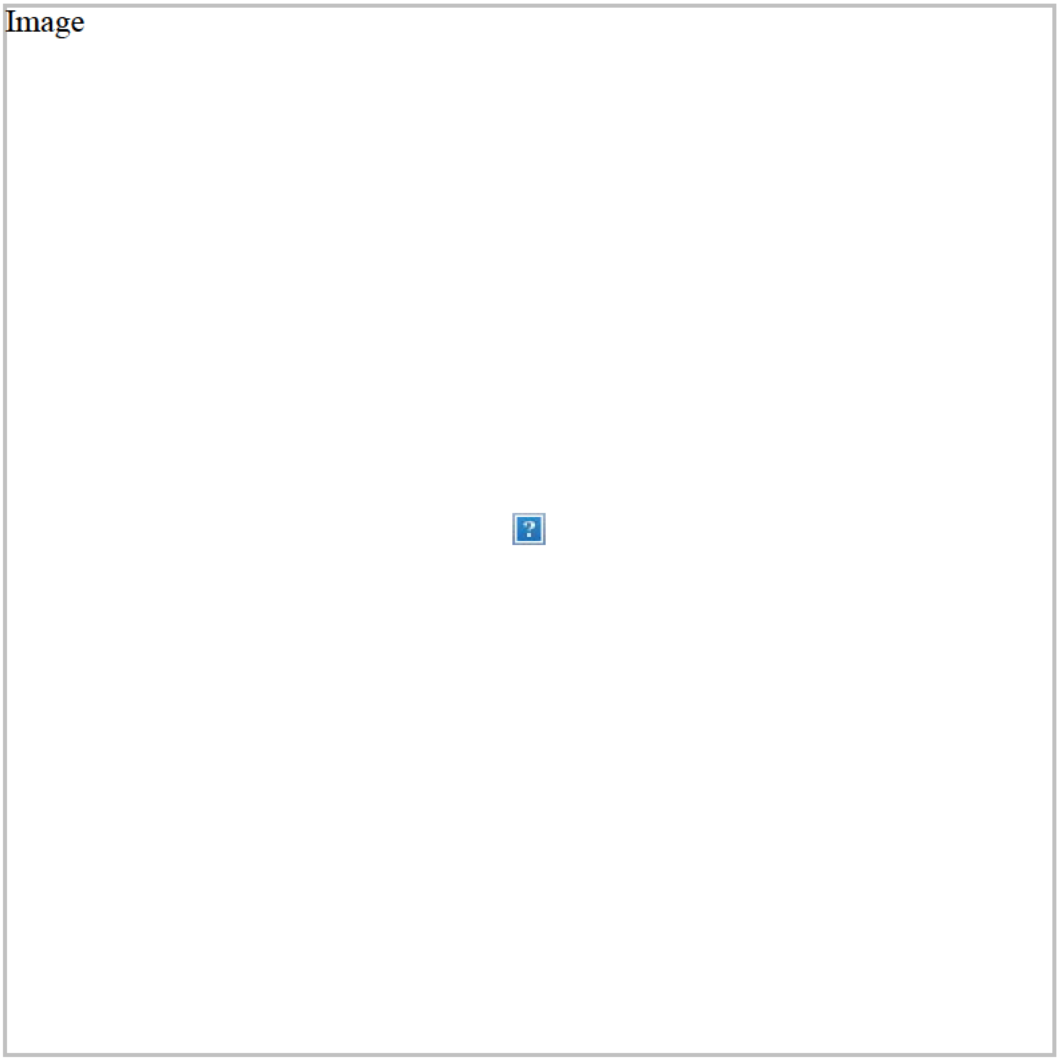
A bill that would give U.S. Customs and Border Protection (CBP) agents the equipment to detect synthetic opioids has been introduced in the U.S. House.

The DHS Opioid Detection Resilience Act of 2019 requires the Commissioner of CBP to procure chemical screening devices that allow border patrol agents to identify narcotics, including synthetic opioids, with purity levels of less than 10 percent. A 2018 study by the Drug Enforcement Administration (DEA) found that most fentanyl seized at the southwest border tends to be less than 10 percent pure. These changes would fill the gap that currently exists in identifying these synthetic opioids.

“Stopping the flow of illegal drugs across our southern border and at ports of entry is a top priority for our CBP law enforcement officers. This includes fentanyl and other synthetic opioids that can be difficult to detect. Our legislation ensures that DHS has the necessary equipment to detect synthetic opioids and the ability to adapt as smuggling methods evolve. We want to prevent this poison from ever reaching American communities, and our bill helps law enforcement carry out that mission,” Rep. Clay Higgins (R-LA), the bill’s sponsor, said.

Teens brawl with police in Brooklyn subway station

Image



BROOKLYN, N.Y. – A video showing members of the NYPD

trying to break up a fight and instead ending up in an all-out brawl with a mob of New Yorkers has gone viral… and media outlets were quick to condemn the cops who were involved.

The Post said that the incident unfolded on Saturday morning around 2:30 a.m. as officers responded to the scene of a fight on the platform of a subway station. The fights had originally began up on Jay Street between two groups of people before the violence spilled down into the station.

Cell phone video captured at the scene shows officers rush into the area and try to pull the brawling teens apart, attempting to put one of the suspects in handcuffs. Other individuals on the outside of the skirmish appear to be pulling the officers away.

The heartbreaking final text this human trafficking victim sent before dying in UK truck

Image

A 26-year-old Vietnamese woman texted her mom frantically that she was suffocating in the truck in which the bodies of 39 people were found in England — and apologized that her journey to a better life ended tragically, according to a report.

“I’m sorry Mom, my path to abroad didn’t succeed,” Pham Thi Tra My wrote in a series of messages about 10:30 p.m. Tuesday, according to the Mirror.

“Mom, I love you and Dad so much! I’m dying because I can’t breathe,” she added.

News about the young woman’s final moments emerged as two more people were arrested after eight women and 31 men were found dead Wednesday in a case that has shocked Britain and made headlines around the world.

Labor Trafficking Is A Crime You Probably Don't Notice

Image



It has been more than four years since Catherine Piedad called 911 from a $1.7 million home in Newton.

In 2015, she worked long hours to care for a Russian family's young twins. Her passport was taken, and she slept in a small room with little light and nowhere to store her clothes. When she asked to be paid, her employer threatened to send her back to the Philippines. She feared deportation and did not know who to trust.

Despite her fear, she called 911. Law enforcement helped her

to leave the family's home but did little else. They did not see her case as "labor trafficking." Instead, the incident was labeled a "labor dispute." Piedad struggled to access her rights — despite the robust federal and state laws designed to protect her.

You've probably heard of sex trafficking, which often involves perpetrators who force, trick or coerce victims into sexual servitude. Although difficult to see, sex trafficking is often visible to law enforcement through the internet: perpetrators sometimes leave a footprint online, which can provide a critical entry point for criminal investigations.

The Mafia's history in Las Vegas: From Bugsy Siegel to Anthony Spilotro

Image

Benjamin “Bugsy” Siegel had been at the helm of the Flamingo for only six months in June 1947 when he was killed in a hail of gunfire at his girlfriend’s Beverly Hills, Calif., home.

But his vision for the Flamingo, the first resort-style hotel on the Strip, was the beginning of a 50-year relationship between Las Vegas and traditional organized crime that helped define “Sin City”and turn it into one of the world’s top tourist destinations.

“The general perception on the part of the public is that Las Vegas and the mob have been inextricably linked, and I don’t think it will ever be extricated,” former longtime state archivist Guy Rocha says.

Groundbreaking books such as “The Green Felt Jungle” in 1963, which revealed the mob’s early grip on the city, and popular movies such as “The Godfather” in 1972 and “Casino” in 1995 enhanced this perception through the years.

So did the buzz on the Strip over the Rat Pack, led by headliner Frank Sinatra and his associations with high-profile underworld figures.

New Bill To Bring Illegal Gambling In California Closer To An End

Image

Gambling in the US, as well as in the whole world, is one of the most entertaining and lucrative endeavors. Not only does it provide fun and joy to the players, but it also offers an opportunity to make a fortune.

The gambling operators all around the world are doing everything they can to attract new customers. From online free spins for Australians to no deposit bonuses and other promotions in other countries, casino operators are full of such impressive offers.

However, the industry isn't just this fairy-tale source of joy and money. It also has its drawbacks. With problem gambling, organized crime, and money laundering prospects, gambling has long been considered threatening to society.

That's the reason why the US government, alongside other

governments worldwide, have been eager to put the industry under the limitations and protect the interests of their citizens. With the regulatory restrictions and measures, the government officials have deemed ill-gotten gains illegal and contributed to ending gambling-related crime.

Best true-crime books of all time

Image

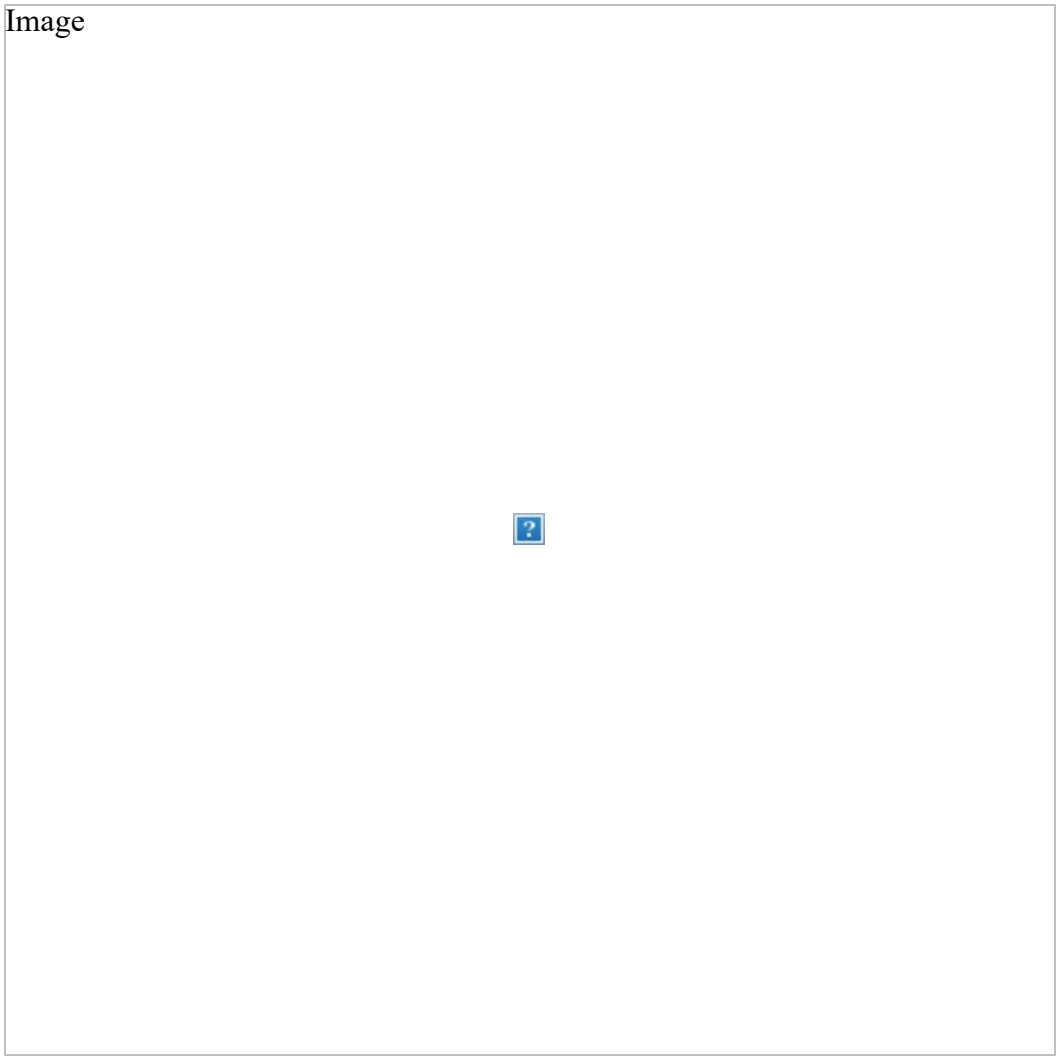


Terrifying tales are not the domain of fiction alone. If you are in search of bone-chilling scares, we recommend you turn to true crime. The key word being true. That's right, no imagination needed. Including stories about such horrific figures as Charles Manson and Ted Bundy, Goodreads compiled a list of the top 10 true-crime books

of all time based on the lists, reviews and ratings of their more than 90 million members.
AP

How a Facebook Crime Page Led to Arrest of N.C. Woman in Cold Case Killing of Sister-in-Law

Image



A Facebook page devoted to the murdered, missing or miscreant residents of western North Carolina is being credited with helping authorities bring charges in the 15-year-old cold-case killing of a missing mom of four, allegedly at the hands of her sister-in-law.

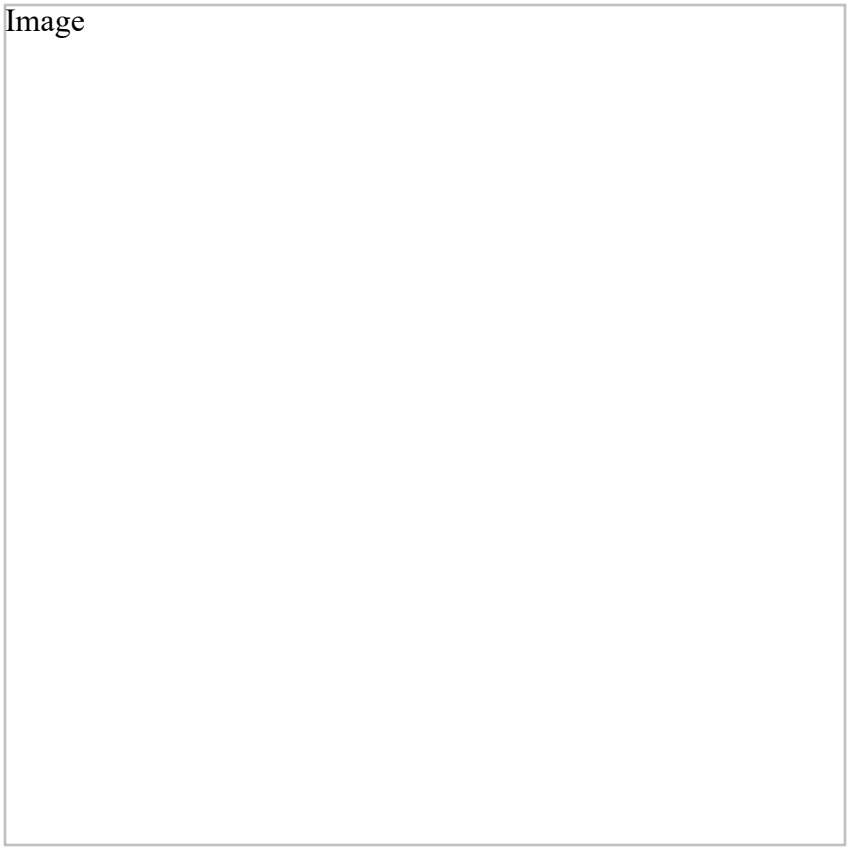
The tip that led authorities to a “shallow grave” containing the remains believed to be those of 29-year-old Deborah Elaine Deans “proved to be very accurate and very reliable,” Nash County Sheriff Keith Stone told reporters last week.

But the tipster did not go to police at first.

Instead, the unidentified person sent information about the alleged crime to a woman who created and runs a Facebook page called Fighting Crime News and Who’s Wanted, an online outlet whose updates range from wanted posters to promotions of local elections and warnings about traffic tie-ups.

On October 20, a re-post about the unsolved missing-person case of Deans — who was last seen around 9 a.m. on January 19, 2004, at a residence on Wiley Road in Spring Hope — elicited a “very detailed” response that was forwarded to authorities by the Facebook page creator, said Nash.

Google Maps Adds ability to see speed limits and speed traps in 40+ countries

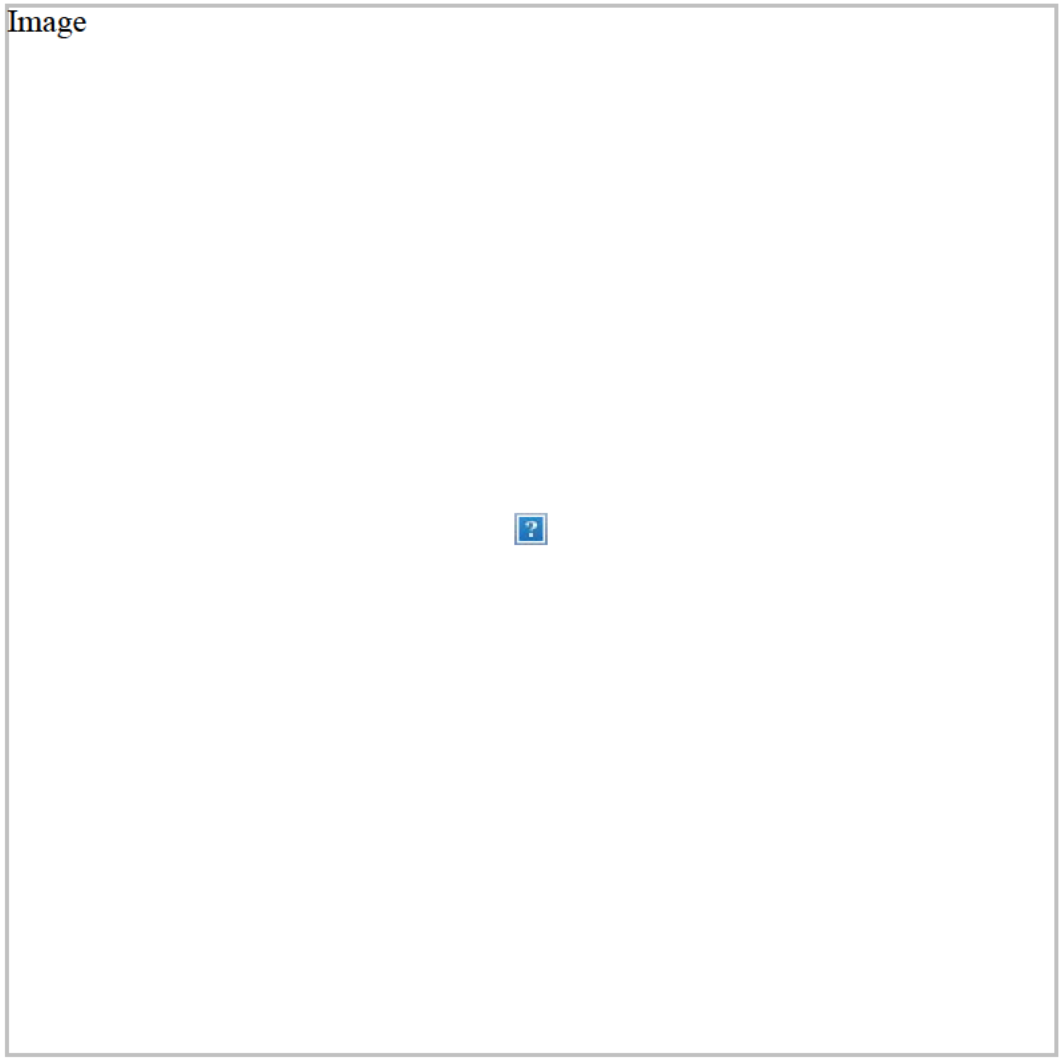


Google Maps is gaining some features previously exclusive to Google's navigation app, Waze. The company confirmed it's rolling out the ability for Google Maps users to see speed limits, speed cameras and mobile speed cameras in more than 40 countries worldwide — an expansion of its earlier launch of these features, which were previously limited to select markets.

The change was noted earlier by ZDNet and, of course, Reddit.

Google confirmed with TechCrunch the full list of supported countries now seeing the speed cameras, which currently includes: Australia, Brazil, U.S., Canada, U.K., India, Mexico, Russia, Japan, Andorra, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, Greece, Hungary, Iceland, Israel, Italy, Jordan, Kuwait, Latvia, Lithuania, Malta, Morocco, Namibia, Netherlands, Norway, Oman, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, South Africa, Spain, Sweden, Tunisia, and Zimbabwe.

The Ethics Board of One of the Largest Vendors of Police Tech (Axon) Makes the Case Against ALPRs



Automated License Plate Readers (ALPRs)—a mass surveillance technology that allows law enforcement to record the location and travel patterns of nearly every driver on the road—are poorly regulated, threaten privacy, and worsen the racial and economic inequalities already ingrained in our justice system.

That's what EFF and other advocates have been saying for years. But now it's coming from an oversight body formed by one of the nation's largest police tech vendors.

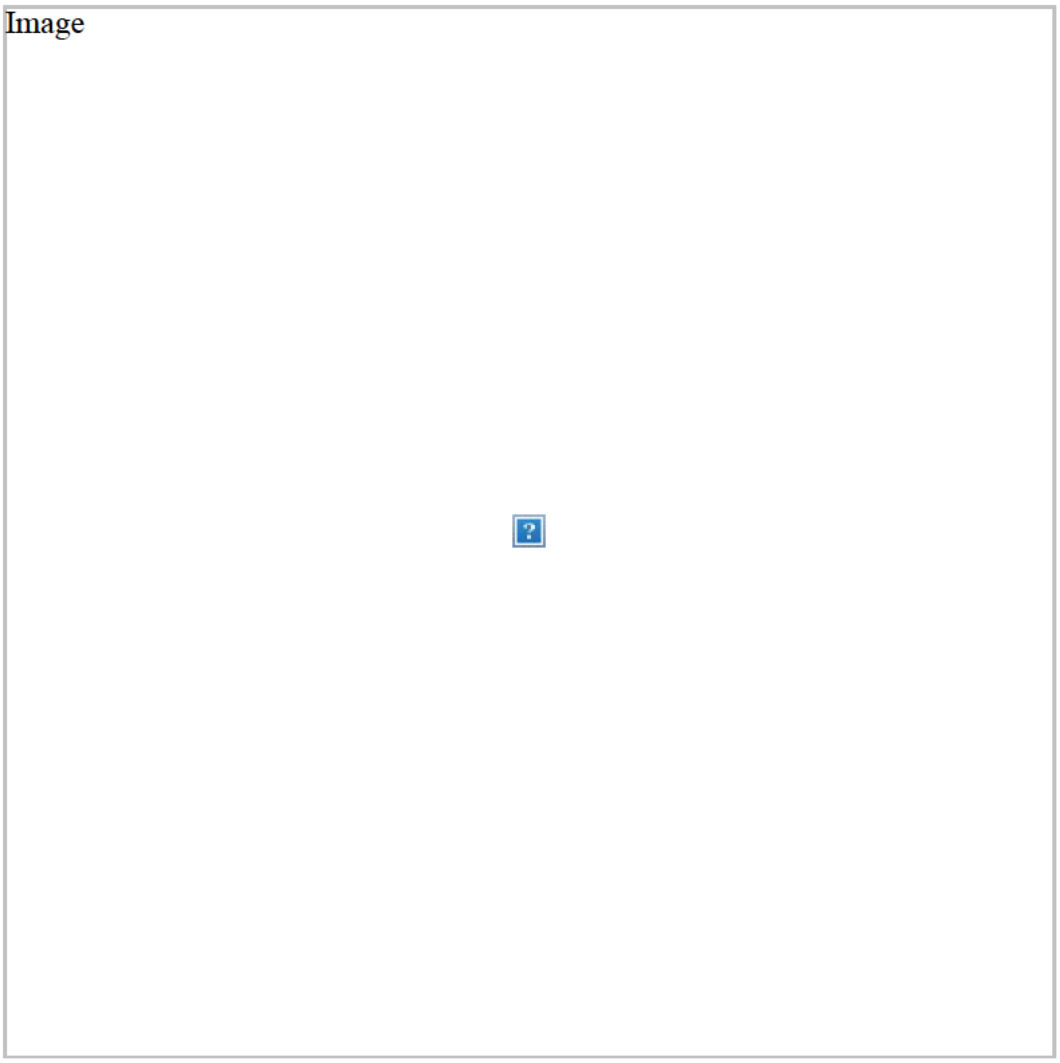
Last week, the AI and Policing Technology Ethics Board at

Axon, a tech company best known for popularizing body-worn cameras and the Taser, released a damning report concerning the commercial sale of ALPRs. The board, whose purpose is to “help guide and advise the company on ethical issues,” concluded that while it sees the potential value of ALPRs, their current role in society is too broad and problematic. The sheer amount of information that ALPRs gather and store was also a concern for the ethics board—particularly when privately collected data is often for sale to whoever wants to buy it.

ALPR systems include cameras that can be mounted on vehicles like police patrol cars or private tow trucks, or on stationary locations such as streetlights or overpasses. These cameras capture every license plate that passes and index them based on time, date, and location. A police officer can search ALPR databases to learn where a vehicle was in the past or even get real-time alerts when a driver passes by an ALPR camera. Research by EFF, MuckRock, and others have found that even small police departments are able to collect millions of plate scans a year, and often agencies are sharing this data with hundreds of other agencies across the country. Private companies also use ALPR and sell their data to police, financial lenders, insurance companies, private investigators, and debt collectors.

Amazon's Ring is 'the Neighborhood Watch of 2020,' police say as doorbell cams proliferate

Image



That's all it took Livonia Police to arrest a man, who hours earlier was caught on video posted on Ring's Neighbors app rummaging through the bed of a pickup parked in a driveway.

Detectives quickly recognized 60-year-old Jeffrey Couch when they saw the video posted by an app user in mid-August. Within a week, he pleaded no contest in court to two attempted larceny charges and was sentenced to 30 days in jail.

"I truly believe this is the Neighborhood Watch of 2020," said Livonia Police Capt. Ronald Taig, whose force was one of the first law enforcement agencies in Michigan — and is one of more than 400 across the country — to partner with the Ring Neighbors app, owned by Amazon.

How the deadly drug fentanyl is making its way to the US

Image



Trump administration officials are divided over part of a proposal to crack down on illicit versions of fentanyl, the deadly synthetic painkiller that President Donald Trump targeted in declaring a national opioid abuse emergency.

In an inter-agency dispute that highlights the challenges of curbing opioid abuse, the US Drug Enforcement Administration (DEA) is publicly backing tighter rules for fentanyl analogs, which are slightly altered copycat versions of the powerful drug fueling an explosion in overdoses.

In this case, the bill would cut the Food and Drug Administration out of the time-consuming review process by

letting the DEA permanently classify illicit fentanyl analogs as Schedule I drugs, like heroin, which are deemed to be addictive with no medical use.

The DEA says these legal changes would help prosecutors keep pace with criminals who constantly churn out chemically tweaked fentanyl analogs to evade strict Schedule I regulations.

Of 70,200 US drug overdose deaths in 2017, according to the CDC, about 41% involved synthetic opioids, such as fentanyl and illicit analogs of it. Most of them are made in China.

Fentanyl, some versions of which are approved to treat cancer pain, is 100 times more potent than morphine.

Trump Orders Study of Root Causes of Crime, Policing Practices

Image

President Trump on Monday ordered Attorney General William Barr to establish a new commission to study crime and law enforcement with the goal of recommending “actions that can be taken to prevent, reduce, and control crime, increase respect for the law, and assist victims.”

Following remarks in Chicago at the annual International Association of Chiefs of Police conference, the president signed an executive order establishing the Commission on Law Enforcement and the Administration of Justice. The commission will study the influence of substance abuse, homelessness and mental illness on crime as well as examine best practices to recruit, train and support law enforcement, among other things.

“Rigorous study of crime, including its causal factors, and current law enforcement practices is essential to assessing our

current criminal justice system's merits and opportunities for improvement," the executive order stated. "Public safety and proper policing are issues of both national and local significance that continue to require the close cooperation and coordination between the Department of Justice and state, local, and tribal law enforcement."

Quality Afterschool Programs Proven to Reduce Crime

Image



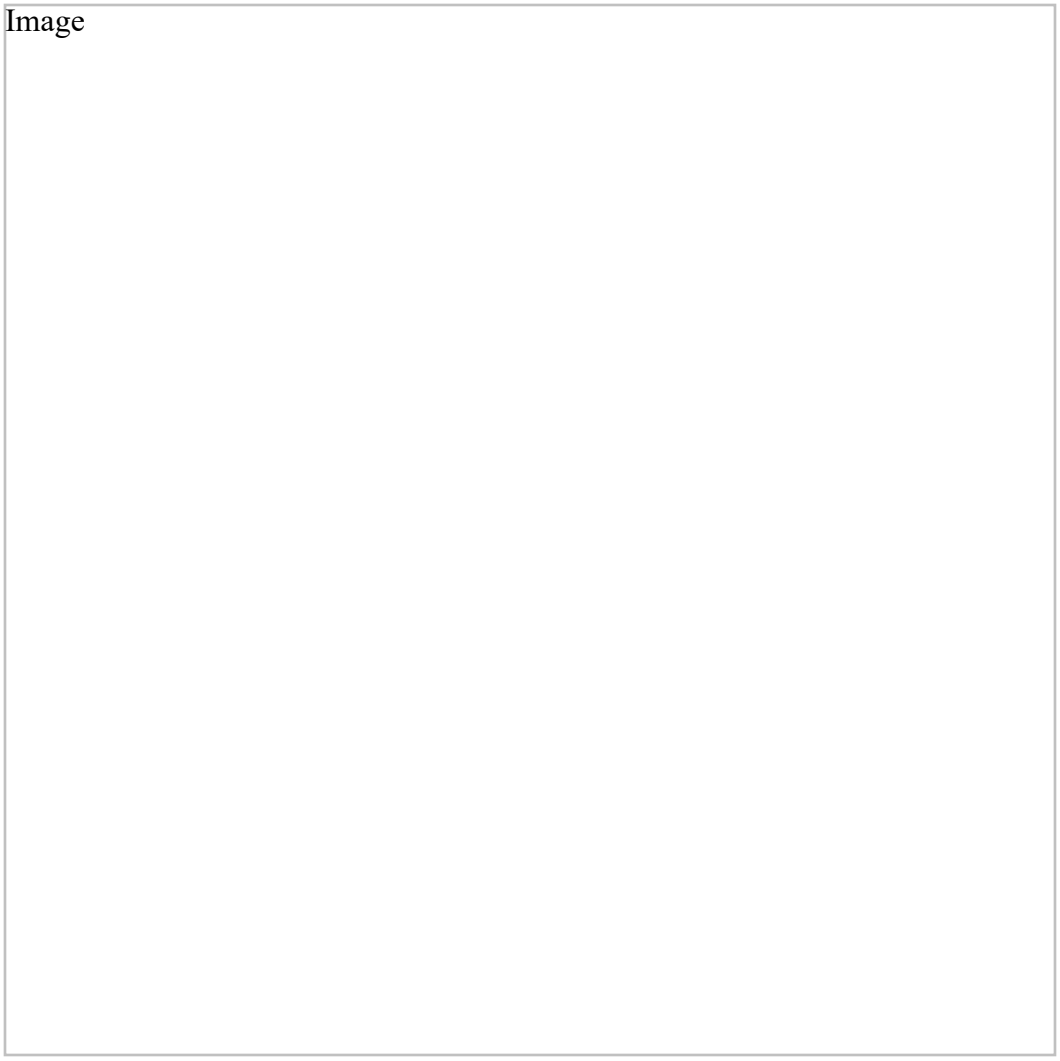
As a member of your District Attorney's Office for almost 30 years, and your DA for nearly 10, I've learned that the hours after school lets out are the prime time for juvenile crime.

It is between these hours of 2 to 6 p.m. that youth are more likely to be arrested for assault, theft and drug-related crimes.

Quality afterschool programs have been proven to reduce these crimes in our community, keep students engaged, and improve academic performance and student behavior.

A new report from Fight Crime: Invest in Kids shows that when youth have access to high-quality, affordable afterschool programming, they benefit immensely from homework help and outdoor activities, and they're less likely to commit or become victims of crime.

Australia's government is floating an idea to scan internet users' faces before they can watch porn online



Australia's Department of Home Affairs has touted an idea to use facial recognition software in order to verify internet users ages before they can access pornography or gambling websites.

In its parliamentary submission, the department says that its Document Verification Service and Face Verification Service — though broadly intended to be used as systems for fighting crime and identity theft — could also be used by police for age verification controls.

"This could assist in age verification, for example by preventing a minor from using their parent's driver licence to circumvent age verification controls," the submission states.

"Whilst they are primarily designed to prevent identity crime, Home Affairs would support the increased use of the

Document and Face Verification Services across the Australian economy to strengthen age verification processes."

Police turn to hackers in Australia's first crowdsourced attempt to find missing people

Image



For decades the traditional 'missing person' poster has been used to enlist the community's help to find individuals who may be in danger.

But with more than 2,600 Australians now listed as a "long-term" disappearance, the federal police are trying what they hope will be a more successful tactic: turning the search into a

game.

More than 350 internet sleuths and "ethical hackers" — hobbyists and professionals — gathered at 10 locations around the country on Friday in a national missing-persons "hackathon".

The aim was to generate leads for 12 of Australia's most frustrating cold cases, using sophisticated but legal methods of trawling the internet.

And organisers said the results were astounding: 100 leads were generated every 10 minutes the competing teams worked.

Police overseas have used crowdsourcing in the past for help with isolated cases, aided by these largely voluntary "open-source intelligence" (OSINT) enthusiasts.

But Linda Cavanagh, of the Canberra Cyber Security Innovation Node, said the Australian event was the first of its kind to be deployed on a national scale.

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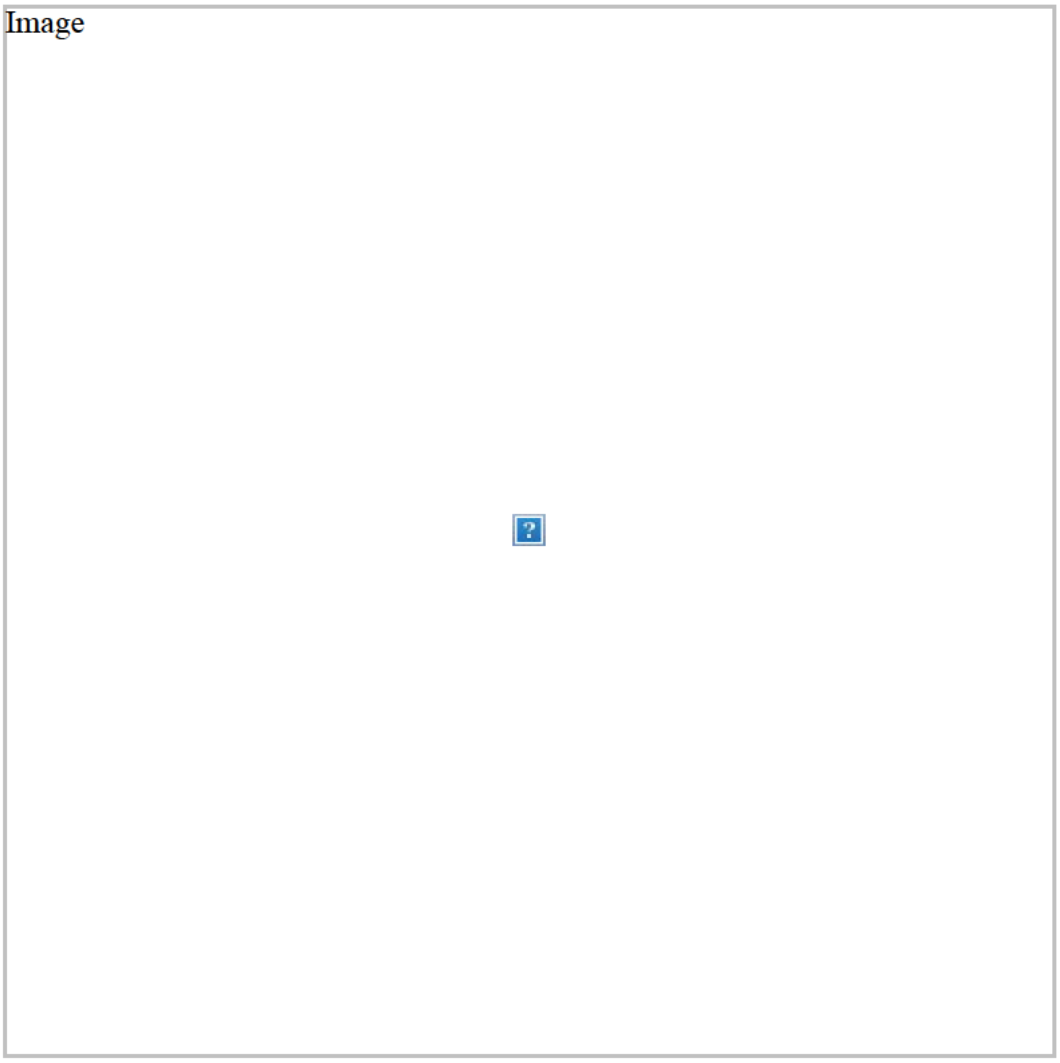
10 of the Best Tools to Find Relevant Influencers on Social Media

Image

While it's become a much bigger consideration in recent years, influencer marketing, as a practice, has actually existed for a very long time. In the past, however, influencers were only on TV or in magazines, and unlike social media, TV and newspapers are limited, which led to a situation where a select number of celebrities were able to charge tons of money for making an ad for Pepsi or Swatch in order to influence consumer behavior.

With the birth of social platforms, everything changed. The Internet has no limits, there can be as many influencers as the world requires. They can be of any age and social status, and in any area of expertise (or no area of expertise). And they can work with any brand.

How Your Volunteering Trip Could Contribute To Human Trafficking



The advent of cheap air travel and Instragammable holiday photos, combined with a longing for meaning, has created a new breed of traveler: the voluntourist. This ever-growing trend describes people, most often young and affluent Westerners, who travel to the global South to help with community projects.

While no doubt sweetly intentioned, there is considerable concern over the fad of “voluntourism” and whether it does more harm than good for the communities in developing countries – especially when it involves children or work at an orphanage. On the surface of the problem, it’s questionable whether treating the developing world as a playground is an effective model to address systemic poverty and care for vulnerable children.

An anthropological study published in the Journal of Sustainable Tourism has shown how volunteer programs can actually contribute towards a superficial understanding of poverty that distracts from the larger systems that produce inequality and poverty. Through a series of in-depth interviews with young people from the US who volunteered in Malawi, they found their volunteer work was often carried out through a colonial and “mythologized” image of a helpless Africa needing the benevolence of the West. The volunteers also viewed African poverty in terms of the “American Dream” and the idea of pulling oneself out of poverty through hard work, as opposed to deep-rooted economic, social, and historical factors at play.



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If you have an article you would like to see featured in this publication please contact Brian Gray at intelligenceanalysis@mac.com

LEIU's Central Coordinating Agency
Bob Morehouse (916) 263-1178
1825 Bell Street - Suite 205, Sacramento, CA 95825

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This email was sent to kerra.huchowski@pol.state.ma.us.

Click here to view the online version.

From: Huchowski, kerra (POL)
To: Frenzo, Mark (POL)
Subject: Re: A Publication of the LEIU Executive Board - The Source
Date: Thursday, October 31, 2019 2:15:45 PM

Anytime

Respectfully,

Kerra Huchowski
Intelligence Analyst

Commonwealth Fusion Center
124 Acton Street
Maynard MA 01451

Office - 978-451-3709
24/7 - 978-451-3700
Fax - 978-451-3707
Cell - [redacted]

Kerra.Huchowski@pol.state.ma.us

Sent from my iPhone

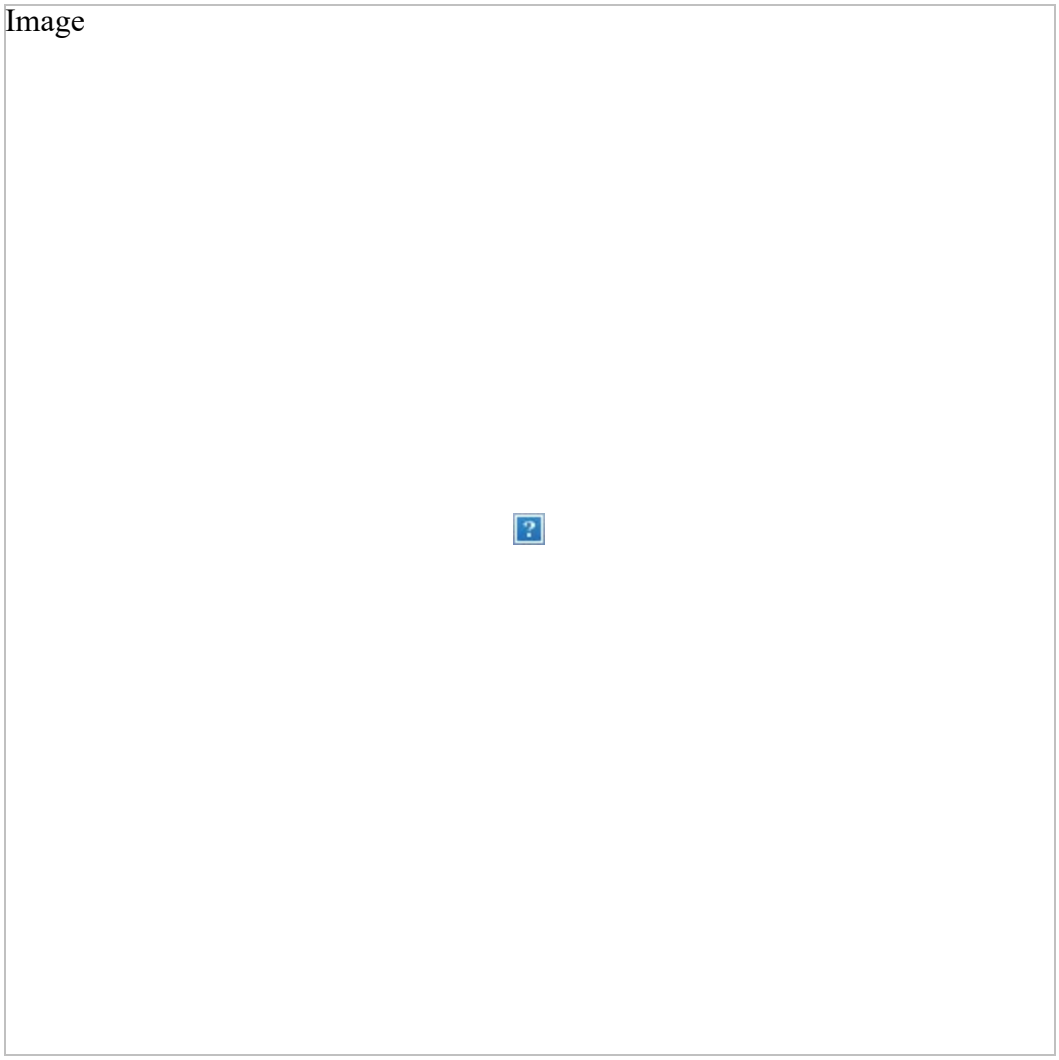
On Oct 31, 2019, at 2:15 PM, Frenzo, Mark (POL) <mark.frenzo@pol.state.ma.us> wrote:

> Thanks Kerra
>
> Sent from my iPhone
> Detective Lieutenant MR Frenzo #2177
> Unit Commander
> SSS / Organized Crime Unit
> Massachusetts State Police
>
> On Oct 31, 2019, at 7:44 AM, Huchowski, kerra (POL) <kerra.huchowski@pol.state.ma.us> wrote:
>
> > Good Morning,
> >
> > Listed below are various different articles about organized crime, including one about the Las Vegas Mafia. Other articles stem around OC in Asia, Canada and of course El Chapo and drugs. Happy reading and Happy Halloween!
> >
> > I will be in DC next week.

-Kerra

From: Association Of Law Enforcement Intelligence Units (LEIU) [mailto:LEIU@doj.ca.gov]
Sent: Wednesday, October 30, 2019 8:31 AM
To: Huchowski, kerra (POL) <kerra.huchowski@pol.state.ma.us>
Subject: A Publication of the LEIU Executive Board - The Source

Image



The LEIU Source is a weekly news publication brought to you by the LEIU Executive Board.

Each Wednesday, we share with you a few of the articles or intelligence-based publications that have come across our desk. We are exicted to see, each week, Law Enforcement Officers, Analysts and Administrators from around the world reading this.

If you have a publication or an article that you feel needs to be shared, please send these to IntelligenceAnalysis@mac.com for review.

If you feel others at your department would benefit from receiving this publication, please forward this email. At the bottom of this publication is a link where they can add their email to the distribution list.

Wednesday 10/30/19

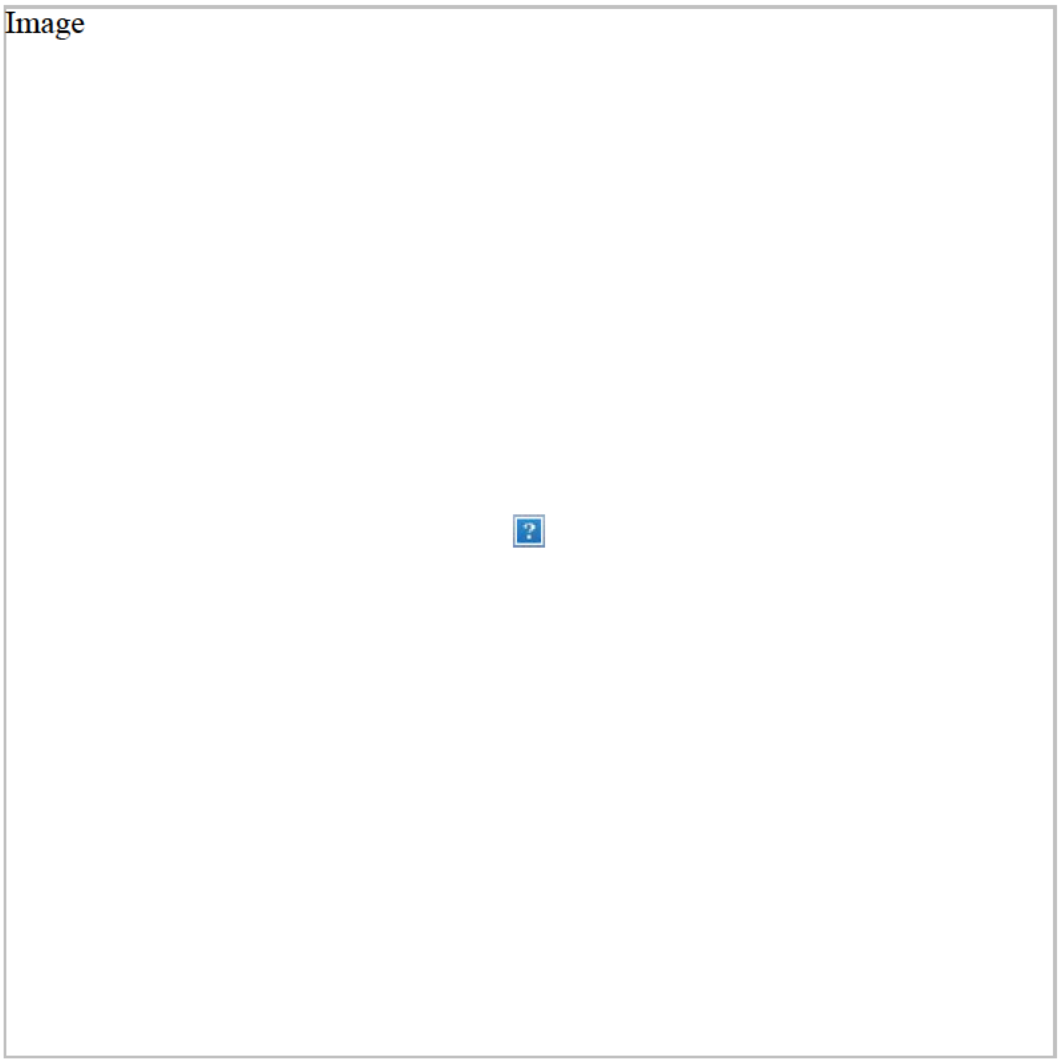
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Image

Click Here For LEIU 20/20 Flyer

BAE wins open source intelligence contract from the Army



The Army has awarded BAE Systems a $437 million task order for open source intelligence support, the company announced Oct. 15 during the 2019 Association of the United States Army conference.

As part of the task order, BAE Systems will provide the Army and Army Intelligence & Security Command (INSCOM) approved partners with open source solutions to publicly available data.

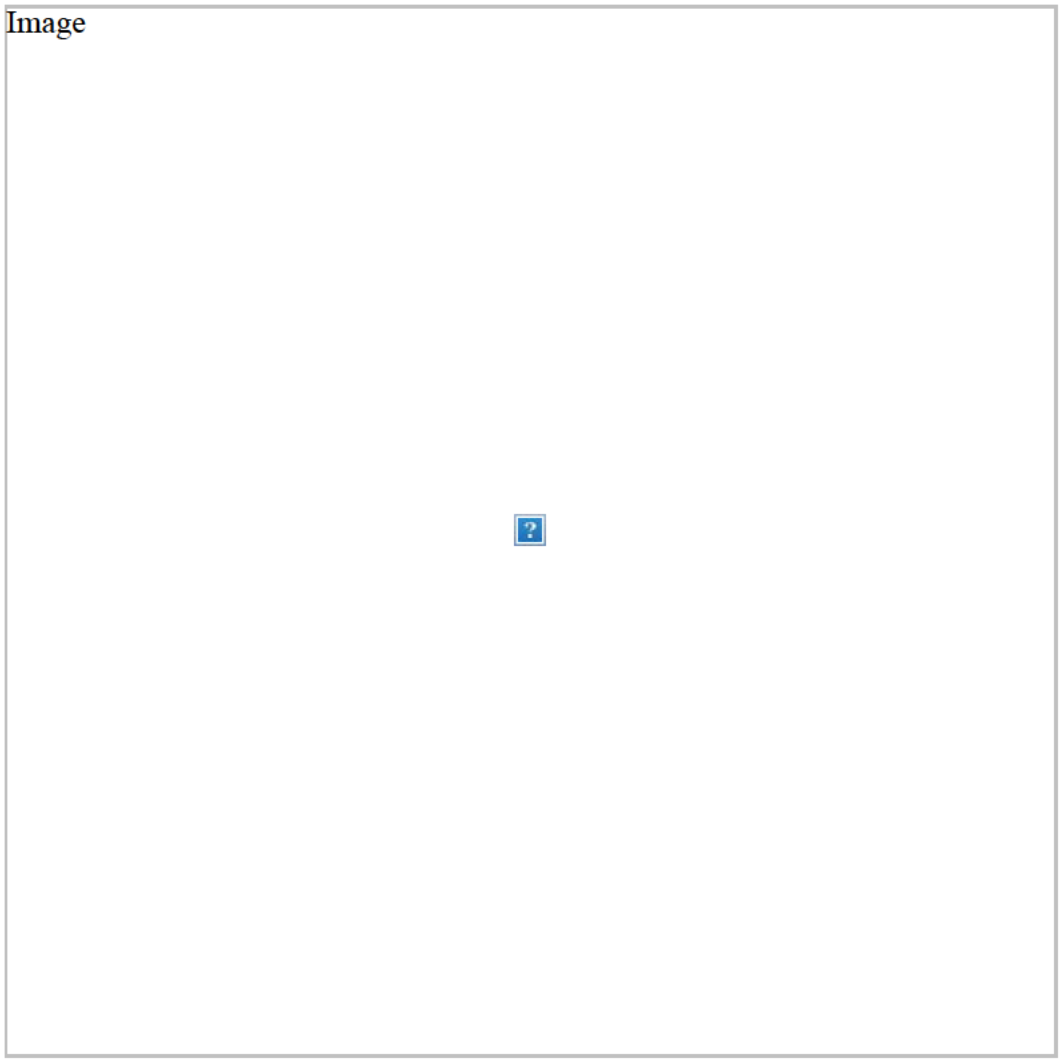
“We’re proud to continue to partner with the U.S. Army and support their critical national security missions with this new capability,” Peder Jungck, vice president and general manager of BAE Systems’ intelligence solutions business.

The company won the initial award of the five-year task order and began ramping up in August, Jungck said. The task order is an extension of projects the company has been doing for the Army, but this is the first time the work been consolidated and awarded as a larger contract, he explained.

“If you look at contracts in general around OSINT there’s been kind of small ones, there’s been lots of pilots out of agencies and even within the Army and throughout INSCOM there were different kind of brigades and battalions that had their own set of tools," he said. "This is one of the first of the really large OSINT and AI consolidation contracts. I don’t think anybody’s really had a large one like this.”

Calif. police stand by cop after video released in 2017 OIS of murder suspect

Image



FRESNO, Calif. — Community activists are expressing outrage after seeing video footage that shows a Fresno police sergeant fatally shooting an unarmed 16-year-old boy as he fled during a foot pursuit.

Meanwhile, the local police union and supporters of law enforcement have stepped up in support of the sergeant, saying he acted within guidelines while pursuing a murder suspect.

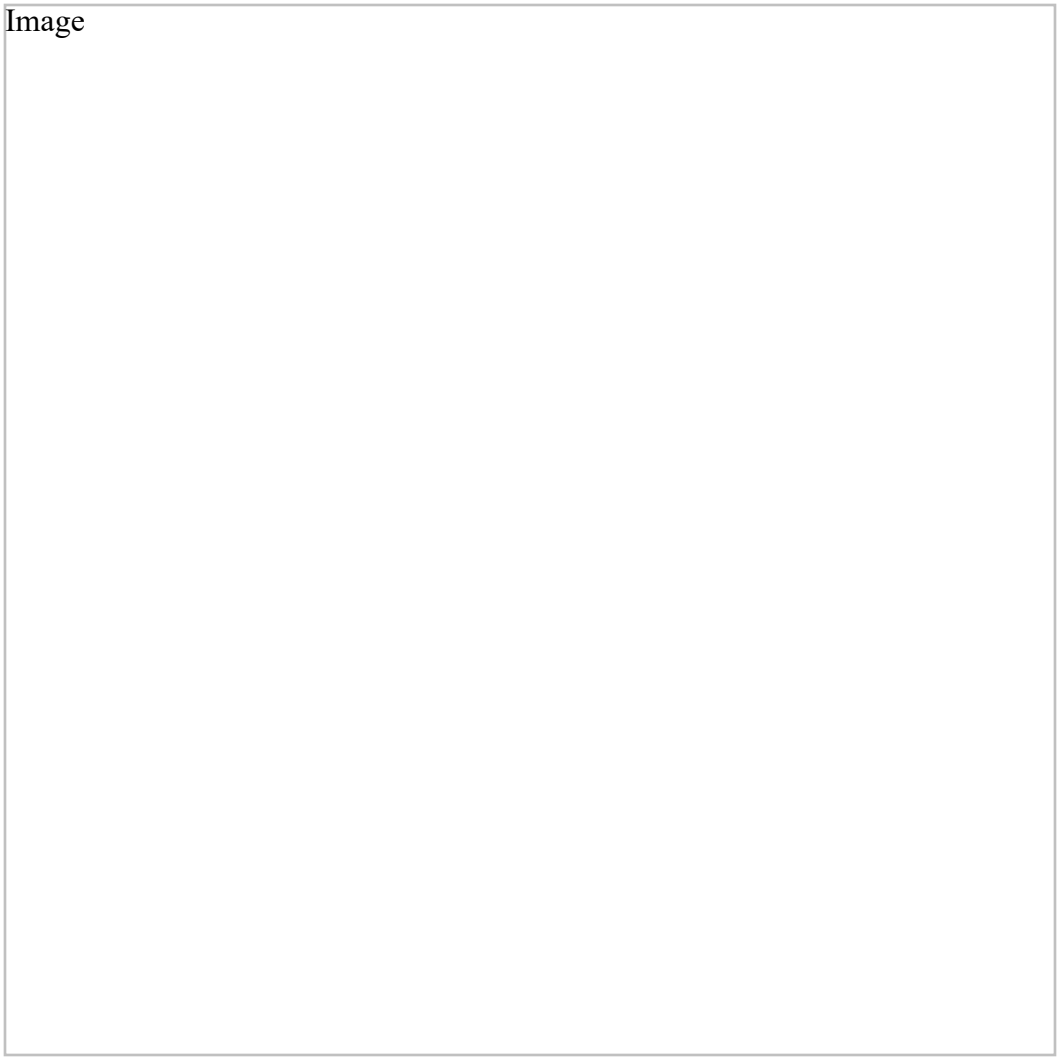
The footage shows Sgt. Ray Villalvazo firing a single shot into the back of Isiah Murrietta-Golding's head, according to a lawsuit filed on behalf of the teen's family.

The video was captured on a surveillance camera at a daycare facility on April 14, 2017, and was released by attorney Stuart Chandler, who's representing the family of Murrietta-Golding. The boy's family alleges the sergeant used excessive and unlawful deadly force, and committed assault and battery with negligence.

Additionally, in footage released from a police officer's body camera, one officer is heard shouting "good shot" as officers handcuff and search the already prone Murrietta-Golding.

Asia has an organized-crime problem. Canada is well placed to help

Image



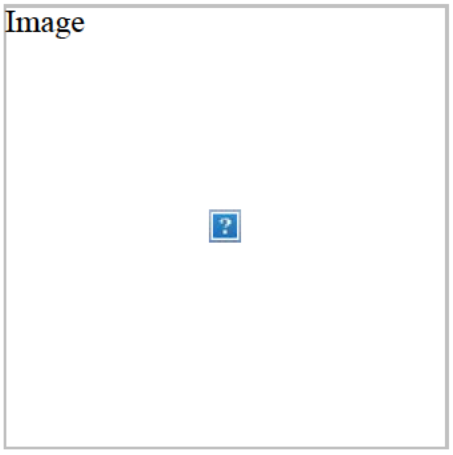
Jeremy Douglas is the regional representative for the United Nations Office on Drugs and Crime (UNODC) for Southeast Asia and the Pacific and a former UNODC representative for Pakistan. The opinions expressed in this commentary are his.

More than a few eyebrows went up last week when Tse Chi Lop – a 55-year-old Canadian man – was accused of being arguably the biggest drug trafficker in the history of Asia.

Mr. Tse is suspected – by police in Myanmar, Australia and Taiwan, and by the United Nations Office on Drugs and Crime (UNODC) – of being the leader of Sam Gor, or Brother Number Three, a supersyndicate largely responsible for the dramatic shift in recent years in organized crime away from drugs such as heroin and toward synthetics, such as methamphetamine, ketamine and fentanyl. It's a shift that has been driven by control and profit, since synthetics offer many advantages to

criminal organizations: Labs can be quickly set up or moved; they are not subject to external conditions such as climate, nor do they require large work forces; and production can be rapidly scaled up to drive the market. Put these things together and it means the disruption of the traditional drug business and the heavily concentrated profits that come with it.

Florida Senator Rick Scott Announces Legislation To Address 'FBI Failures' Regarding Parkland Shooting



MIAMI (CBSMiami) – Florida Senator Rick Scott announced legislation Thursday to hold the Federal Bureau of Investigations accountable for its 'failures to address critical deficiencies in its handling of actionable intelligence' in regards to the mass shooting at Marjory Stoneman Douglas High School in 2018.

The 'Threat Information Protocol for Sharing (TIPS) Act' is supported by Stand with Parkland, an organization founded by the family members of the victims of the Parkland shooting.

"Not a day goes by that I don't think about the 17 souls that were taken from us in a brutal act of violence at Marjory Stoneman Douglas High School. Following the tragedy, we all worked together to pass the Marjory Stoneman Douglas High School Public Safety Act to make our schools safer and prevent future tragedies, but we aren't finished. We cannot

accept the repeated failures of the FBI to properly investigate and act on specific tips received about the Parkland shooter, as well as other perpetrators of mass violence in Florida. I'm proud to stand with the family members of the victims to announce the TIPS Act, which bridges the gap between federal and state law enforcement agencies by mandating information sharing of all state-specific criminal intelligence tips. This is about getting information on threats into the hands of the right people, who can ultimately prevent violence and protect our families," Scott said.

Majority of Mexicans Say Organized Crime Stronger than Government after El Chapo's Son Released

Image

A majority of Mexicans see organized crime as more powerful than the Mexican government after government forces capitulated to drug-cartel strongmen and released the son of the former cartel leader Joaquín Guzmán, known as “El Chapo.”

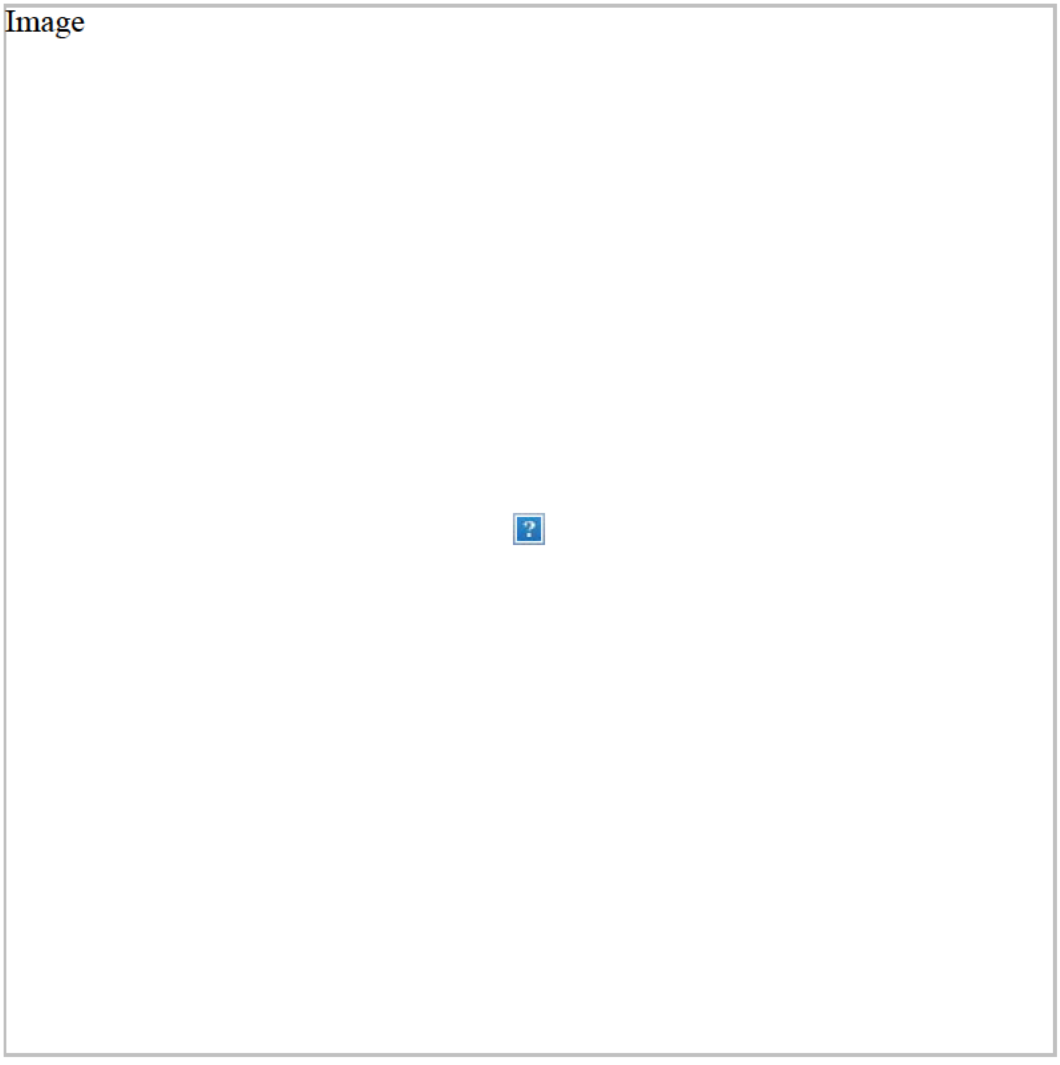
About 56 percent of Mexicans say they believe organized crime is stronger, while only 33 percent say the government is stronger, according to a poll by the Mexican newspaper Reforma.

Mexican authorities were forced on Thursday to release Ovidio Guzmán López, El Chapo’s son, shortly after capturing him, when the Sinaloa cartel laid siege to the city of Culiacán and surrounded Mexican troops, taking eight soldiers hostage. Officials said at least 14 people died during the clashes between cartel members and Mexican soldiers.

49 percent of respondents in the Reforma poll disagreed with the decision to release López, while 45 percent said they supported it. Residents of Culiacán expressed relief that the government had surrendered, saying the decision prevented further violence.

Mexican lawmen get FBI training to combat organized crime, terrorism

Image



JUAREZ, Mexico — Three Chihuahua state lawmen recently completed intelligence and intervention training courses sponsored by the FBI, according to the State Security Commission.

Alvaro Serrano Escobedo, the commission's operations

director, received training on anti-terrorism, intelligence gathering, leadership and the combat of organized crime at FBI headquarters in Quantico, Virginia. The training is part of the FBI's Mexican Law Enforcement Executive Development (MEXLEED) program, the commission said in a news release.

Ginés Jaime Ruiz García, first officer of the Chihuahua State Police, and Jesús Alejandro Cruz Rangel, who heads rural operations for the agency, attended the FBI's Mexican American Liaison and Law Enforcement Training (MALLET) program in South Padre Island, Texas, the commission said.

The three lawmen were among 30 duly vetted Mexican officials chosen by the FBI for training this year, the commission said.

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63 accused drug dealers plead guilty in heroin, fentanyl and cocaine trafficking rings

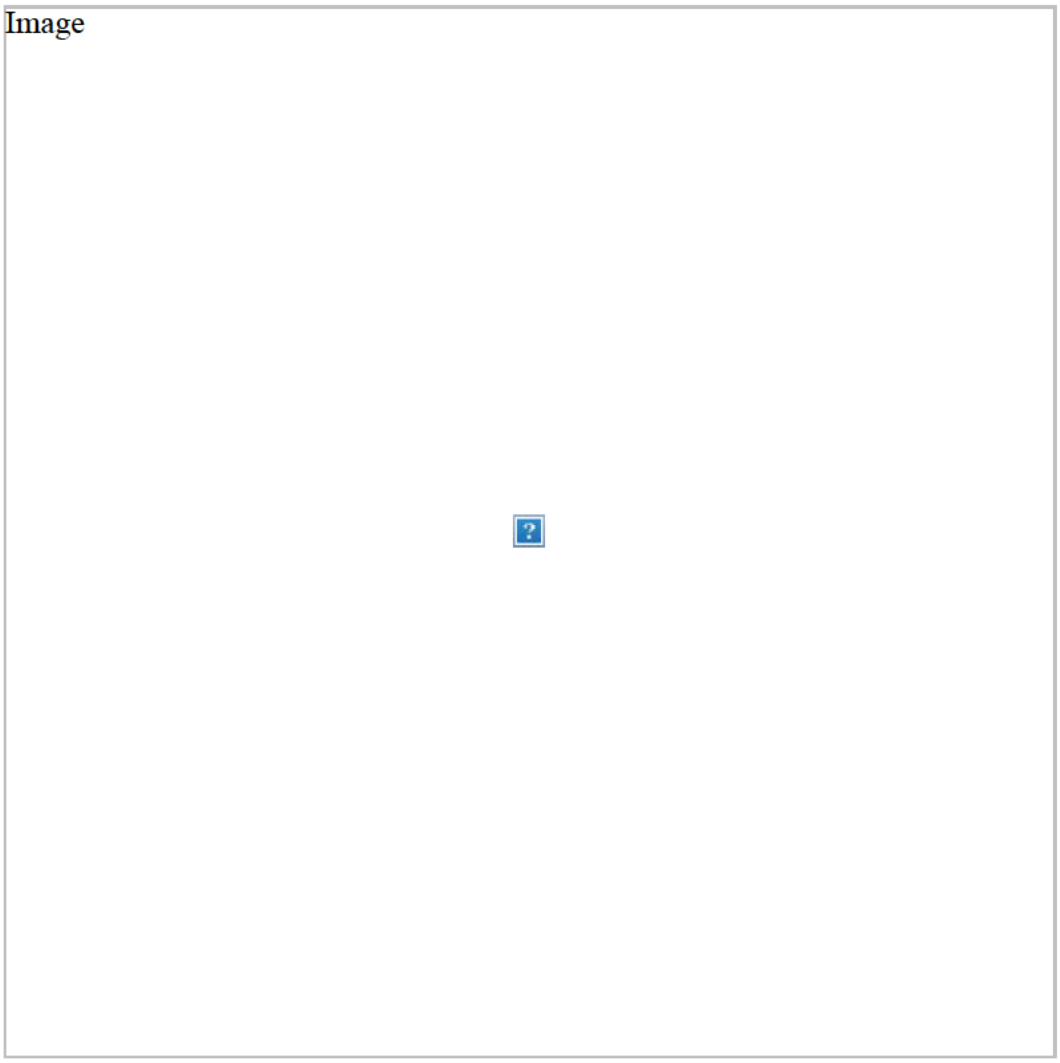
Image

SYRACUSE — New York State Attorney General Letitia James has announced the guilty pleas of 63 people for their roles in two major narcotics trafficking operations that transported heroin, fentanyl, and cocaine to Onondaga, St. Lawrence, Oswego, Oneida, and Jefferson counties.

The investigation resulted in the recovery of approximately 4,700 bags of heroin and fentanyl, worth approximately $140,000, and approximately 2 kilograms of cocaine, worth more than $200,000, according to a news release from the Attorney General's office.

"These individuals flooded our communities with dangerous drugs that are putting New Yorkers at great risk," said Attorney General Letitia James in the news release.

House bill would give border agents tool to detect synthetic opioids



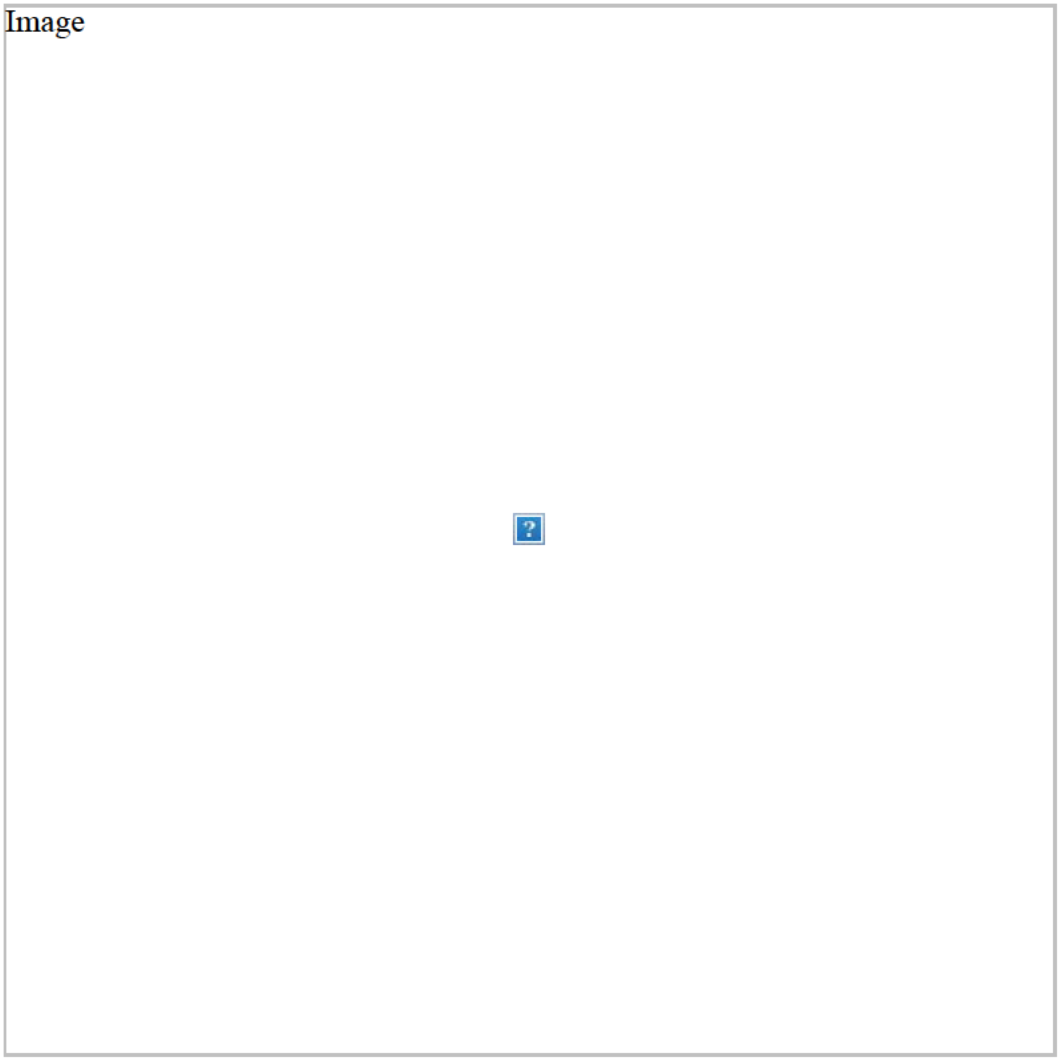
A bill that would give U.S. Customs and Border Protection (CBP) agents the equipment to detect synthetic opioids has been introduced in the U.S. House.

The DHS Opioid Detection Resilience Act of 2019 requires the Commissioner of CBP to procure chemical screening devices that allow border patrol agents to identify narcotics, including synthetic opioids, with purity levels of less than 10 percent. A 2018 study by the Drug Enforcement Administration (DEA) found that most fentanyl seized at the southwest border tends to be less than 10 percent pure. These changes would fill the gap that currently exists in identifying these synthetic opioids.

“Stopping the flow of illegal drugs across our southern border and at ports of entry is a top priority for our CBP law enforcement officers. This includes fentanyl and other synthetic opioids that can be difficult to detect. Our legislation ensures that DHS has the necessary equipment to detect synthetic opioids and the ability to adapt as smuggling methods evolve. We want to prevent this poison from ever reaching American communities, and our bill helps law enforcement carry out that mission,” Rep. Clay Higgins (R-LA), the bill’s sponsor, said.

Teens brawl with police in Brooklyn subway station

Image



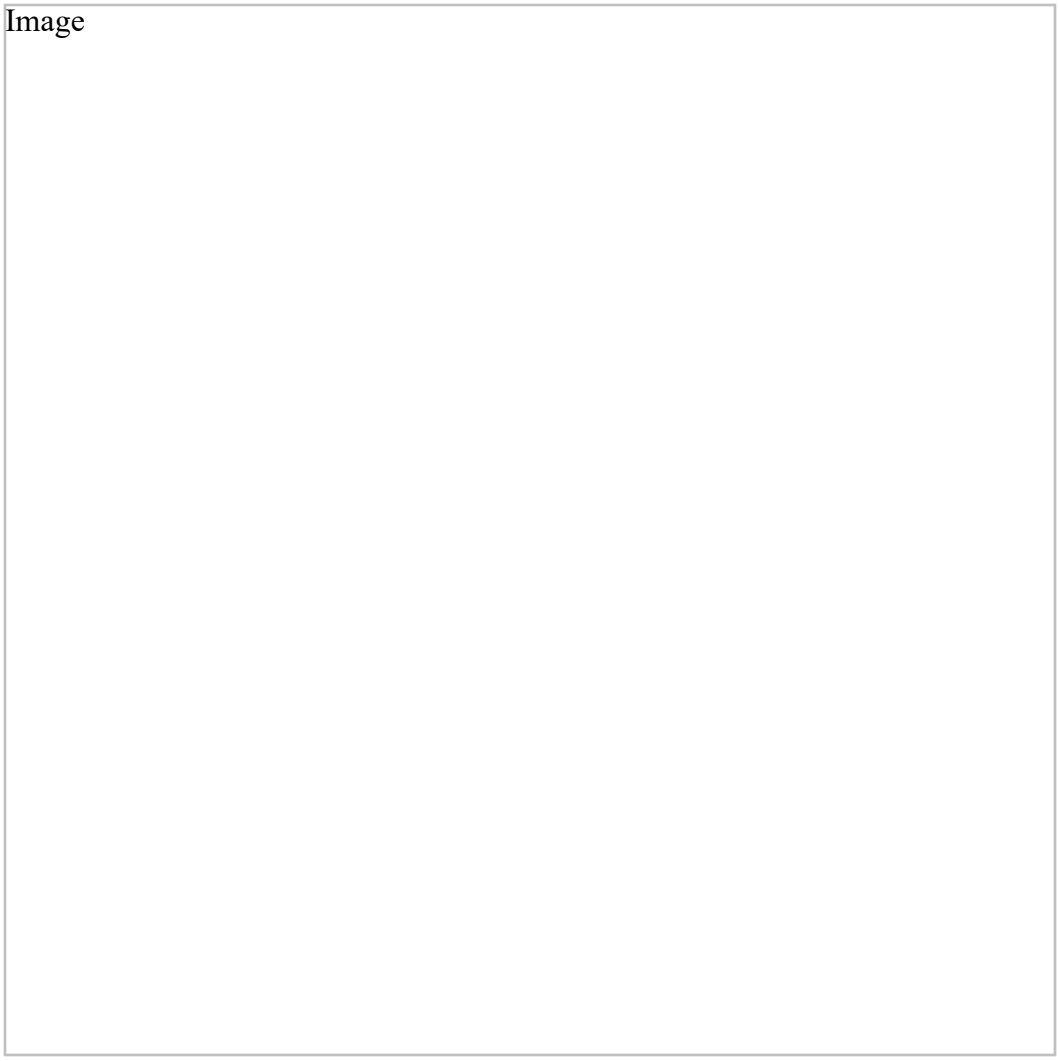
BROOKLYN, N.Y. – A video showing members of the NYPD

trying to break up a fight and instead ending up in an all-out brawl with a mob of New Yorkers has gone viral… and media outlets were quick to condemn the cops who were involved.

The Post said that the incident unfolded on Saturday morning around 2:30 a.m. as officers responded to the scene of a fight on the platform of a subway station. The fights had originally began up on Jay Street between two groups of people before the violence spilled down into the station.

Cell phone video captured at the scene shows officers rush into the area and try to pull the brawling teens apart, attempting to put one of the suspects in handcuffs. Other individuals on the outside of the skirmish appear to be pulling the officers away.

The heartbreaking final text this human trafficking victim sent before dying in UK truck



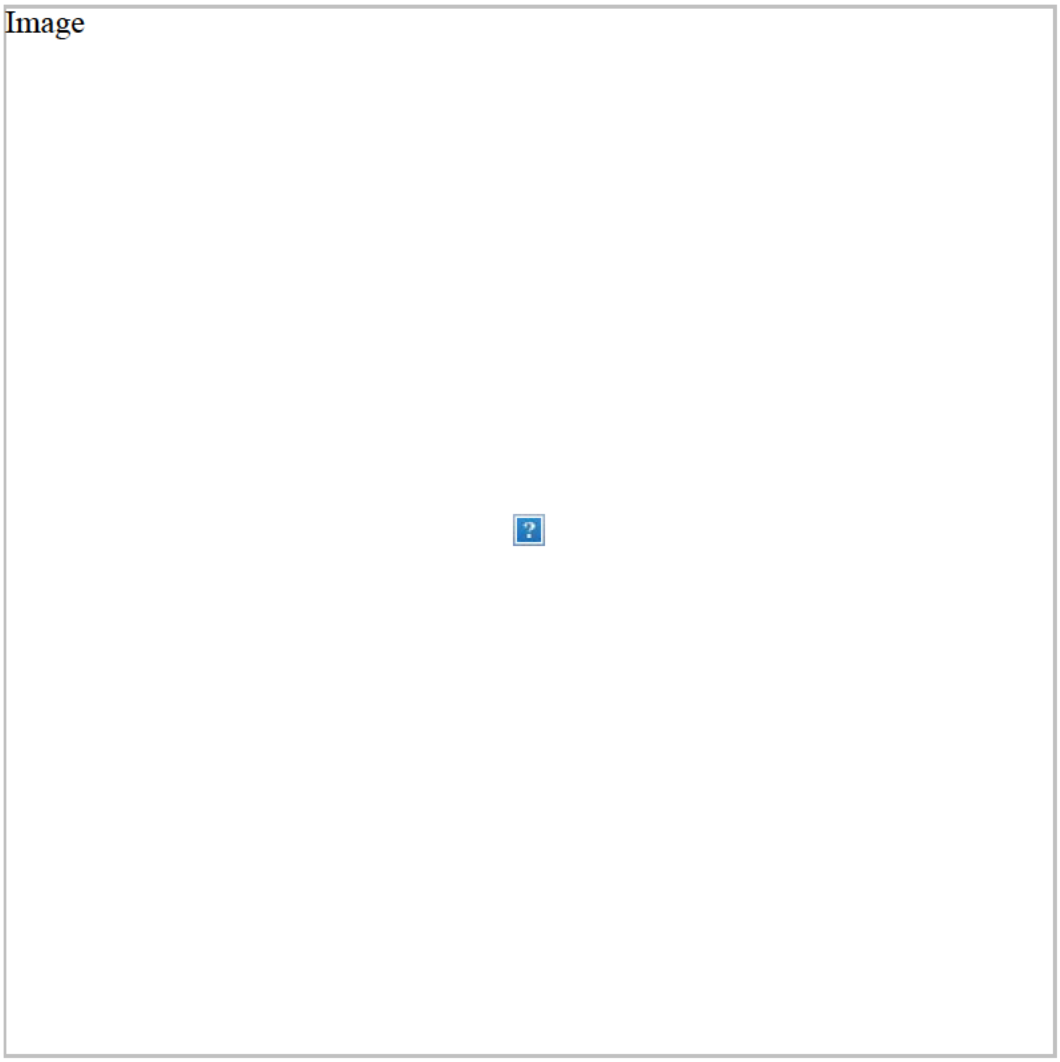
A 26-year-old Vietnamese woman texted her mom frantically that she was suffocating in the truck in which the bodies of 39 people were found in England — and apologized that her journey to a better life ended tragically, according to a report.

“I’m sorry Mom, my path to abroad didn’t succeed,” Pham Thi Tra My wrote in a series of messages about 10:30 p.m. Tuesday, according to the Mirror.

“Mom, I love you and Dad so much! I’m dying because I can’t breathe,” she added.

News about the young woman’s final moments emerged as two more people were arrested after eight women and 31 men were found dead Wednesday in a case that has shocked Britain and made headlines around the world.

Labor Trafficking Is A Crime You Probably Don't Notice



It has been more than four years since Catherine Piedad called 911 from a $1.7 million home in Newton.

In 2015, she worked long hours to care for a Russian family's young twins. Her passport was taken, and she slept in a small room with little light and nowhere to store her clothes. When she asked to be paid, her employer threatened to send her back to the Philippines. She feared deportation and did not know who to trust.

Despite her fear, she called 911. Law enforcement helped her

to leave the family's home but did little else. They did not see her case as "labor trafficking." Instead, the incident was labeled a "labor dispute." Piedad struggled to access her rights — despite the robust federal and state laws designed to protect her.

You've probably heard of sex trafficking, which often involves perpetrators who force, trick or coerce victims into sexual servitude. Although difficult to see, sex trafficking is often visible to law enforcement through the internet: perpetrators sometimes leave a footprint online, which can provide a critical entry point for criminal investigations.

The Mafia's history in Las Vegas: From Bugsy Siegel to Anthony Spilotro

Image

Benjamin “Bugsy” Siegel had been at the helm of the Flamingo for only six months in June 1947 when he was killed in a hail of gunfire at his girlfriend’s Beverly Hills, Calif., home.

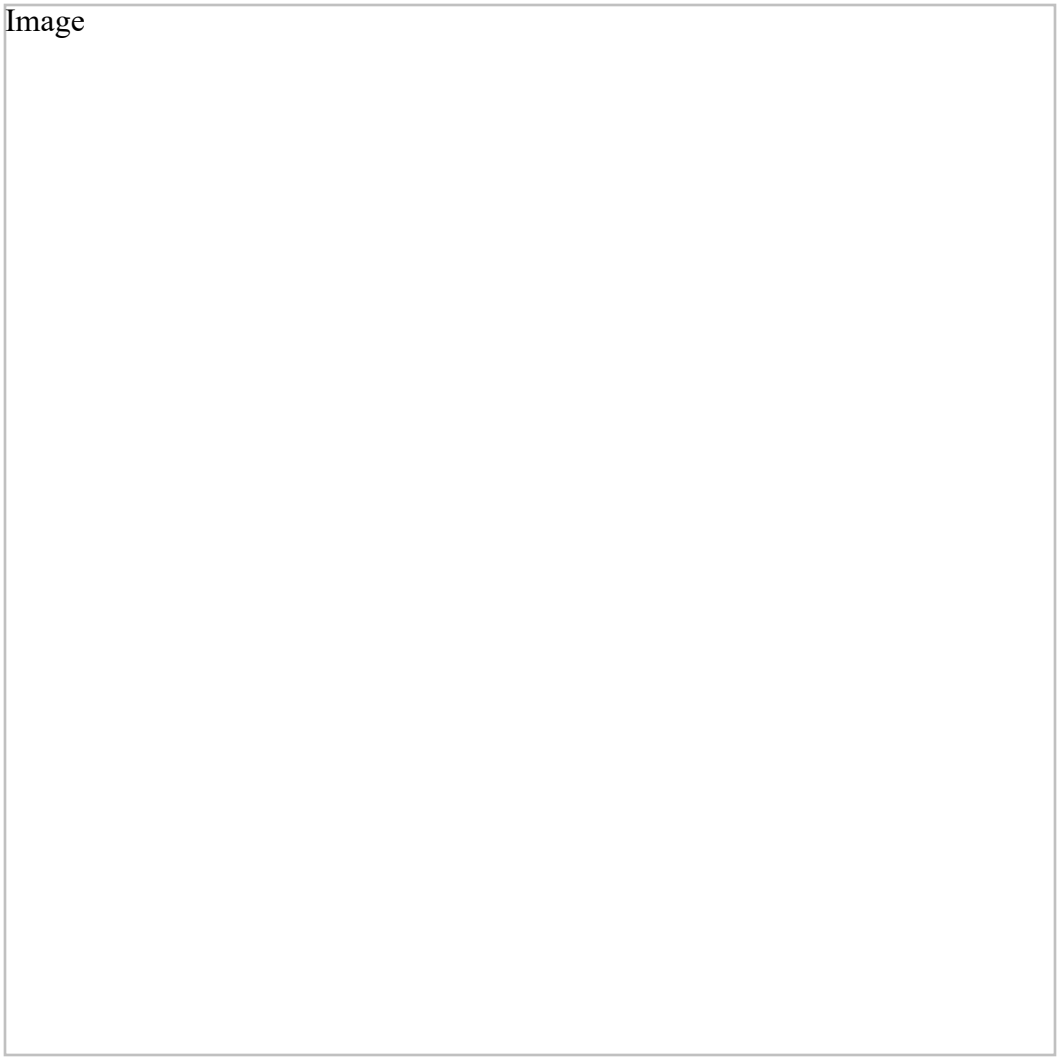
But his vision for the Flamingo, the first resort-style hotel on the Strip, was the beginning of a 50-year relationship between Las Vegas and traditional organized crime that helped define “Sin City”and turn it into one of the world’s top tourist destinations.

“The general perception on the part of the public is that Las Vegas and the mob have been inextricably linked, and I don’t think it will ever be extricated,” former longtime state archivist Guy Rocha says.

Groundbreaking books such as “The Green Felt Jungle” in 1963, which revealed the mob’s early grip on the city, and popular movies such as “The Godfather” in 1972 and “Casino” in 1995 enhanced this perception through the years.

So did the buzz on the Strip over the Rat Pack, led by headliner Frank Sinatra and his associations with high-profile underworld figures.

New Bill To Bring Illegal Gambling In California Closer To An End



Gambling in the US, as well as in the whole world, is one of the most entertaining and lucrative endeavors. Not only does it provide fun and joy to the players, but it also offers an opportunity to make a fortune.

The gambling operators all around the world are doing everything they can to attract new customers. From online free spins for Australians to no deposit bonuses and other promotions in other countries, casino operators are full of such impressive offers.

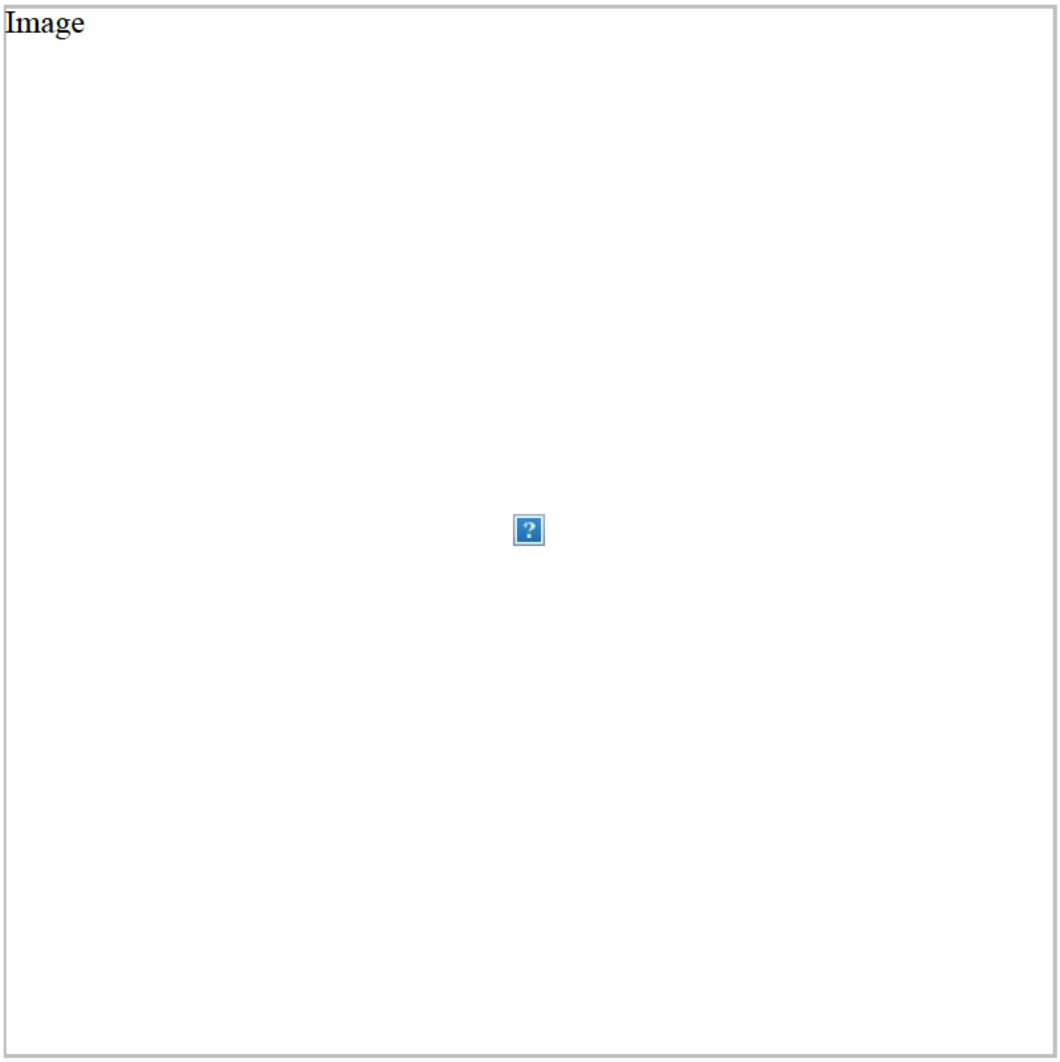
However, the industry isn't just this fairy-tale source of joy and money. It also has its drawbacks. With problem gambling, organized crime, and money laundering prospects, gambling has long been considered threatening to society.

That's the reason why the US government, alongside other

governments worldwide, have been eager to put the industry under the limitations and protect the interests of their citizens. With the regulatory restrictions and measures, the government officials have deemed ill-gotten gains illegal and contributed to ending gambling-related crime.

Best true-crime books of all time

Image

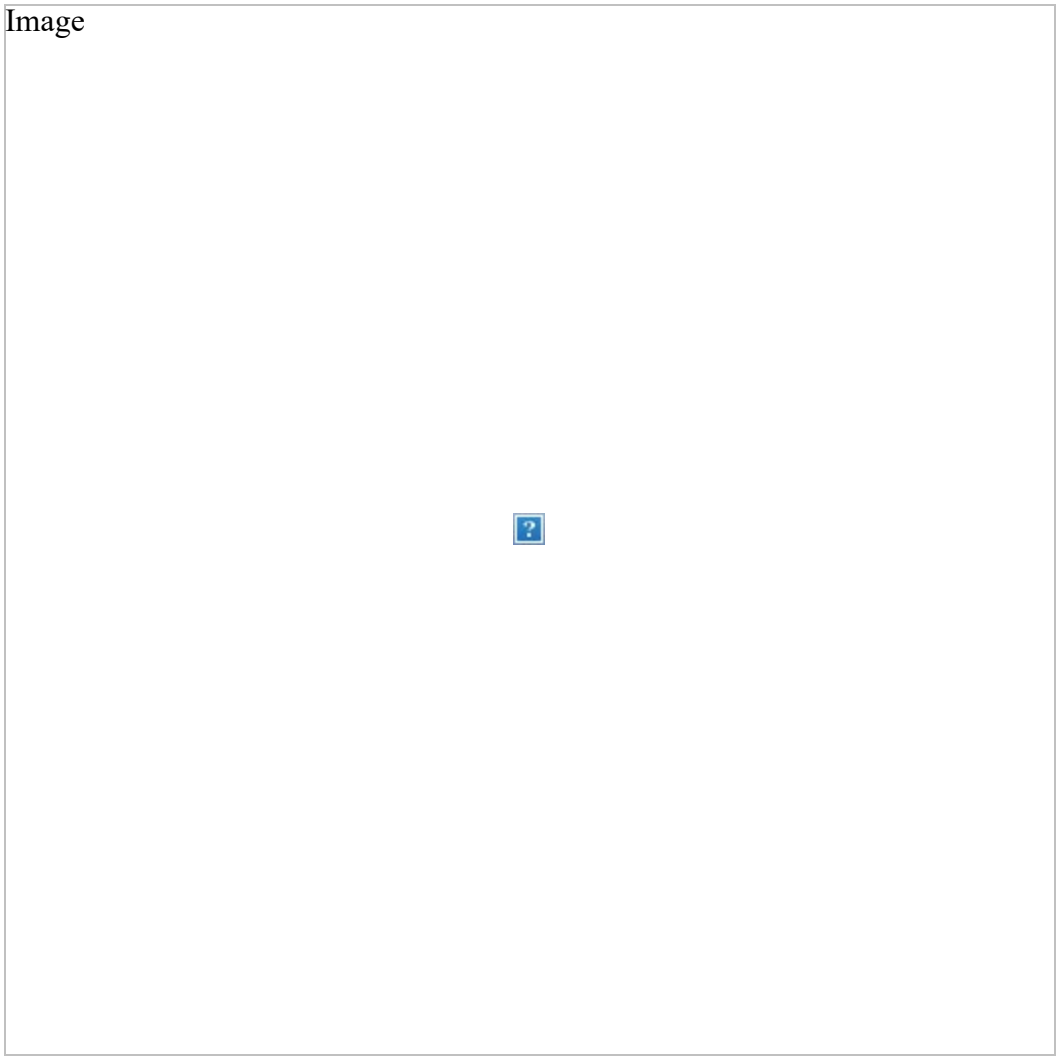


Terrifying tales are not the domain of fiction alone. If you are in search of bone-chilling scares, we recommend you turn to true crime. The key word being true. That's right, no imagination needed. Including stories about such horrific figures as Charles Manson and Ted Bundy, Goodreads compiled a list of the top 10 true-crime books

of all time based on the lists, reviews and ratings of their more than 90 million members.
AP

How a Facebook Crime Page Led to Arrest of N.C. Woman in Cold Case Killing of Sister-in-Law

Image



A Facebook page devoted to the murdered, missing or miscreant residents of western North Carolina is being credited with helping authorities bring charges in the 15-year-old cold-case killing of a missing mom of four, allegedly at the hands of her sister-in-law.

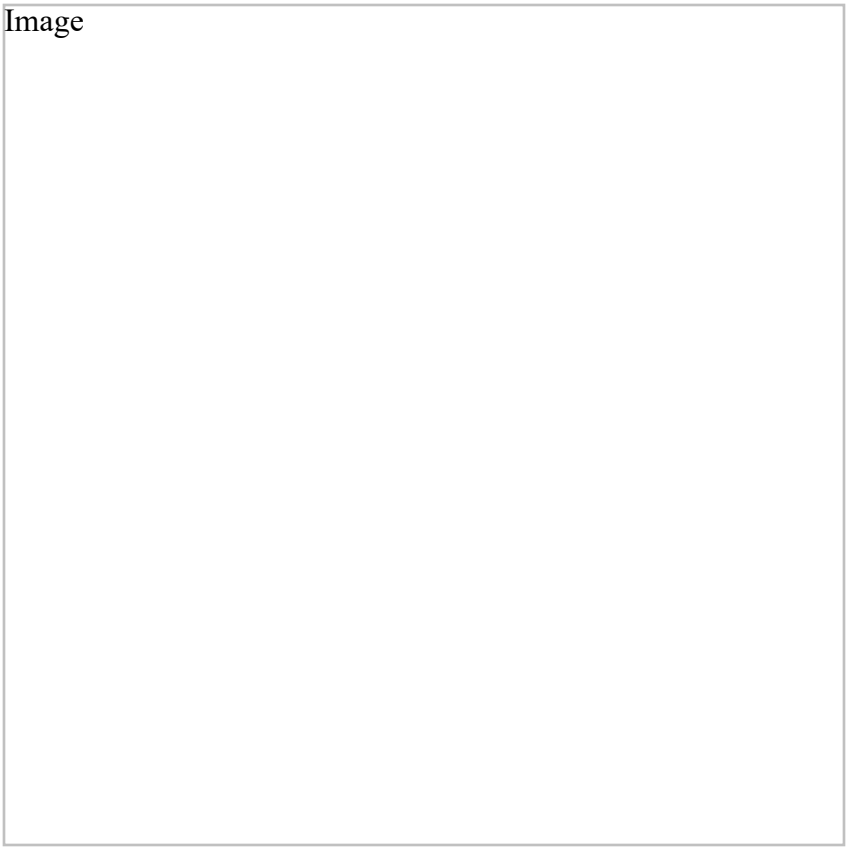
The tip that led authorities to a “shallow grave” containing the remains believed to be those of 29-year-old Deborah Elaine Deans “proved to be very accurate and very reliable,” Nash County Sheriff Keith Stone told reporters last week.

But the tipster did not go to police at first.

Instead, the unidentified person sent information about the alleged crime to a woman who created and runs a Facebook page called Fighting Crime News and Who’s Wanted, an online outlet whose updates range from wanted posters to promotions of local elections and warnings about traffic tie-ups.

On October 20, a re-post about the unsolved missing-person case of Deans — who was last seen around 9 a.m. on January 19, 2004, at a residence on Wiley Road in Spring Hope — elicited a “very detailed” response that was forwarded to authorities by the Facebook page creator, said Nash.

Google Maps Adds ability to see speed limits and speed traps in 40+ countries

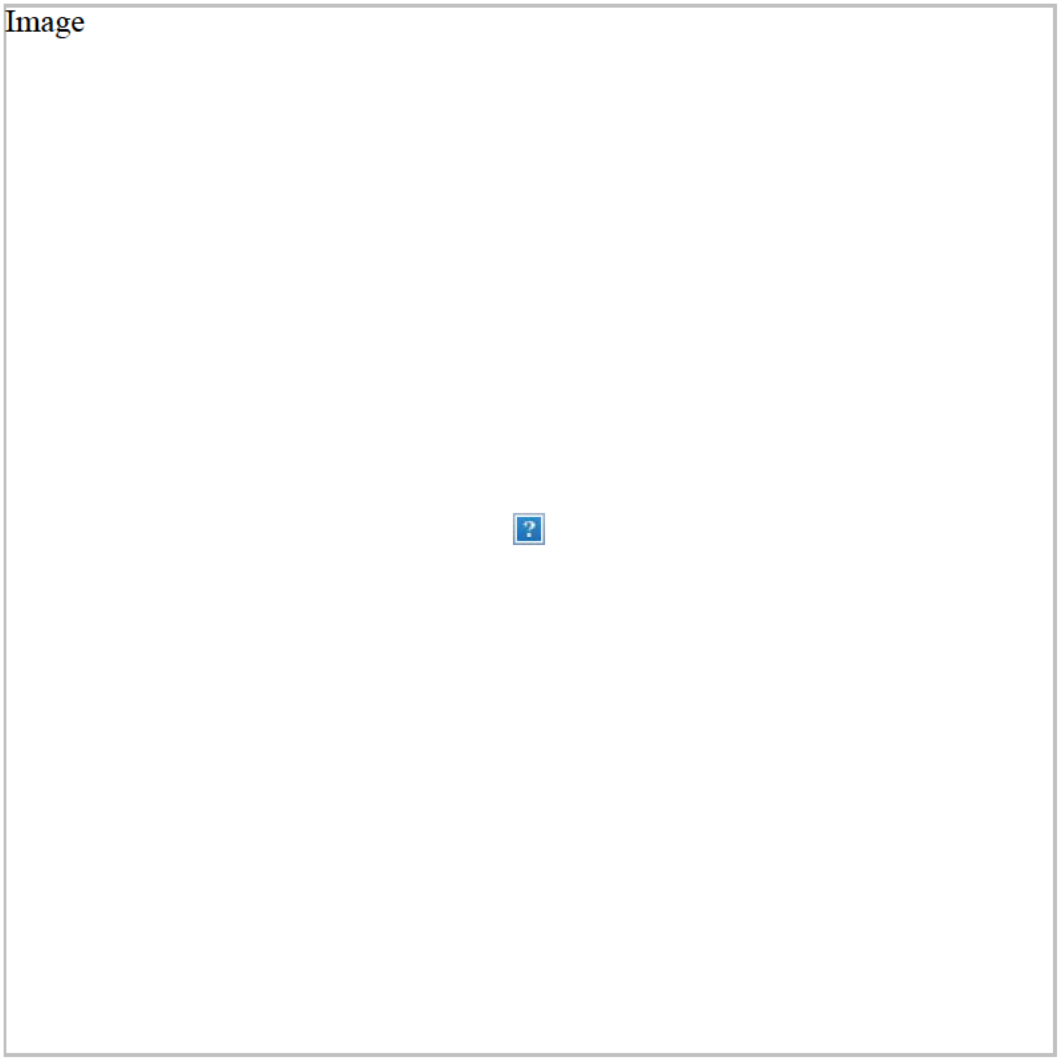


Google Maps is gaining some features previously exclusive to Google's navigation app, Waze. The company confirmed it's rolling out the ability for Google Maps users to see speed limits, speed cameras and mobile speed cameras in more than 40 countries worldwide — an expansion of its earlier launch of these features, which were previously limited to select markets.

The change was noted earlier by ZDNet and, of course, Reddit.

Google confirmed with TechCrunch the full list of supported countries now seeing the speed cameras, which currently includes: Australia, Brazil, U.S., Canada, U.K., India, Mexico, Russia, Japan, Andorra, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, Greece, Hungary, Iceland, Israel, Italy, Jordan, Kuwait, Latvia, Lithuania, Malta, Morocco, Namibia, Netherlands, Norway, Oman, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, South Africa, Spain, Sweden, Tunisia, and Zimbabwe.

The Ethics Board of One of the Largest Vendors of Police Tech (Axon) Makes the Case Against ALPRs



Automated License Plate Readers (ALPRs)—a mass surveillance technology that allows law enforcement to record the location and travel patterns of nearly every driver on the road—are poorly regulated, threaten privacy, and worsen the racial and economic inequalities already ingrained in our justice system.

That's what EFF and other advocates have been saying for years. But now it's coming from an oversight body formed by one of the nation's largest police tech vendors.

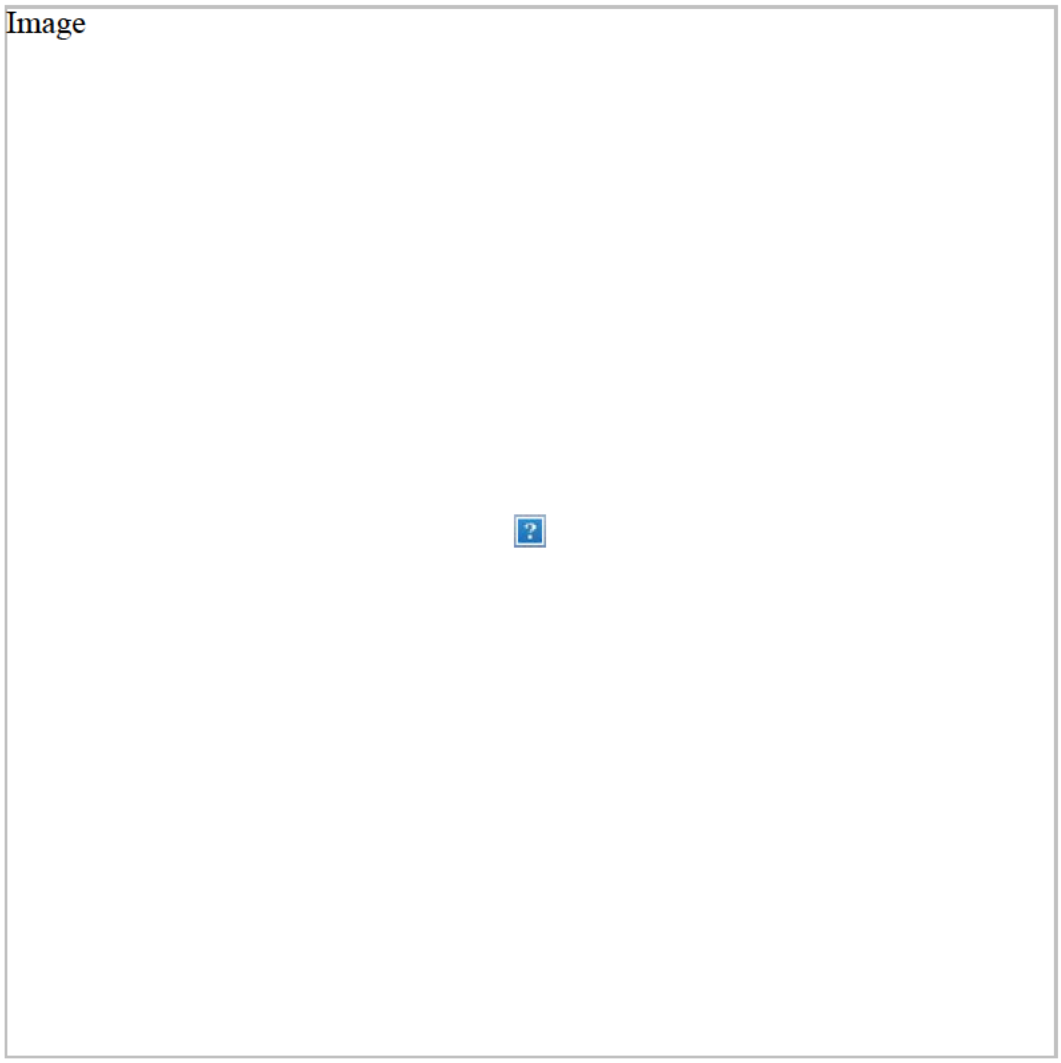
Last week, the AI and Policing Technology Ethics Board at

Axon, a tech company best known for popularizing body-worn cameras and the Taser, released a damning report concerning the commercial sale of ALPRs. The board, whose purpose is to “help guide and advise the company on ethical issues,” concluded that while it sees the potential value of ALPRs, their current role in society is too broad and problematic. The sheer amount of information that ALPRs gather and store was also a concern for the ethics board—particularly when privately collected data is often for sale to whoever wants to buy it.

ALPR systems include cameras that can be mounted on vehicles like police patrol cars or private tow trucks, or on stationary locations such as streetlights or overpasses. These cameras capture every license plate that passes and index them based on time, date, and location. A police officer can search ALPR databases to learn where a vehicle was in the past or even get real-time alerts when a driver passes by an ALPR camera. Research by EFF, MuckRock, and others have found that even small police departments are able to collect millions of plate scans a year, and often agencies are sharing this data with hundreds of other agencies across the country. Private companies also use ALPR and sell their data to police, financial lenders, insurance companies, private investigators, and debt collectors.

Amazon's Ring is 'the Neighborhood Watch of 2020,' police say as doorbell cams proliferate

Image



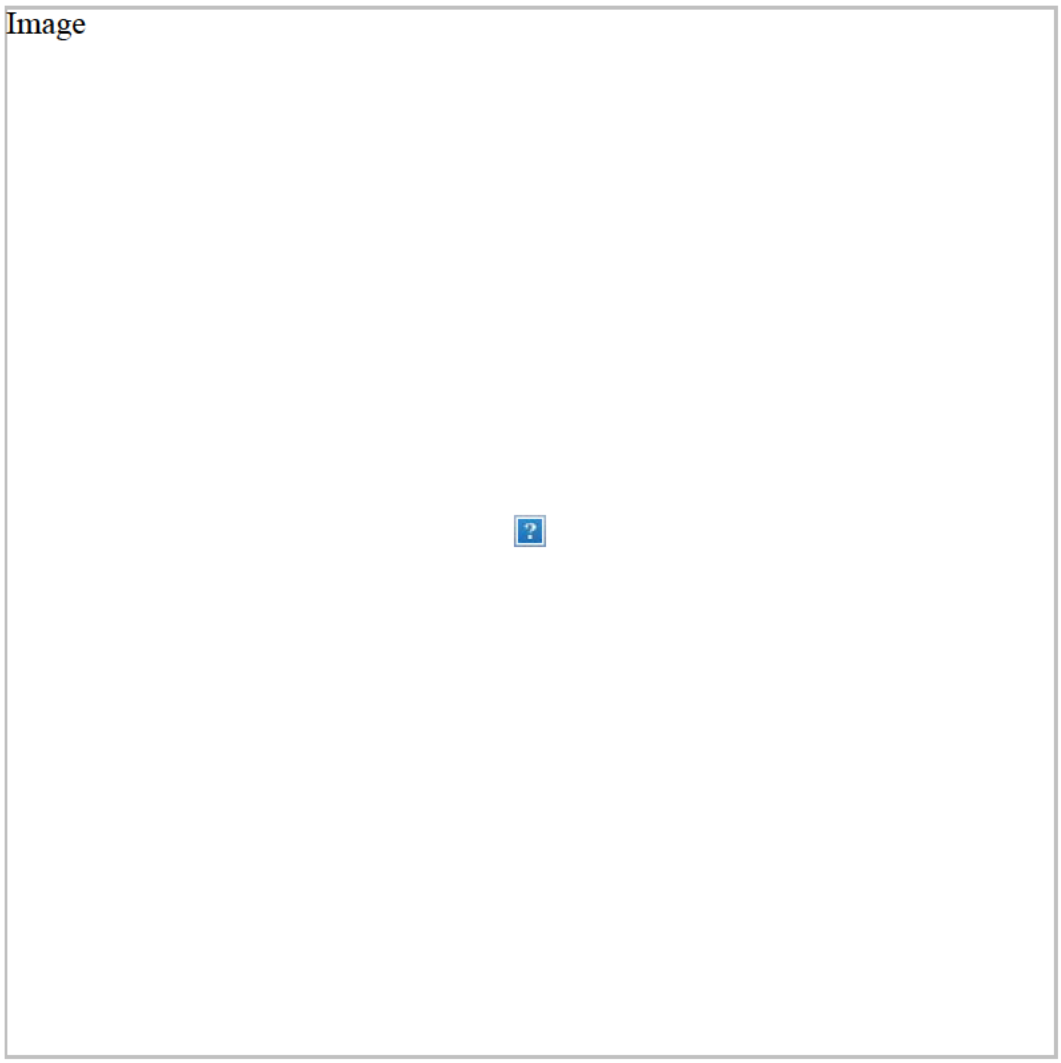
That's all it took Livonia Police to arrest a man, who hours earlier was caught on video posted on Ring's Neighbors app rummaging through the bed of a pickup parked in a driveway.

Detectives quickly recognized 60-year-old Jeffrey Couch when they saw the video posted by an app user in mid-August. Within a week, he pleaded no contest in court to two attempted larceny charges and was sentenced to 30 days in jail.

"I truly believe this is the Neighborhood Watch of 2020," said Livonia Police Capt. Ronald Taig, whose force was one of the first law enforcement agencies in Michigan — and is one of more than 400 across the country — to partner with the Ring Neighbors app, owned by Amazon.

How the deadly drug fentanyl is making its way to the US

Image



Trump administration officials are divided over part of a proposal to crack down on illicit versions of fentanyl, the deadly synthetic painkiller that President Donald Trump targeted in declaring a national opioid abuse emergency.

In an inter-agency dispute that highlights the challenges of curbing opioid abuse, the US Drug Enforcement Administration (DEA) is publicly backing tighter rules for fentanyl analogs, which are slightly altered copycat versions of the powerful drug fueling an explosion in overdoses.

In this case, the bill would cut the Food and Drug Administration out of the time-consuming review process by

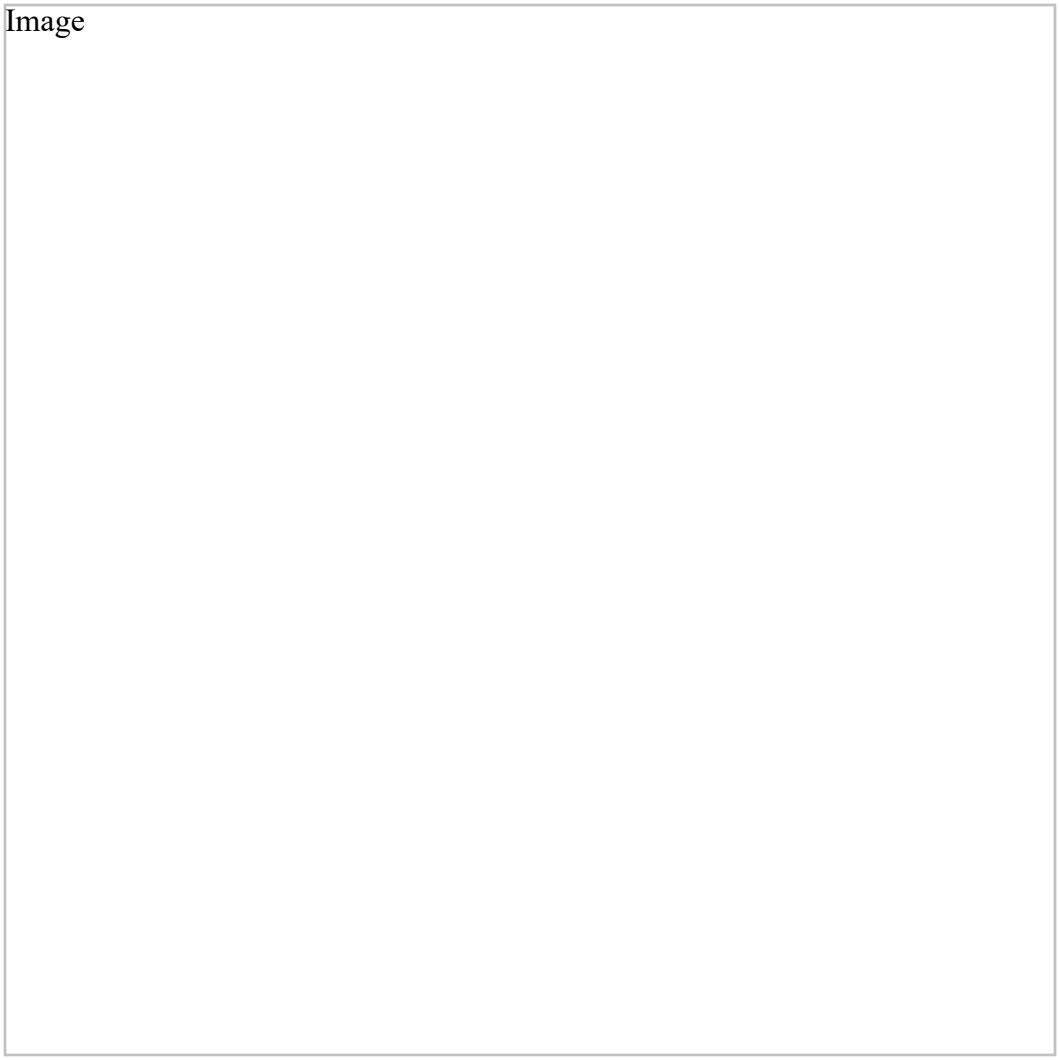
letting the DEA permanently classify illicit fentanyl analogs as Schedule I drugs, like heroin, which are deemed to be addictive with no medical use.

The DEA says these legal changes would help prosecutors keep pace with criminals who constantly churn out chemically tweaked fentanyl analogs to evade strict Schedule I regulations.

Of 70,200 US drug overdose deaths in 2017, according to the CDC, about 41% involved synthetic opioids, such as fentanyl and illicit analogs of it. Most of them are made in China.

Fentanyl, some versions of which are approved to treat cancer pain, is 100 times more potent than morphine.

Trump Orders Study of Root Causes of Crime, Policing Practices



President Trump on Monday ordered Attorney General William Barr to establish a new commission to study crime and law enforcement with the goal of recommending “actions that can be taken to prevent, reduce, and control crime, increase respect for the law, and assist victims.”

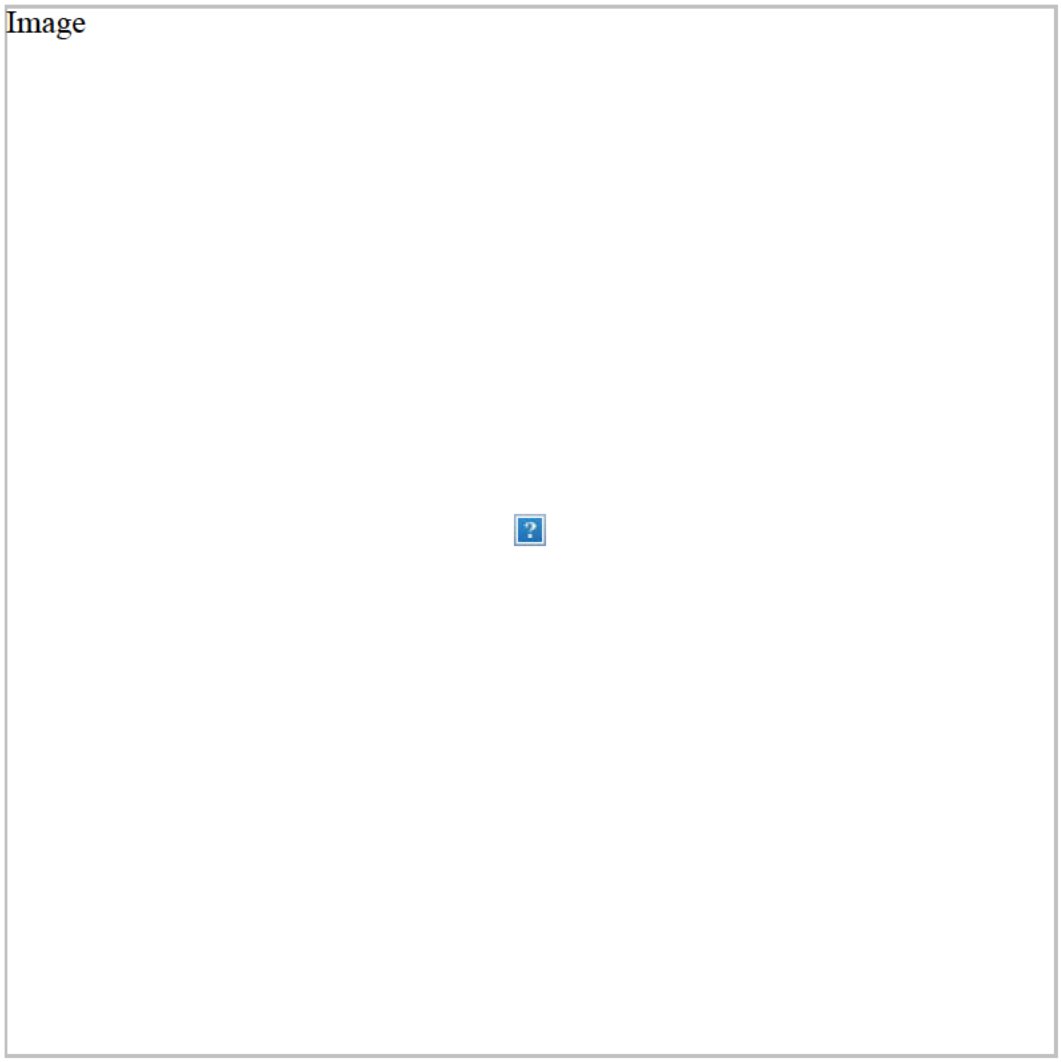
Following remarks in Chicago at the annual International Association of Chiefs of Police conference, the president signed an executive order establishing the Commission on Law Enforcement and the Administration of Justice. The commission will study the influence of substance abuse, homelessness and mental illness on crime as well as examine best practices to recruit, train and support law enforcement, among other things.

“Rigorous study of crime, including its causal factors, and current law enforcement practices is essential to assessing our

current criminal justice system's merits and opportunities for improvement," the executive order stated. "Public safety and proper policing are issues of both national and local significance that continue to require the close cooperation and coordination between the Department of Justice and state, local, and tribal law enforcement."

Quality Afterschool Programs Proven to Reduce Crime

Image



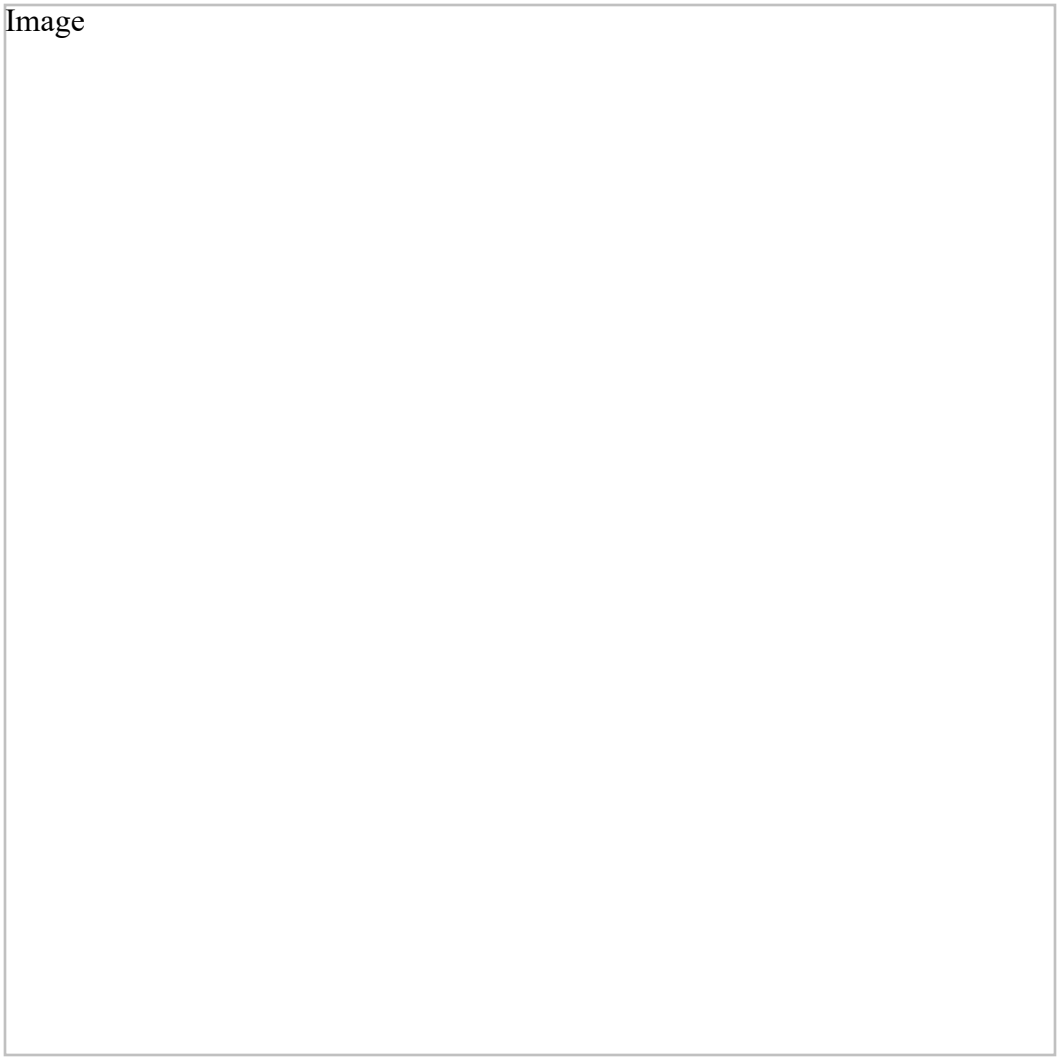
As a member of your District Attorney's Office for almost 30 years, and your DA for nearly 10, I've learned that the hours after school lets out are the prime time for juvenile crime.

It is between these hours of 2 to 6 p.m. that youth are more likely to be arrested for assault, theft and drug-related crimes.

Quality afterschool programs have been proven to reduce these crimes in our community, keep students engaged, and improve academic performance and student behavior.

A new report from Fight Crime: Invest in Kids shows that when youth have access to high-quality, affordable afterschool programming, they benefit immensely from homework help and outdoor activities, and they're less likely to commit or become victims of crime.

Australia's government is floating an idea to scan internet users' faces before they can watch porn online



Australia's Department of Home Affairs has touted an idea to use facial recognition software in order to verify internet users ages before they can access pornography or gambling websites.

In its parliamentary submission, the department says that its Document Verification Service and Face Verification Service — though broadly intended to be used as systems for fighting crime and identity theft — could also be used by police for age verification controls.

"This could assist in age verification, for example by preventing a minor from using their parent's driver licence to circumvent age verification controls," the submission states.

"Whilst they are primarily designed to prevent identity crime, Home Affairs would support the increased use of the

Document and Face Verification Services across the Australian economy to strengthen age verification processes."

Police turn to hackers in Australia's first crowdsourced attempt to find missing people

Image



For decades the traditional 'missing person' poster has been used to enlist the community's help to find individuals who may be in danger.

But with more than 2,600 Australians now listed as a "long-term" disappearance, the federal police are trying what they hope will be a more successful tactic: turning the search into a

game.

More than 350 internet sleuths and "ethical hackers" — hobbyists and professionals — gathered at 10 locations around the country on Friday in a national missing-persons "hackathon".

The aim was to generate leads for 12 of Australia's most frustrating cold cases, using sophisticated but legal methods of trawling the internet.

And organisers said the results were astounding: 100 leads were generated every 10 minutes the competing teams worked.

Police overseas have used crowdsourcing in the past for help with isolated cases, aided by these largely voluntary "open-source intelligence" (OSINT) enthusiasts.

But Linda Cavanagh, of the Canberra Cyber Security Innovation Node, said the Australian event was the first of its kind to be deployed on a national scale.

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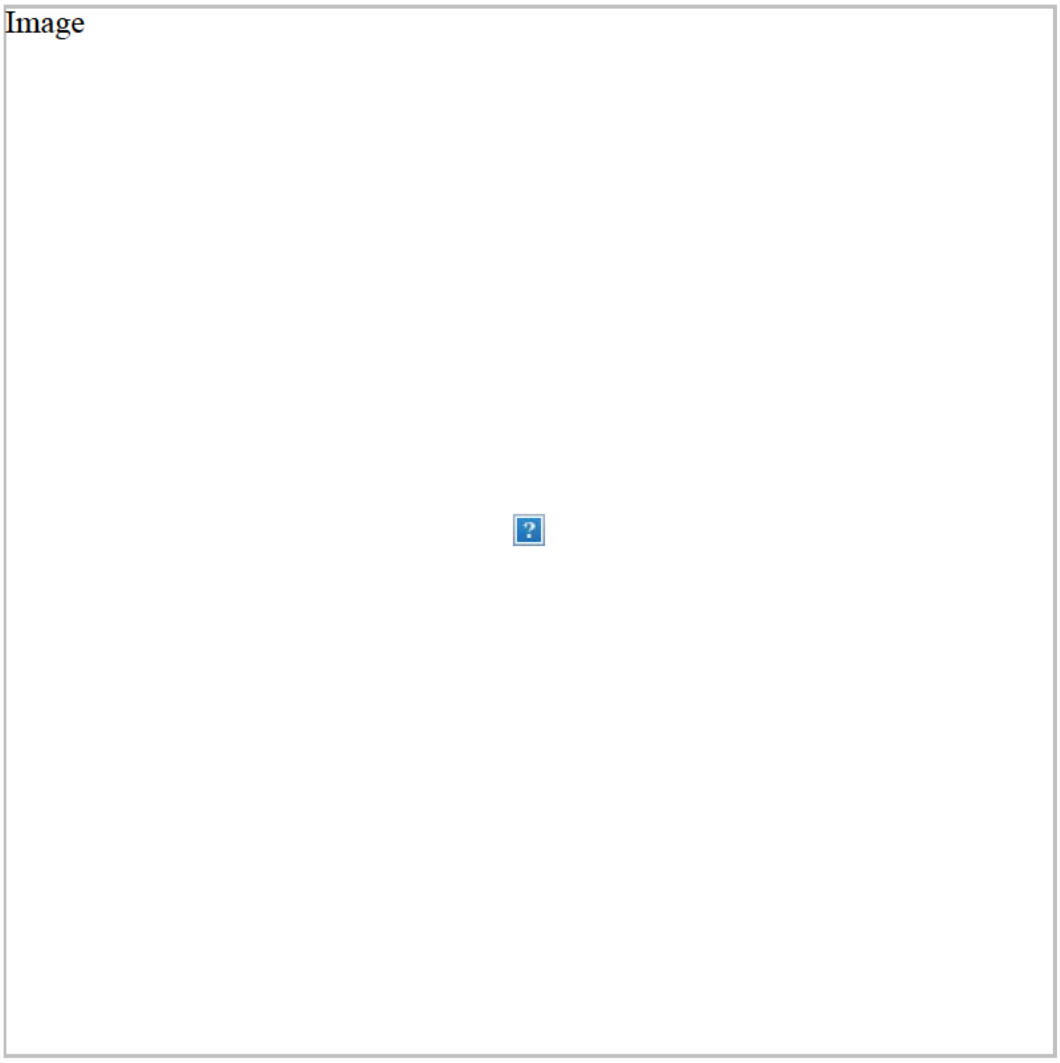
10 of the Best Tools to Find Relevant Influencers on Social Media

Image

While it's become a much bigger consideration in recent years, influencer marketing, as a practice, has actually existed for a very long time. In the past, however, influencers were only on TV or in magazines, and unlike social media, TV and newspapers are limited, which led to a situation where a select number of celebrities were able to charge tons of money for making an ad for Pepsi or Swatch in order to influence consumer behavior.

With the birth of social platforms, everything changed. The Internet has no limits, there can be as many influencers as the world requires. They can be of any age and social status, and in any area of expertise (or no area of expertise). And they can work with any brand.

How Your Volunteering Trip Could Contribute To Human Trafficking



The advent of cheap air travel and Instragammable holiday photos, combined with a longing for meaning, has created a new breed of traveler: the voluntourist. This ever-growing trend describes people, most often young and affluent Westerners, who travel to the global South to help with community projects.

While no doubt sweetly intentioned, there is considerable concern over the fad of “voluntourism” and whether it does more harm than good for the communities in developing countries – especially when it involves children or work at an orphanage. On the surface of the problem, it’s questionable whether treating the developing world as a playground is an effective model to address systemic poverty and care for vulnerable children.

An anthropological study published in the Journal of Sustainable Tourism has shown how volunteer programs can actually contribute towards a superficial understanding of poverty that distracts from the larger systems that produce inequality and poverty. Through a series of in-depth interviews with young people from the US who volunteered in Malawi, they found their volunteer work was often carried out through a colonial and “mythologized” image of a helpless Africa needing the benevolence of the West. The volunteers also viewed African poverty in terms of the “American Dream” and the idea of pulling oneself out of poverty through hard work, as opposed to deep-rooted economic, social, and historical factors at play.



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LEIU's Central Coordinating Agency
Bob Morehouse (916) 263-1178
1825 Bell Street - Suite 205, Sacramento, CA 95825

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This email was sent to kerra.huchowski@pol.state.ma.us.

Click here to view the online version.

From: Stelmat, Jason (POL)
To: Brooks, Brian (POL)
Subject: RE: ALPR DRAFT
Date: Friday, August 16, 2019 8:17:00 AM
Attachments: Automated License Plate Recognition (DRAFT SOP 8-16).docx

---

Please see attached. I incorporated the changes we discussed and moved a couple of things around. There is one highlighted portion near the end because I wasn't sure who would be responsible for annual review of the policy. That would be the Major's decision.

From: Brooks, Brian (POL)
Sent: Monday, August 12, 2019 7:36 PM
To: Stelmat, Jason (POL)
Subject: RE: ALPR DRAFT

Sounds good

From: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Sent: Monday, August 12, 2019 7:27 PM
To: Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>
Subject: RE: ALPR DRAFT

2:00pm?

From: Brooks, Brian (POL)
Sent: Monday, August 12, 2019 7:22 PM
To: Stelmat, Jason (POL)
Subject: RE: ALPR DRAFT

Sounds good, name the time

From: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Sent: Monday, August 12, 2019 7:19 PM
To: Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>
Subject: RE: ALPR DRAFT

How about Thursday?

From: Brooks, Brian (POL)
Sent: Monday, August 12, 2019 6:52 PM
To: Stelmat, Jason (POL)
Subject: RE: ALPR DRAFT

Jason, I'm working doubles all week so just let me know when you'd like to meet

---

From: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Sent: Friday, August 9, 2019 4:16 PM
To: Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>

Cc: Thibault, Amy (POL) <amy.thibault@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>
Subject: RE: ALPR DRAFT

Lt. Brooks,
Please see attached. I've made some changes to ensure that this SOP only applies to the CFC and not the Department as a whole. I've also placed it on our CFC template and deleted any references to any other emails within this chain. Let me know if you'd like to meet and discuss before seeking final approval.

Best,
Jason

From: Range, Scott (POL)
Sent: Friday, August 09, 2019 3:23 PM
To: Stelmat, Jason (POL); Brooks, Brian (POL)
Cc: Thibault, Amy (POL); Gawron, Stephen (POL)
Subject: ALPR DRAFT

Jason and Brian,

This also needs to be a CFC SOP re the DHS Fusion Center requirements. Please complete same and have Det. Capt. Gawron provide final review before forwarding back to me by next Friday 8/16 so I can start final review the beginning of the following week so we can get it completed.

Also, please do not mix email chains with items or attachments unrelated to the original emails because it makes it confusing and will cause further confusion if any underlying documents have to produced under a FOUO.

Finally, please continue to ensure all DRAFT documents are labeled as such. They are DRAFT until they have received final approval and been promulagated.

Thank you

From: Stelmat, Jason (POL)
Sent: Saturday, August 03, 2019 6:13 AM
To: Range, Scott (POL); Gawron, Stephen (POL)
Subject: FW: Annual Privacy Training (MANDATORY)

FYI

From: Brooks, Brian (POL)
Sent: Friday, August 02, 2019 9:37 PM
To: Stelmat, Jason (POL)
Subject: RE: Annual Privacy Training (MANDATORY)

Jason, I just made a couple suggestions. FYI I'll be away next week. Brian

From: Stelmat, Jason (POL)
To: Brooks, Brian (POL)
Cc: Thibault, Amy (POL); Gawron, Stephen (POL)
Subject: RE: ALPR DRAFT
Date: Friday, August 9, 2019 4:16:21 PM
Attachments: Automated License Plate Recognition (DRAFT SOP 8-9).docx

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Please see attached. I've made some changes to ensure that this SOP only applies to the CFC and not the Department as a whole. I've also placed it on our CFC template and deleted any references to any other emails within this chain. Let me know if you'd like to meet and discuss before seeking final approval.

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Sent: Friday, August 02, 2019 9:37 PM
To: Stelmat, Jason (POL)
Subject: RE: Annual Privacy Training (MANDATORY)

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From: Stelmat, Jason (POL)
To: Range, Scott (POL)
Cc: Thibault, Amy (POL); Gawron, Stephen (POL); Brooks, Brian (POL)
Subject: RE: ALPR DRAFT
Date: Monday, August 19, 2019 1:31:43 PM
Attachments: Automated License Plate Recognition (DRAFT SOP - highlighted changes).docx

---

Major,
Attached is the ALPR Draft with highlights to denote the changes from TRF-11. The yellow highlights indicate new language and the grey highlights indicate items that were moved or altered in some way.

-Jason-

From: Range, Scott (POL)
Sent: Friday, August 09, 2019 3:23 PM
To: Stelmat, Jason (POL); Brooks, Brian (POL)
Cc: Thibault, Amy (POL); Gawron, Stephen (POL)
Subject: ALPR DRAFT

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Finally, please continue to ensure all DRAFT documents are labeled as such. They are DRAFT until they have received final approval and been promulagated.

Thank you

From:	Griffin, Daniel (POL)
To:	Clement, Michael (POL); Covino, Matthew (POL); Donoghue, Patrick (POL); Thurlow, Christopher J (POL); Andrade, Christopher M (POL); Buckley, Kyle (POL); Kent, Terence (POL); Copponi, Paul (POL); Alldredge, Edward (POL); Carey, Tim (POL)
Cc:	Gallagher, David (POL)
Subject:	RE: ALPR Pagis software training
Date:	Thursday, July 25, 2019 1:32:44 PM
Attachments:	image001.png LPCS QUICK START GUIDE 2013.pdf

Good afternoon,

Thank you ALL for taking the time to rearrange your schedules and attend yesterday's training. I am in the process of addressing some of the individual issues/concerns that some of you had. I spoke w Mr. Tedona yesterday after the training and he was somewhat taken back by the depth of the questions as it shows that several of you have spent some time on the system.

I have attached the PAGIS cheat sheet and will be in touch as I go forward with the unresolved requests. Thank you.

Respectfully,

Lieutenant Daniel J. Griffin 1129
Massachusetts State Police
Traffic Programs Section
General Headquarters
480 Worcester Rd. **(please note new address)**
Framingham, Ma. 01702
508-988-7404
daniel.griffin@massmail.state.ma.us

From: Griffin, Daniel (POL)
Sent: Thursday, July 11, 2019 1:53 PM
To: Clement, Michael (POL) <michael.clement@pol.state.ma.us>; 'Covino, Matthew (matthew.covino@pol.state.ma.us)' <matthew.covino@pol.state.ma.us>; Donoghue, Patrick (POL) <Patrick.Donoghue@pol.state.ma.us>; Thurlow, Christopher J (POL) <Christopher.J.Thurlow@pol.state.ma.us>; Andrade, Christopher M (POL) <Christopher.M.Andrade@pol.state.ma.us>; Buckley, Kyle (POL) <kyle.buckley@pol.state.ma.us>; Kent, Terence (POL) <Terence.Kent@MassMail.State.MA.US>; Copponi, Paul (POL) <paul.copponi@pol.state.ma.us>; Alldredge, Edward (POL) <edward.alldredge@pol.state.ma.us>; Carey, Tim (POL) <tim.carey@pol.state.ma.us>
Cc: Gallagher, David (POL) <david.gallagher3@MassMail.State.MA.US>; Kory Koster <KKoster@itsg.us.com>; John Tedona <jtedona@neology.net>

Subject: ALPR Pagis software training

Good afternoon,

Now that the majority of you have the ALPR system installed, it is time to get you the proper training. If you ran over Bambi and your sled is currently in the shop, you can still attend. Mr. John Tedona from Nuology will be conducting the Pagis software training on Wednesday July 24th at the Dartmouth Barracks located 265 Faunce Corner Rd in Dartmouth 02747. Training will commence at 10AM. Kory Koster will also be present should your system be in need of a slight modification to a camera ect… Short of a military commitment (Tpr Carey) I expect to see you there. If you have any issues or questions, please contact me prior to the 24th. Thank you.

Respectfully,

Lieutenant Daniel J. Griffin 1129
Massachusetts State Police
Traffic Programs Section
General Headquarters
480 Worcester Rd. **(please note new address)**
Framingham, Ma. 01702
508-988-7404
daniel.griffin@massmail.state.ma.us



From: Eric Weisz
To: Egnitz, Brian (POL); Dave Brown
Subject: RE: ALPR UPDATE
Date: Thursday, February 7, 2019 11:27:45 PM
Attachments: SFTP Hotlist Import.docx
frederick-speedtix.csv
hotlist.csv
Alpr Insrtructions.docx

Brian and Dave, sorry for my delay, I'm just getting caught up on emails during my travel.

We have Ryan, our engineer that developed the Finder software (and one that would be able to answer all your technical questions about the other parts of OpenALPR) slated to fly to Boston with Dave from MD with the test unit for you.

If you could set aside a few min on Thursday, I assure you that's all it will take.

Here are instructions for you to access the openalpr backend and all the reads we did.

Attached are a brief explanation for how to do the SFTP hotlist upload and import. Here is the SFTP info for the finder:

Mass State Police -- [redacted]

host: finderhotlist.brekford.com

user: [redacted]

password: [redacted]

[redacted]

The hotlist format is exactly the same as the manual import. Here is the information about that. This is the same information that was in the original manual.

Hotlists must be formatted as follows:

plate,state,category,message

abc1234,us-md,stolen,stolen car

- *Plate*
  - *Required*
- *State*
  - *Optional*
  - *Must be formatted as country code – state abbreviation ex. us-md us-fl*
- *Category*
  - *Optional*
  - *Will be displayed in the Alert Notification Area. Recommended to use short words like stolen, repossess, amber alert*
  - *If left blank Alert Notification area will just display HOTLIST*
- *Message*
  - *Optional*

Attached as well are some samples.

For the backend here is the information:

Mass State Police -- [redacted]

host: https://finderdemo4.brekford.com

user: demo@brekford.com

password: [redacted]

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Wednesday, February 06, 2019 6:49 AM
To: Dave Brown <dave.brown@globalpublicsafety.us>
Cc: Eric Weisz <eweisz@brekford.com>
Subject: Re: ALPR UPDATE

No problem, thanks Dave

On Feb 5, 2019, at 4:29 PM, Dave Brown <dave.brown@globalpublicsafety.us> wrote:

> Hi Brian, I want to apologize for the demo yesterday. The unit was tested and trouble shot last night and today it was determined there was nothing wrong. The unit grab plates for the 20-30 minutes we were driving around. Eric has the plate info on the server and can explain how you can access the data.
>
> We were able to determine the issue was with the tablets wifi. The tablet kept trying to

connect to the vehicle hotspot and therefore disconnecting from the reader, but the cameras were still recording plates the whole time.

I am getting the unit back and will get it you as soon as I can.

Thank you,

<image001.png>Dave Brown
Director Mobile Technology
Global Publc Safety
240-904-4307
Dave.brown@globalpublicsafety.us

From: Egnitz, Brian (POL)
To: Eric Weisz
Cc: Dave Brown
Subject: Re: ALPR UPDATE
Date: Friday, February 8, 2019 7:14:04 AM

Thanks, but don't fly in on my account. Ship it out and let's do a con call.

-Brian

On Feb 7, 2019, at 11:27 PM, Eric Weisz <eweisz@brekford.com> wrote:

> Brian and Dave, sorry for my delay, I'm just getting caught up on emails during my travel.
>
> We have Ryan, our engineer that developed the Finder software (and one that would be able to answer all your technical questions about the other parts of OpenALPR) slated to fly to Boston with Dave from MD with the test unit for you.
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> Mass State Police -- [G.L. c. 4.sec. 7.cl.26]
>
> host: finderhotlist.brekford.com
>
> user: [G.L. c. 4.sec. 7.cl.26]
>
> password: [G.L. c. 4.sec. 7.cl.26 (n)(sec]
>
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- *State*
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Attached as well are some samples.

For the backend here is the information:

Mass State Police -- [redacted]

host: https://finderdemo4.brekford.com

user: demo@brekford.com

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From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Wednesday, February 06, 2019 6:49 AM
To: Dave Brown <dave.brown@globalpublicsafety.us>
Cc: Eric Weisz <eweisz@brekford.com>
Subject: Re: ALPR UPDATE

No problem, thanks Dave

On Feb 5, 2019, at 4:29 PM, Dave Brown <dave.brown@globalpublicsafety.us> wrote:

> Hi Brian, I want to apologize for the demo yesterday. The unit was tested and trouble shot last night and today it was determined there was nothing wrong. The unit grab plates for the 20-30 minutes we were driving around. Eric has the plate info on the server and can explain how you can access the data.
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reader, but the cameras were still recording plates the whole time.

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Thank you,

<image001.png>Dave Brown
Director Mobile Technology
Global Publc Safety
240-904-4307
Dave.brown@globalpublicsafety.us

<SFTP Hotlist Import.docx>

<frederick-speedtix.csv>

<hotlist.csv>

<Alpr Insrtructions.docx>

From: brian.egnitz@pol.state.ma.us
To: Eric Weisz
Cc: Dave Brown
Subject: Re: ALPR UPDATE
Date: Friday, February 8, 2019 7:14:03 AM

Thanks, but don't fly in on my account. Ship it out and let's do a con call.

-Brian

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Attached as well are some samples.

For the backend here is the information:

Mass State Police -- [redacted]

host: https://finderdemo4.brekford.com

user: demo@brekford.com

password: [redacted]

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Wednesday, February 06, 2019 6:49 AM
To: Dave Brown <dave.brown@globalpublicsafety.us>
Cc: Eric Weisz <eweisz@brekford.com>
Subject: Re: ALPR UPDATE

No problem, thanks Dave

On Feb 5, 2019, at 4:29 PM, Dave Brown <dave.brown@globalpublicsafety.us> wrote:

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Thank you,

<image001.png>Dave Brown
Director Mobile Technology
Global Publc Safety
240-904-4307
Dave.brown@globalpublicsafety.us

<SFTP Hotlist Import.docx>

<frederick-speedtix.csv>

<hotlist.csv>

<Alpr Insrtructions.docx>

From: Egnitz, Brian (POL)
To: Dave Brown
Cc: Eric Weisz
Subject: Re: ALPR UPDATE
Date: Wednesday, February 6, 2019 6:49:28 AM
Attachments: image001.png

No problem, thanks Dave

On Feb 5, 2019, at 4:29 PM, Dave Brown <dave.brown@globalpublicsafety.us> wrote:

> Hi Brian, I want to apologize for the demo yesterday. The unit was tested and trouble shot last night and today it was determined there was nothing wrong. The unit grab plates for the 20-30 minutes we were driving around. Eric has the plate info on the server and can explain how you can access the data.
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> <!--[if !vml]--><image001.png><!--[endif]-->Dave Brown
> Director Mobile Technology
> Global Publc Safety
> 240-904-4307
> Dave.brown@globalpublicsafety.us

From: brian.egnitz@pol.state.ma.us
To: Dave Brown
Cc: Eric Weisz
Subject: Re: ALPR UPDATE
Date: Wednesday, February 6, 2019 6:49:26 AM

No problem, thanks Dave

On Feb 5, 2019, at 4:29 PM, Dave Brown <dave.brown@globalpublicsafety.us> wrote:

> Hi Brian, I want to apologize for the demo yesterday. The unit was tested and trouble shot last night and today it was determined there was nothing wrong. The unit grab plates for the 20-30 minutes we were driving around. Eric has the plate info on the server and can explain how you can access the data.
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> <!--[if !vml]--><image001.png><!--[endif]-->Dave Brown
> Director Mobile Technology
> Global Publc Safety
> 240-904-4307
> Dave.brown@globalpublicsafety.us

From: Eric Weisz
To: Egnitz, Brian (POL)
Subject: RE: ALPR UPDATE
Date: Tuesday, February 26, 2019 12:12:28 PM

G.L. c. 4.sec. 7.cl.26 (n)(secure)

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Tuesday, February 26, 2019 12:08 PM
To: Eric Weisz <eweisz@brekford.com>
Subject: Re: ALPR UPDATE

What's your phone?

On Feb 7, 2019, at 11:27 PM, Eric Weisz <eweisz@brekford.com> wrote:

> Brian and Dave, sorry for my delay, I'm just getting caught up on emails during my travel.
>
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> password: G.L. c. 4.sec. 7.cl.26 (n)(sec
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- *Plate*
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- *State*
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- *Category*
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  - *Will be displayed in the Alert Notification Area. Recommended to use short words like stolen, repossess, amber alert*
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Attached as well are some samples.

For the backend here is the information:

Mass State Police -- [redacted]

host: https://finderdemo4.brekford.com

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Sent: Wednesday, February 06, 2019 6:49 AM
To: Dave Brown <dave.brown@globalpublicsafety.us>
Cc: Eric Weisz <eweisz@brekford.com>
Subject: Re: ALPR UPDATE

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> Dave.brown@globalpublicsafety.us

<SFTP Hotlist Import.docx>

<frederick-speedtix.csv>

<hotlist.csv>

<Alpr Insrtructions.docx>

To:	Stelmat, Jason (POL)
Subject:	RE: Annual Privacy Training (MANDATORY)
Date:	Friday, August 2, 2019 9:36:41 PM
Attachments:	Automatic License Plate Recognition (draft SOP 8-2).docx image001.png

From: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Sent: Friday, August 2, 2019 3:50 PM
To: Barton, Shannan (POL) <Shannan.Barton@pol.state.ma.us>; Bender, Sean (POL) <Sean.Bender@pol.state.ma.us>; Bennett, Marcy (POL) <Marcy.Bennett@pol.state.ma.us>; Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>; Chandler, Brittany (POL) <Brittany.Chandler@pol.state.ma.us>; Coleman, Daniel (POL) <Daniel.Coleman@pol.state.ma.us>; Foley, Kristine (POL) <kristine.foley@pol.state.ma.us>; Fortier, Kimberly (POL) <Kimberly.Fortier@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>; Huber, Richard (POL) <richard.huber@pol.state.ma.us>; Huchowski, James (POL) <james.huchowski@pol.state.ma.us>; Huchowski, kerra (POL) <kerra.huchowski@pol.state.ma.us>; Neville, Christopher (POL) <Christopher.Neville@pol.state.ma.us>; Nystrom, Lindsey (POL) <lindsey.nystrom@pol.state.ma.us>; O'Leary, Sarah (POL) <Sarah.OLeary@pol.state.ma.us>; Panacopoulos, Laurie (POL) <laurie.panacopoulos@pol.state.ma.us>; Pirrotta, Melissa S. (POL) <melissa.pirrotta@pol.state.ma.us>; Range, Scott (POL) <scott.range@pol.state.ma.us>; Salvatore, Justin (POL) <Justin.Salvatore@pol.state.ma.us>; Smith, Eleanor (POL) <Eleanor.Smith@pol.state.ma.us>; StPierre, Barbara (POL) <barbara.stpierre@pol.state.ma.us>; Thibault, Amy (POL) <amy.thibault@pol.state.ma.us>; Upton, Paul (POL) <Paul.Upton@pol.state.ma.us>; Wilczynski, Kristin (POL) <kristin.wilczynski@pol.state.ma.us>; Colahan, Bailey <bailey.colahan@jud.state.ma.us>; Crowley, Timothy (POL) <timothy.crowley@pol.state.ma.us>; Egnitz, Brian (POL) <brian.egnitz@pol.state.ma.us>; Ferrazzani, Kurt (POL) <kurt.ferrazzani@pol.state.ma.us>; Foster, John (POL) <John.Foster@pol.state.ma.us>; Jorge, Lucas (POL) <lucas.jorge@pol.state.ma.us>; Sarrouf, Thomas (POL) <thomas.sarrouf@pol.state.ma.us>; Slattery, John (POL) <john.slattery@pol.state.ma.us>
Subject: Annual Privacy Training (MANDATORY)
Importance: High

Hello all,
This year's annual privacy training is tentatively scheduled as follows:

Maynard: Tuesday, August 20th at 10:00am (also broadcast via GoToMeeting)

Framingham: Thursday, August 22nd (will accommodate a time for each shift)

Make up sessions will be available for those who have vacations and unexpected sick absences. I will keep everybody posted as plans become finalized.

Thank you,
Jason

Jason R. Stelmat | **Privacy Officer**
Massachusetts State Police | Commonwealth Fusion Center
124 Acton Street, Maynard MA 01754
direct 978-451-3752 | fax 978-451-3767

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Please consider the environment before printing this e-mail

From: Brooks, Brian (POL)
To: Stelmat, Jason (POL)
Subject: RE: Annual Privacy Training (MANDATORY)
Date: Friday, August 2, 2019 9:37:19 PM
Attachments: Automatic License Plate Recognition (draft SOP 8-2).docx
image001.png

Jason, I just made a couple suggestions. FYI I'll be away next week. Brian

---

From: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Sent: Friday, August 2, 2019 3:50 PM
To: Barton, Shannan (POL) <Shannan.Barton@pol.state.ma.us>; Bender, Sean (POL) <Sean.Bender@pol.state.ma.us>; Bennett, Marcy (POL) <Marcy.Bennett@pol.state.ma.us>; Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>; Chandler, Brittany (POL) <Brittany.Chandler@pol.state.ma.us>; Coleman, Daniel (POL) <Daniel.Coleman@pol.state.ma.us>; Foley, Kristine (POL) <kristine.foley@pol.state.ma.us>; Fortier, Kimberly (POL) <Kimberly.Fortier@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>; Huber, Richard (POL) <richard.huber@pol.state.ma.us>; Huchowski, James (POL) <james.huchowski@pol.state.ma.us>; Huchowski, kerra (POL) <kerra.huchowski@pol.state.ma.us>; Neville, Christopher (POL) <Christopher.Neville@pol.state.ma.us>; Nystrom, Lindsey (POL) <lindsey.nystrom@pol.state.ma.us>; O'Leary, Sarah (POL) <Sarah.OLeary@pol.state.ma.us>; Panacopoulos, Laurie (POL) <laurie.panacopoulos@pol.state.ma.us>; Pirrotta, Melissa S. (POL) <melissa.pirrotta@pol.state.ma.us>; Range, Scott (POL) <scott.range@pol.state.ma.us>; Salvatore, Justin (POL) <Justin.Salvatore@pol.state.ma.us>; Smith, Eleanor (POL) <Eleanor.Smith@pol.state.ma.us>; StPierre, Barbara (POL) <barbara.stpierre@pol.state.ma.us>; Thibault, Amy (POL) <amy.thibault@pol.state.ma.us>; Upton, Paul (POL) <Paul.Upton@pol.state.ma.us>; Wilczynski, Kristin (POL) <kristin.wilczynski@pol.state.ma.us>; Colahan, Bailey <bailey.colahan@jud.state.ma.us>; Crowley, Timothy (POL) <timothy.crowley@pol.state.ma.us>; Egnitz, Brian (POL) <brian.egnitz@pol.state.ma.us>; Ferrazzani, Kurt (POL) <kurt.ferrazzani@pol.state.ma.us>; Foster, John (POL) <John.Foster@pol.state.ma.us>; Jorge, Lucas (POL) <lucas.jorge@pol.state.ma.us>; Sarrouf, Thomas (POL) <thomas.sarrouf@pol.state.ma.us>; Slattery, John (POL) <john.slattery@pol.state.ma.us>
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Jason R. Stelmat | **Privacy Officer**
Massachusetts State Police | Commonwealth Fusion Center
124 Acton Street, Maynard MA 01754
direct 978-451-3752 | fax 978-451-3767

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Please consider the environment before printing this e-mail

From: Donna Taylor Mooers
To: Pinkes, William (POL)
Cc: Donna Taylor Mooers
Subject: RE: Follow Up
Date: Wednesday, September 25, 2019 12:25:30 PM
Attachments: image001.png
41.3.9 LPR CALEA.pdf
41.3.9a policy.pdf
41.3.9b policy.doc

Bill, attached is CALEA's standard and two policies that I had in my resource library. Not necessarily current but may be helpful.

Donna

Donna Taylor Mooers, Executive Director
Massachusetts Police Accreditation Commission
Office/Direct: 978-834-5665
Cell: 6[redacted]
donna@masspoliceaccred.net
www.masspoliceaccred.net
CommunityZero/MPAC

From: Pinkes, William (POL) <william.pinkes@state.ma.us>
Sent: Wednesday, September 25, 2019 11:57 AM
To: Donna Taylor Mooers <donna@masspoliceaccred.net>
Subject: Follow Up

Good morning Donna,

Wanted to follow up with you to get the draft copy of the 6th edition standard on License Plate Readers. If you are able to send me that, it will be utilized in house only to assist us in the revision of our current LPR policy which is currently underway. I understand this is not a final version and may change.

Also, I have submitted a waiver for 81.1.1 to my Colonel for her signature, I will return same to you upon receipt from her.

Thank you,
Bill P.

Bill Pinkes
Accreditation Manager
Massachusetts State Police
470 Worcester Road

Framingham, MA 01702
508-808-3448

From: John Tedona
To: Griffin, Daniel (POL)
Cc: Michael Roth
Subject: RE: Hot list
Date: Wednesday, June 5, 2019 5:28:51 PM
Attachments: image001.png
HOTLIST CREATION.docx
BOSS 3.6 USER MANUAL Rev2.pdf

Hi Dan,

The attached HOTLIST CREATION Word doc is what I put together that shows screen shots on how to create a Hotlist directly in BOSS. I also attached the BOSS user manual that covers Hotlist creation as well as creating a separate Hotlist CSV file. Let me know if I can discuss anything in further detail.

Mike -If you have anything that could assist Dan please forward.

Thanks,

John Tedona
PIPS TECHNOLOGY - A Neology Business
Sales Manager
12760 Danielson Ct. Suite A
Poway, CA 92064
Phone: 201-841-6237
Email: jtedona@neology.net
PIPS Support: support@pipstechnology.com 833-747-7577, Option 1 for sales, Option 2 for Support
www.pipstechnology.com

From: Griffin, Daniel (POL) <daniel.griffin2@state.ma.us>
Sent: Wednesday, June 5, 2019 9:20 AM
To: John Tedona <jtedona@neology.net>
Subject: Hot list

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi John,
Hope the lighting project in Dennis went well. Can you send me the updated "how to create a hot list" file. I have training next week in Fall River. Thanks
Dan

Lieutenant Daniel J. Griffin 1129
Massachusetts State Police
Traffic Programs Section

General Headquarters
480 Worcester Rd. **(please note new address)**
Framingham, Ma. 01702
508-988-7404
daniel.griffin@massmail.state.ma.us

From: Gilpin, Kerry (POL)
To: MARLENE WHEELER
Cc: Quinn, Dermot (POL)
Subject: Re: Invitation Letter for Regional Trafficking Summit 1/28 - 1/29/19
Date: Saturday, January 12, 2019 10:26:21 AM

Marlene,

I apologize for the delay. Unfortunately, I have a conflict and will be unable to attend. However, we are hosting a meeting on Thursday with our Public Safety Team to discuss the MOU. Once we get the green light, Lieutenant Colonel Dermot Quinn, Division of Homeland Security, will reach out to you to confirm attendance.

Thank you,

Kerry

Colonel Kerry A. Gilpin
Superintendent
Massachusetts State Police
470 Worcester Road
Framingham, MA 01702
508-820-2350

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From: MARLENE WHEELER <LPPWHEEM@gw.njsp.org>
Sent: Thursday, December 20, 2018 1:53 PM
To: Gilpin, Kerry (POL)
Subject: Re: Invitation Letter for Regional Trafficking Summit 1/28 - 1/29/19

Marlene Wheeler
Secretarial Assistant 3
Office of the ROIC
609-963-6900 Ext. 6793

>>> MARLENE WHEELER 12/20/2018 1:36 PM >>>

>>> MARLENE WHEELER 12/20/2018 1:34 PM >>>

Marlene Wheeler
Secretarial Assistant 3
Office of the ROIC
609-963-6900 Ext. 6793

>>> MARLENE WHEELER 12/20/2018 1:33 PM >>>

>>> MARLENE WHEELER 12/20/2018 1:32 PM >>>

On Monday, January 28, and Tuesday, January 29, 2019, the NJSP, NYPD, and NNJUASI, facilitated by the Rutgers University Center on Policing, will host a Regional Trafficking Summit. This two-day summit will gather 12 state police superintendents, 12 major city chiefs, and numerous federal agencies with responsibilities along the I-95 corridor between Richmond, VA, Washington, DC, and Boston, MA, to discuss the feasibility and productivity of linking and sharing ALPR data. Establishing this linkage across the northeast region of the United States would immeasurably increase our effectiveness in addressing issues of counter terrorism, drug trafficking, weapons trafficking, Amber and Silver Alerts, plus other threats to the public safety of our respective states.

Please find the attached letter from Colonel Patrick Callahan for further information and details.

Marlene Wheeler
Secretarial Assistant 3
Office of the ROIC
609-963-6900 Ext. 6793

CONFIDENTIALITY NOTICE The information contained in this communication from the Division of State Police is privileged and confidential and is intended for the sole use of the persons or entities who are the addressees. If you are not an intended recipient of this e-mail, the dissemination, distribution, copying or use of the information it contains is strictly prohibited. If you have received this communication in error, please immediately contact the Division of State Police at (609) 882-2000 to arrange for the return of this information.

From: Egnitz, Brian (POL)
To: Atchison, Charles (POL)
Cc: Quinn, Dermot (POL); Warmington, Scott (POL); TDomenico
Subject: RE: LPR.
Date: Wednesday, March 27, 2019 2:45:00 PM
Attachments: RE P492 VES Protocol Modification.msg

Hi Maj.,

I wanted to close the loop on this. The vendor has provided a SOW (see attached) to split the ALPR Camera feeds and send data to both MassPort and the EOPSS BOSS backend system. Please let me know how you would like proceed.

Thanks, Brian

Brian Egnitz
Commonwealth Fusion Center
Massachusetts State Police
Phone: 978-451-3710 (Maynard) 508-988-7302 (GHQ)
Email: Brian.Egnitz@massmail.state.ma.us
Monday - Friday, 8 to 4

CONFIDENTIALITY NOTICE: *The information contained in this email and any attachment is privileged and confidential law enforcement information. If you have received this email in error, please call 978-451-3700 immediately. Thank you.*

From: Warmington, Scott (POL)
Sent: Thursday, January 17, 2019 4:05 PM
To: Charles Atchison (POL)
Cc: TDomenico; Egnitz, Brian (POL)
Subject: Re: LPR.

Received Sir. I've included Brian Egnitz on this email. I'll see you on Tuesday.

Sent from my iPhone

On Jan 17, 2019, at 4:03 PM, Atchison, Charles W <CAtchison@massport.com> wrote:

> Good afternoon Sir, sorry for the delay in getting back to you. The POC for MassPort IT regarding the LPR system is Alex Chute, cell phone 1-[redacted]. Alex has dealt with Brian in the past.
>
> I have been advised that there are two issues that need to be addressed for this to work.
>
> 1. Having the vendor develop a process to split the data, so both MassPort and the MSP have simultaneous data access.

2. Building a IT tunnel system for the MSP to the MassPort Office Center where the BOSS/LPR server resides.

While they are working out these two issues, I have suggested to MassPort IT that we send you a batch file once or twice a day for you to import into the MSP server. We can talk about this at the meeting.

I have included Mr. Domenico, (MassPort IT Director) on this email for his SA.

Thank you.

Major Charles W. Atchison III
Troop F Commander
Massachusetts State Police
Director of Aviation Security
2 Service Road
East Boston, Ma 02128
Office: 617-568-7555
Cell: [redacted]

From: John Tedona
To: Egnitz, Brian (POL)
Cc: Michael Roth
Subject: RE: Mobile
Date: Friday, January 4, 2019 10:03:55 AM
Attachments: SX4 Tools and Settings Guide Rev3.pdf
PIPS Pagis Installation Setup Guide.pdf
PAGIS MANUAL.pdf

Brain, I'm not exactly sure on what you need so I've attached a few documents to look through. From the processor setup guide to the Pagis software user manual.

I've copied Mike Roth -ALPR Technician who can assist with anything beyond what is contained in the manuals.

John Tedona
PIPS TECHNOLOGY - A Neology Business
Sales Manager
12760 Danielson Ct. Suite A
Poway, CA 92064
Phone: 201-841-6237
Email: jtedona@neology.net
PIPS Support: support@pipstechnology.com 833-747-7577, Option 1 for sales, Option 2 for Support
www.pipstechnology.com

-----Original Message-----
From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Friday, January 4, 2019 9:44 AM
To: John Tedona <jtedona@neology.net>
Subject: Mobile

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Do you have any instructions or the configuration files for the mobile cameras that you can send me?

From: John Tedona
To: Fitzgerald, Thomas (POL)
Subject: RE: Mobile ALPR System Followup
Date: Thursday, November 7, 2019 8:48:47 AM
Attachments: P720 Brochure.pdf

Hi Lt.

Just circling back to inquire how your guys are using the new mobile ALPR systems. I attached a newly released literature pdf describing the system.

Regards,

John Tedona
PIPS TECHNOLOGY - A Neology Business
Sales Manager
12760 Danielson Ct. Suite A
Poway, CA 92064
Phone: 201-841-6237
Email: jtedona@neology.net
PIPS Support: support@pipstechnology.com 833-747-7577, Option 1 for sales, Option 2 for Support
www.pipstechnology.com

-----Original Message-----
From: Fitzgerald, Thomas (POL) <thomas.fitzgerald@state.ma.us>
Sent: Thursday, October 17, 2019 11:03 AM
To: John Tedona <jtedona@neology.net>
Subject: Re: Mobile ALPR System Followup

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Its up and running . Looking good so far

Lieutenant Thomas Fitzgerald
Mass. State Police CVES
Concord, MA 01742

From: John Tedona <jtedona@neology.net>
Sent: Thursday, October 17, 2019 10:53
To: Fitzgerald, Thomas (POL)
Subject: Re: Mobile ALPR System Followup

Ok thanks. I can stop by as needed to provide user training to anyone that needs a refresher.

Thank You

John Tedona
PIPS Technology
Mobile (201) 841-6237

> On Oct 16, 2019, at 6:07 PM, Fitzgerald, Thomas (POL) <thomas.fitzgerald@state.ma.us> wrote:
>
> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.
>
>
> Software went in...we had a new software issues.....we are waiting for it to get a fresh hit file...we should know more tomorrow.

>
>
> Lieutenant Thomas Fitzgerald
> Mass. State Police CVES
> Concord, MA 01742
>
>
>
> _____
> From: John Tedona <jtedona@neology.net>
> Sent: Tuesday, October 15, 2019 12:24
> To: Fitzgerald, Thomas (POL)
> Cc: Paolo Tirella (tirellap@bcmcontrols.com)
> Subject: Mobile ALPR System Followup
>
> Hi Lt.
>
> The two mobile ALPR systems were installed the other week on the Ford 150s at BCM Controls. Just curious if the ALPR systems have been put in operation yet and if all is working well. If user training is needed for the new software I'd be happy to stop by as needed.
>
> Regards,
>
>
> [cid:image001.png@01D58353.802FFB10]
> A [cid:image002.png@01D58353.802FFB10] Business John Tedona Sales
> Manager
> 12760 Danielson Ct. Suite A
> Poway, CA 92064
> Phone: 201-841-6237
> Email: jtedona@neology.net<mailto:jtedona@neology.net>
> PIPS Support: support@pipstechnology.com<mailto:support@pipstechnology.com> 833-747-7577, Option 1 for sales, Option 2 for Support
> https://urldefense.proofpoint.com/v2/url?u=https-3A__nam04.safelinks.protection.outlook.com_-3Furl-3Dhttps-253A-252F-252Furld&d=DwIGaQ&c=lDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=pAty8bCTb0zarrSHPMQzprYjbO2g5Rzx3RBfUmf1KuU&m=MpqfHLSBZDEmnQkFHvnmE-6xSAUbrG4Yd1lmXP7xIbM&s=QHspTGX59D00fPJeVse76xnLcCf5oQTlEA6BPWpUJrE&e=
> efense.proofpoint.com%2Fv2%2Furl%3Fu%3Dhttps-3A__nam04.safelinks.prote
> ction.outlook.com_-3Furl-3Dwww.pipstechnology.com-26amp-3Bdata-3D02-25
> 7C01-257Cjtedona-2540neology.net-257C23776a58f257432a9d5308d752853e04-
> 257C01a7f7dd7222461580f6dddb58e158ef-257C1-257C0-257C63706860456129915
> 2-26amp-3Bsdata-3D86r3nn9iEXfNUFEj4x5ULqyWalDatRMGa9qZ3w0zmYY-253D-26a
> mp-3Breserved-3D0%26d%3DDwIGaQ%26c%3DlDF7oMaPKXpkYvev9V-fVahWL0QWnGCCA
> fCDz1Bns_w%26r%3DpAty8bCTb0zarrSHPMQzprYjbO2g5Rzx3RBfUmf1KuU%26m%3D1n3
> PKS-lvF_GXpYrIrjsoVDJ6Qw6rouK6k4CPnXOso0%26s%3DHxPUJcWYY4hC0694tiUIxty
> qfh-cq9Cem_FRC81wPbY%26e&data=02%7C01%7Cjtedona%40neology.net%7C04
> c6f3d3dce343794c6708d753132a0f%7C01a7f7dd7222461580f6dddb58e158ef%7C1%
> 7C0%7C637069214110637313&sdata=gZ1ffJ8x4N4fuT%2Bl%2BtRm0PhNEK5l%2F
> TomIUtu4FQDESk%3D&reserved=0=
> [PIPS_invite_OKhor6 (1)]
>

From: Foley, Kristine (POL)
To: Pfister, Steven (AGO)
Subject: RE: NHLEA
Date: Monday, May 13, 2019 1:12:00 PM
Attachments: CFC Presentation 2019.pptx

Hi Steven,

Yes, I have attached it to this email. I am very sorry for the delay in getting it to you. Please let me know if you need anything else from me. Thank you and looking forward to meeting you on Wednesday.

Respectfully,
Kristine

From: Pfister, Steven (AGO)
Sent: Monday, May 13, 2019 6:48 AM
To: Foley, Kristine (POL)
Subject: RE: NHLEA

Hi Kristine. Just wondering if you will be sending it to me prior to your presentation. Thanks again.

From: Foley, Kristine (POL)
Sent: Tuesday, May 7, 2019 9:27 AM
To: Pfister, Steven (AGO) <steven.pfister@mass.gov>
Subject: RE: NHLEA

Hi Steven!

I hope all is well. I should have emailed you on Friday – my apologies. I am in the middle of creating two separate presentations for this week so my one for the 15th is not completed yet. I can send it to you on Monday or just plan on arriving early on Wednesday to ensure everything works. Please let me know which you would prefer.

Thank you!
Kristine

From: Pfister, Steven (AGO)
Sent: Tuesday, May 07, 2019 8:23 AM
To: Foley, Kristine (POL)
Subject: RE: NHLEA

Hi Kristine, hope all is well. I was just wondering if you still plan to send me you PowerPoint. Thanks.

Steven

From: Foley, Kristine (POL)

Sent: Friday, April 26, 2019 9:36 AM
To: Pfister, Steven (AGO) <steven.pfister@mass.gov>
Subject: RE: NHLEA

Hi Steven,

Great, I will make sure to get my PowerPoint to you by the 3rd. Also, I confirmed that LTC Mason will be attending the conference on May 15th.

Have a great weekend!

Thanks,
Kristine

From: Pfister, Steven (AGO)
Sent: Wednesday, April 17, 2019 12:50 PM
To: Foley, Kristine (POL)
Cc: Ucuz, Gregoire (AGO)
Subject: NHLEA

Kristine,

We are looking forward to your presentation at the conference. If you plan to use power point we are asking presenters to forward over their presentations to us by May 3. Thanks again for participating and if you have any questions, please don't hesitate to call.

Best,

Steven Pfister
Investigator
Medicaid Fraud Division
MA Office of the Attorney General
(617) 963-2699

To: Pfister, Steven (AGO)
Subject: RE: NHLEA
Date: Monday, May 13, 2019 1:12:34 PM
Attachments: CFC Presentation 2019.pptx

Hi Steven,

Yes, I have attached it to this email. I am very sorry for the delay in getting it to you. Please let me know if you need anything else from me. Thank you and looking forward to meeting you on Wednesday.

Respectfully,
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Subject: RE: NHLEA

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Subject: RE: NHLEA

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Have a great weekend!

Thanks,
Kristine

From: Pfister, Steven (AGO)
Sent: Wednesday, April 17, 2019 12:50 PM
To: Foley, Kristine (POL)
Cc: Ucuz, Gregoire (AGO)
Subject: NHLEA

Kristine,

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Best,

Steven Pfister
Investigator
Medicaid Fraud Division
MA Office of the Attorney General
(617) 963-2699

From: scott.range@pol.state.ma.us
To: Thibault, Amy (POL)
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference
Date: Wednesday, March 13, 2019 9:10:17 AM

Thanks Amy

Sent from my iPhone

On Mar 13, 2019, at 7:17 AM, Thibault, Amy (POL) <amy.thibault@pol.state.ma.us> wrote:

> Kristine,
> Please reach out to Mr. Pfister.
>
> ---
>
> **From:** Range, Scott (POL)
> **Sent:** Tuesday, March 12, 2019 7:20 PM
> **To:** Quinn, Dermot (POL)
> **Cc:** Mason, Christopher (POL); Thibault, Amy (POL)
> **Subject:** Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference
>
> Received Sir, will do
>
> Respectfully,
> Scott
>
> Sent from my iPhone
>
> On Mar 12, 2019, at 7:19 PM, Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us> wrote:
>
> > Thanks Scott. Can Kristine reach out to Mr. Pfister (his number is below) and get an idea how long of a presentation they are looking for. He could also address issues like time and parking.
> >
> > Thanks
> >
> > DJQ
> >
> > ---
> >
> > **From:** Range, Scott (POL) <scott.range@pol.state.ma.us>
> > **Sent:** Tuesday, March 12, 2019 4:40 PM
> > **To:** Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>; Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
> > **Cc:** Thibault, Amy (POL) <amy.thibault@pol.state.ma.us>
> > **Subject:** FW: Northeast Healthcare Law Enforcement Association, May 2019 Conference
> >
> > Deputy Superintendent Mason and Lt. Col. Quinn,

Kristine Foley has agreed to assist with the CFC presentation for the Northeast Healthcare Law Enforcement Association Meeting on May 15. Amy and I provided the details below to her and she is available on that date. She just needs to know how long the presentation should be and any other details that this group is able to provide ahead of time (parking, location, etc.). Please let us know if this is acceptable to everyone's needs.

Respectfully,
Scott

From: Range, Scott (POL)
Sent: Monday, March 11, 2019 3:22 PM
To: Thibault, Amy (POL)
Subject: RE: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Thanks Amy

From: Thibault, Amy (POL)
Sent: Monday, March 11, 2019 3:13 PM
To: Range, Scott (POL)
Cc: Quinn, Dermot (POL)
Subject: RE: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Kristine is available and happy to present.

Respectfully,
Amy

From: Range, Scott (POL)
Sent: Tuesday, March 05, 2019 7:34 PM
To: Thibault, Amy (POL)
Cc: Quinn, Dermot (POL)
Subject: FW: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Amy,

Let's discuss this conference tomorrow when you have time. Can you please check yours and Kristine Foley's availability on the date in question (please see below) to see if either of you could present the CFC overview with resources presentation on that date. They didn't say how long of a time slot so it may need to be modified once they do. Once we know yours and Kristine's availability we can check with Lt. Col. Quinn (who is copied on this) and Deputy Mason. I believe Lt. Col. Quinn would also like real time demos (not sure if he would like to assist with this aspect but he may).

Thanks

On Mar 4, 2019, at 10:12 PM, Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us> wrote:

> Yes sir.
>
> Scott,
>
> Let's discuss how best to address this group. We can put our best foot forward and show what we have to offer. I'm thinking a combination of PP and on line real time demos (sanitized).
>
> We can discuss the details tomorrow and then check with the Deputy.
>
> Rose,
>
> Please add this to my calendar.
>
> Thanks
>
> Dermot

Sent from my Verizon 4G LTE smartphone

-------- Original message --------
From: "Mason, Christopher (POL)" <Chris.Mason@pol.state.ma.us>
Date: 3/4/19 5:09 PM (GMT-05:00)
To: "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>
Subject: FW: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Sir,

I spoke with Mr. Pfister regarding the below request. He stated that NESPIN would be speaking and asked if the MSP wanted to add what they could add to an investigation. I stated that the CFC could speak to what services they provide (Coplink, Facial Rec, Lineups, ALPR,BOLOs, etc,) investigators. He indicated that he would like that and could add the CFC to agenda. I will attend on May 15th to represent the MSP. DO we have a rep from the CFC that

could present on that day?

Lieutenant Colonel Christopher S. Mason
Deputy Superintendent
Massachusetts State Police
470 Worcester Road
Framingham, MA. 01720
508.820.2330

From: Pfister, Steven (AGO)
Sent: Sunday, March 3, 2019 7:03 PM
To: Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>
Cc: Gilpin, Kerry (POL) <kerry.gilpin@pol.state.ma.us>
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference

My office line is 617-963-2699. I look forward to speaking with you.

From: Mason, Christopher (POL) <chris.mason@pol.state.ma.us>
Sent: Sunday, March 3, 2019 6:48 PM
To: Pfister, Steven (AGO)
Cc: Gilpin, Kerry (POL)
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Steven,
Thank you and I will contact you tomorrow to discuss the details.

Lt. Colonel Christopher Mason
Deputy Superintendent
Massachusetts State Police

On Mar 3, 2019, at 6:22 PM, Pfister, Steven (AGO) <steven.pfister@mass.gov> wrote:

Colonel Gilpin,

Thank you for getting back to me and sorry you will not be able to attend. We would absolutely like a representative from your organization to attend and give a briefing if possible. Deputy Superintendent Mason, I look forward to hopefully working with you. Please let me know if you have any further questions.

Best,

Steven Pfister
Investigator
Massachusetts Office of the Attorney General

From: Gilpin, Kerry (POL) <kerry.gilpin@pol.state.ma.us>
Sent: Sunday, March 3, 2019 5:57 PM
To: Pfister, Steven (AGO)
Cc: Mason, Christopher (POL)
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Steven,

Thank you very much for the invitation. Unfortunately, I have a previous commitment on those dates. I have copied Deputy Superintendent Chris Mason above. We will ensure that there is MSP representation at the conference.

Respectfully,

Kerry

Colonel Kerry A. Gilpin
Superintendent
Massachusetts State Police
470 Worcester Road

Framingham, MA 01702
508-820-2350

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From: Pfister, Steven (AGO)
Sent: Monday, February 25, 2019 2:21 PM
To: Gilpin, Kerry (POL)
Cc: Ucuz, Gregoire (AGO)
Subject: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Colonel Gilpin,

We are reaching out from the Massachusetts Attorney General's Office MFCU in regards to the Northeast Healthcare Law Enforcement Association (NHLEA) conference which will be held on **MAY 15th and 16th, 2019** at the **Sheraton Four Points**, located at 3800 State Highway, **Eastham, MA** 02642.

NHLEA has been in existence since 1995 with Massachusetts as a founding member. NHLEA was established with the dual

purpose of promoting joint healthcare fraud enforcement investigations and providing staff training opportunities. NHLEA is comprised of representatives from the six New England states and New York. The members include staff from the Medicaid Fraud Control Units (MFCUs) of seven states, the United States Attorney's Office (USAO), the Regional Office of Inspector General (DHHS/OIG/OI), the Federal Bureau of Investigations, the Drug Enforcement Agency, the Food and Drug Administration (FDA), and the Massachusetts Board of Registry in Medicine (BORIM).

Established as the first regional organization of state and federal healthcare fraud professionals, NHLEA's mission is to develop practical, results-oriented strategies to combat fraud and abuse in the medical field. The NHLEA pursues its mission by promoting the sharing of information and resources among its members and by improving interagency cooperation and federal-state relations in the fight against healthcare fraud.

MFD plans to host the conference on either an annual or biannual basis in conjunction with the Rhode Island MFCU and DHHS/OIG/OI. Attached is an agenda of the training when it was last hosted in 2014.

Lodging:

There are 40 rooms held for a government rate of $113/night, available for check-in on

May 14th and check-out on May 16th (two night stay). The deadline to book rooms at the government rate is April 1st. Breakfast will be included both mornings. A link to the hotel's website is here. Please mention the NHLEA conference when booking.

Attendance:

Even though each attendee or unit shall book rooms directly with the hotel on a first-come first-serve basis, once you have a sense of how many attendees your unit plans to send please let us know. There is no cost for the program.

Presentations:

At this time we are accepting proposals for presentations. Attached is a *Call for Presentation* form. The deadline to submit proposals to us is March 15th. Also attached, is a past NHLEA agenda to give you a sense of past topics. We encourage you to submit any and all topics for the purpose of establishing a well-rounded training agenda.

Please do not hesitate to reach out if you have any questions. We look forward to sharing this training opportunity with you all.

Best,

Steven Pfister

Investigator

Medicaid Fraud Division

MA Office of the Attorney General

(617) 963-2699

From: Range, Scott (POL)
To: Quinn, Dermot (POL)
Cc: Mason, Christopher (POL); Thibault, Amy (POL)
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference
Date: Tuesday, March 12, 2019 7:20:23 PM

Received Sir, will do

Respectfully,
Scott

Sent from my iPhone

On Mar 12, 2019, at 7:19 PM, Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us> wrote:

> Thanks Scott. Can Kristine reach out to Mr. Pfister (his number is below) and get an idea how long of a presentation they are looking for. He could also address issues like time and parking.
>
> Thanks
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> DJQ
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> **From:** Range, Scott (POL) <scott.range@pol.state.ma.us>
> **Sent:** Tuesday, March 12, 2019 4:40 PM
> **To:** Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>; Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
> **Cc:** Thibault, Amy (POL) <amy.thibault@pol.state.ma.us>
> **Subject:** FW: Northeast Healthcare Law Enforcement Association, May 2019 Conference
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Cc: Mason, Christopher (POL); Thibault, Amy (POL)
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Date: Tuesday, March 12, 2019 7:20:22 PM

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We are reaching out from the Massachusetts Attorney General's Office MFCU in regards to the Northeast Healthcare Law Enforcement Association (NHLEA) conference which will be held on **MAY 15th and 16th, 2019** at the **Sheraton Four Points**, located at 3800 State Highway, **Eastham, MA** 02642.

NHLEA has been in existence since 1995 with Massachusetts as a founding member. NHLEA was established with the dual purpose of promoting joint healthcare fraud enforcement investigations and providing staff training opportunities. NHLEA is comprised of representatives from the six New England states and New York. The members include staff from the Medicaid Fraud Control Units (MFCUs) of seven states, the United States Attorney's Office (USAO), the Regional Office of Inspector General (DHHS/OIG/OI), the Federal Bureau of Investigations, the Drug Enforcement Agency, the Food and Drug Administration (FDA), and the Massachusetts Board of Registry in Medicine (BORIM).

Established as the first regional organization of state and federal healthcare fraud professionals, NHLEA's mission is to develop practical, results-oriented strategies to combat fraud and abuse in the medical field. The NHLEA pursues its mission by promoting the sharing of information and resources among its members and by improving interagency cooperation and federal-state relations in the fight against healthcare fraud.

MFD plans to host the conference on either an annual or biannual

basis in conjunction with the Rhode Island MFCU and DHHS/OIG/OI. Attached is an agenda of the training when it was last hosted in 2014.

Lodging:

There are 40 rooms held for a government rate of $113/night, available for check-in on May 14th and check-out on May 16th (two night stay). The deadline to book rooms at the government rate is April 1st. Breakfast will be included both mornings. A link to the hotel's website is here. Please mention the NHLEA conference when booking.

Attendance:

Even though each attendee or unit shall book rooms directly with the hotel on a first-come first-serve basis, once you have a sense of how many attendees your unit plans to send please let us know. There is no cost for the program.

Presentations:

At this time we are accepting proposals for presentations. Attached is a *Call for Presentation* form. The deadline to submit proposals to us is March 15th. Also attached, is a past NHLEA agenda to give you a sense of past topics. We encourage you to submit any and all topics for the purpose of establishing a well-rounded training agenda.

Please do not hesitate to reach out if you have any questions. We look forward to sharing this training opportunity with you all.

Best,

Steven Pfister

Investigator

Medicaid Fraud Division

MA Office of the Attorney General

(617) 963-2699

From: Range, Scott (POL)
To: Thibault, Amy (POL)
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference
Date: Wednesday, March 13, 2019 9:10:19 AM

Thanks Amy

Sent from my iPhone

On Mar 13, 2019, at 7:17 AM, Thibault, Amy (POL) <amy.thibault@pol.state.ma.us> wrote:

> Kristine,
> Please reach out to Mr. Pfister.
>
> ---
>
> **From:** Range, Scott (POL)
> **Sent:** Tuesday, March 12, 2019 7:20 PM
> **To:** Quinn, Dermot (POL)
> **Cc:** Mason, Christopher (POL); Thibault, Amy (POL)
> **Subject:** Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference
>
> Received Sir, will do
>
> Respectfully,
> Scott
>
> Sent from my iPhone
>
> On Mar 12, 2019, at 7:19 PM, Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us> wrote:
>
> > Thanks Scott. Can Kristine reach out to Mr. Pfister (his number is below) and get an idea how long of a presentation they are looking for. He could also address issues like time and parking.
> >
> > Thanks
> >
> > DJQ
> >
> > ---
> >
> > **From:** Range, Scott (POL) <scott.range@pol.state.ma.us>
> > **Sent:** Tuesday, March 12, 2019 4:40 PM
> > **To:** Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>; Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
> > **Cc:** Thibault, Amy (POL) <amy.thibault@pol.state.ma.us>
> > **Subject:** FW: Northeast Healthcare Law Enforcement Association, May 2019 Conference
> >
> > Deputy Superintendent Mason and Lt. Col. Quinn,

Kristine Foley has agreed to assist with the CFC presentation for the Northeast Healthcare Law Enforcement Association Meeting on May 15. Amy and I provided the details below to her and she is available on that date. She just needs to know how long the presentation should be and any other details that this group is able to provide ahead of time (parking, location, etc.). Please let us know if this is acceptable to everyone's needs.

Respectfully,
Scott

From: Range, Scott (POL)
Sent: Monday, March 11, 2019 3:22 PM
To: Thibault, Amy (POL)
Subject: RE: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Thanks Amy

From: Thibault, Amy (POL)
Sent: Monday, March 11, 2019 3:13 PM
To: Range, Scott (POL)
Cc: Quinn, Dermot (POL)
Subject: RE: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Kristine is available and happy to present.

Respectfully,
Amy

From: Range, Scott (POL)
Sent: Tuesday, March 05, 2019 7:34 PM
To: Thibault, Amy (POL)
Cc: Quinn, Dermot (POL)
Subject: FW: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Amy,

Let's discuss this conference tomorrow when you have time. Can you please check yours and Kristine Foley's availability on the date in question (please see below) to see if either of you could present the CFC overview with resources presentation on that date. They didn't say how long of a time slot so it may need to be modified once they do. Once we know yours and Kristine's availability we can check with Lt. Col. Quinn (who is copied on this) and Deputy Mason. I believe Lt. Col. Quinn would also like real time demos (not sure if he would like to assist with this aspect but he may).

Thanks

On Mar 4, 2019, at 10:12 PM, Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us> wrote:

> Yes sir.
>
> Scott,
>
> Let's discuss how best to address this group. We can put our best foot forward and show what we have to offer. I'm thinking a combination of PP and on line real time demos (sanitized).
>
> We can discuss the details tomorrow and then check with the Deputy.
>
> Rose,
>
> Please add this to my calendar.
>
> Thanks
>
> Dermot

Sent from my Verizon 4G LTE smartphone

-------- Original message --------
From: "Mason, Christopher (POL)" <Chris.Mason@pol.state.ma.us>
Date: 3/4/19 5:09 PM (GMT-05:00)
To: "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>
Subject: FW: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Sir,

I spoke with Mr. Pfister regarding the below request. He stated that NESPIN would be speaking and asked if the MSP wanted to add what they could add to an investigation. I stated that the CFC could speak to what services they provide (Coplink, Facial Rec, Lineups, ALPR,BOLOs, etc,) investigators. He indicated that he would like that and could add the CFC to agenda. I will attend on May 15th to represent the MSP. DO we have a rep from the CFC that

could present on that day?

Lieutenant Colonel Christopher S. Mason
Deputy Superintendent
Massachusetts State Police
470 Worcester Road
Framingham, MA. 01720
508.820.2330

From: Pfister, Steven (AGO)
Sent: Sunday, March 3, 2019 7:03 PM
To: Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>
Cc: Gilpin, Kerry (POL) <kerry.gilpin@pol.state.ma.us>
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference

My office line is 617-963-2699. I look forward to speaking with you.

From: Mason, Christopher (POL) <chris.mason@pol.state.ma.us>
Sent: Sunday, March 3, 2019 6:48 PM
To: Pfister, Steven (AGO)
Cc: Gilpin, Kerry (POL)
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Steven,
Thank you and I will contact you tomorrow to discuss the details.

Lt. Colonel Christopher Mason
Deputy Superintendent
Massachusetts State Police

On Mar 3, 2019, at 6:22 PM, Pfister, Steven (AGO) <steven.pfister@mass.gov> wrote:

Colonel Gilpin,

Thank you for getting back to me and sorry you will not be able to attend. We would absolutely like a representative from your organization to attend and give a briefing if possible. Deputy Superintendent Mason, I look forward to hopefully working with you. Please let me know if you have any further questions.

Best,

Steven Pfister
Investigator
Massachusetts Office of the Attorney General

From: Gilpin, Kerry (POL) <kerry.gilpin@pol.state.ma.us>
Sent: Sunday, March 3, 2019 5:57 PM
To: Pfister, Steven (AGO)
Cc: Mason, Christopher (POL)
Subject: Re: Northeast Healthcare Law Enforcement Association, May 2019 Conference

Steven,

Thank you very much for the invitation. Unfortunately, I have a previous commitment on those dates. I have copied Deputy Superintendent Chris Mason above. We will ensure that there is MSP representation at the conference.

Respectfully,

Kerry

Colonel Kerry A. Gilpin
Superintendent
Massachusetts State Police
470 Worcester Road

Framingham, MA 01702
508-820-2350

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From: Pfister, Steven (AGO)
Sent: Monday, February 25, 2019 2:21 PM
To: Gilpin, Kerry (POL)
Cc: Ucuz, Gregoire (AGO)
Subject: Northeast Healthcare Law Enforcement Association, May 2019 Conference

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Please do not hesitate to reach out if you have any questions. We look forward to sharing this training opportunity with you all.

Best,

Steven Pfister

Investigator

Medicaid Fraud Division

MA Office of the Attorney General

(617) 963-2699

From: Griffin, Daniel (POL)
To: Slater, Michael (POL)
Cc: Egnitz, Brian (POL)
Subject: RE: Plate Reader Database
Date: Monday, April 29, 2019 11:49:52 AM
Attachments: BOSS_3.2x_User_Manual_final.pdf
image002.png
image003.png

Mike-

Log in G.L. c. 4.sec. 7.cl.26 (n)(security) [redacted]

Pwor

User manual attached
Call/email w any questions

Lieutenant Daniel J. Griffin 1129
Massachusetts State Police
Traffic Programs Section
General Headquarters
480 Worcester Rd. **(please note new address)**
Framingham, Ma. 01702
508-988-7404
daniel.griffin@massmail.state.ma.us

From: Slater, Michael (POL)
Sent: Monday, April 29, 2019 11:43 AM
To: Griffin, Daniel (POL)
Cc: Egnitz, Brian (POL)
Subject: Re: Plate Reader Database

Lt.,

My ID# G.L. c. 4.sec. 7.cl.26 [redacted]

Thank you,

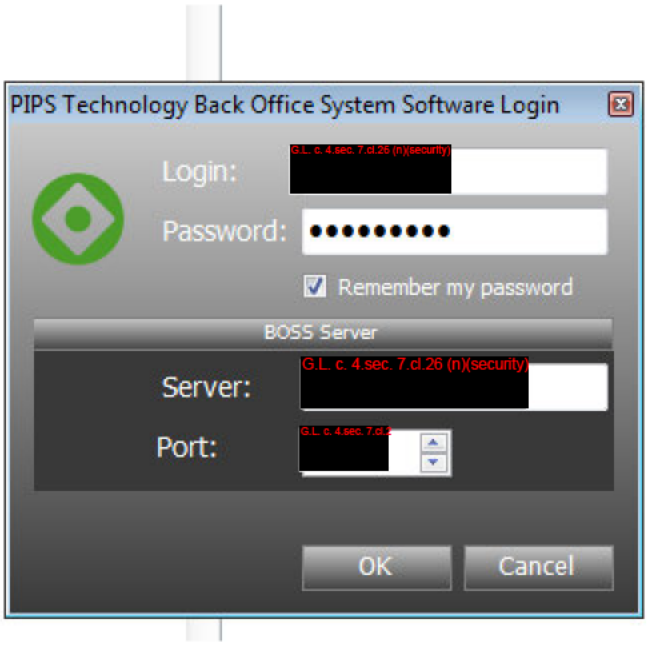
Mike

Michael K. Slater
State Police Dispatcher III, ID# C295

Troop-H Communications
125 William J. Day Boulevard
South Boston, MA 02125
Tel: 617-740-7505
Fax: 617-740-7607

From: Griffin, Daniel (POL)
Sent: Monday, April 29, 2019 11:35 AM
To: Slater, Michael (POL)
Cc: Egnitz, Brian (POL)
Subject: RE: Plate Reader Database

Mike
Please send me your civilian id # and ill set it up w a generic password which you can change later.
After you down load the software, you need to change the port to [redacted] (see below)



Lieutenant Daniel J. Griffin 1129
Massachusetts State Police
Traffic Programs Section
General Headquarters
480 Worcester Rd. **(please note new address)**
Framingham, Ma. 01702
508-988-7404
daniel.griffin@massmail.state.ma.us

From: Egnitz, Brian (POL)
Sent: Monday, April 29, 2019 11:31 AM
To: Griffin, Daniel (POL)
Cc: Slater, Michael (POL)
Subject: Re: Plate Reader Database

Hi Lt., is this something you can assist with?

Thanks, Brian

On Apr 29, 2019, at 10:50 AM, Slater, Michael (POL) <michael.slater@pol.state.ma.us> wrote:

> Good Morning Brian,
>
> I was advised by Jon Ross at the Watch Center that I need to speak to you about access to the Plate Reader Database.
>
> Jon sent out the link to the updated software, which I installed, however I need a login. Is that something you can assist me with?
>
> Thanks,
>
> Mike
>
> **Michael K. Slater**
> State Police Dispatcher III, ID# C295
> Troop-H Communications
> 125 William J. Day Boulevard
> South Boston, MA 02125
> Tel: 617-740-7505
> Fax: 617-740-7607

From: kerry.gilpin@pol.state.ma.us
To: Wood, Curtis (EOTSS)
Cc: Moran, Matthew (EPS)
Subject: Re: Regional Trafficking Summit Invite
Date: Monday, January 14, 2019 8:51:13 PM

Sirs,

Thank you very much for your input. I have notified Dermot Quinn of same.

Respectfully,

Kerry

Sent from my iPhone

On Jan 14, 2019, at 18:45, Wood, Curtis (EOTSS) <curtis.wood@mass.gov> wrote:

> Rob Guerriero will be the rep from EOTSS / re network side of things
>
> CW
>
> Sent from my iPhone
>
> On Jan 14, 2019, at 9:54 AM, Moran, Matthew (EPS) <matthew.moran@mass.gov> wrote:
>
> > Good morning Colonel:
> >
> > Sorry for my delay in responding. I think it would make sense to include Sean Hughes and Rob Guerriero from Sec Wood's shop. They have the right technical and network background, having supported (and continue to while at EOTSS) EOPSS' network for years. I think they have the right experience to contribute to the group.
> >
> > Weigh in if you disagree Secretary. I don't want to just offer up your people for this.
> >
> > Thanks,
> > Matt
> >
> > ---
> >
> > **From:** Gilpin, Kerry (POL)
> > **Sent:** Sunday, January 13, 2019 11:23 AM
> > **To:** Wood, Curtis (EOTSS); Moran, Matthew (EPS)
> > **Subject:** Fwd: Regional Trafficking Summit Invite

Secretary Wood and Undersecretary Moran,

Please see below email from NYSP and NYSP regarding the ALPR MOU. I know we have a meeting on Thursday regarding this. They are looking for a rep from MSP (Dermot Quinn has volunteered to go) as well as a technical rep and network rep. Dermot is advocating for Brian Egnitz, however, I defer to you to make that call. Please let me know your thoughts.

Respectfully,

Kerry

Sent from my iPhone

Begin forwarded message:

> **From:** "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>
> **Date:** January 12, 2019 at 18:16:35 EST
> **To:** "Gilpin, Kerry (POL)" <kerry.gilpin@pol.state.ma.us>
> **Subject: RE: Regional Trafficking Summit Invite**
>
> All set Colonel. I'm registered for conference and have the hotel booked. I believe they were also looking for a technical representative and a network representative. I am thinking Brian Egnitz for the first (I am going to drive it so it would only cost the hotel room for him) but the network person would have to come from EOPSS or EOTSS. I can reach out to them if you would like.
>
> Dermot
>
> ---
>
> **From:** Gilpin, Kerry (POL) <kerry.gilpin@pol.state.ma.us>
> **Sent:** Saturday, January 12, 2019 1:24 PM
> **To:** Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
> **Subject:** Fw: Regional Trafficking Summit Invite
>
> FYI
>
> Colonel Kerry A. Gilpin
> Superintendent
> Massachusetts State Police
> 470 Worcester Road
> Framingham, MA 01702
> 508-820-2350

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From: Linda Tartaglia <linda.tartaglia@cop.rutgers.edu>
Sent: Friday, January 4, 2019 2:49 PM
To: Linda Tartaglia
Cc: rick fuentes; Thomas O'Reilly; James Sheehan
Subject: Regional Trafficking Summit Invite

Good Afternoon,

Recently, New York City Police Department (NYPD) Commissioner James P. O'Neill and New Jersey State Police (NJSP) Colonel Patrick Callahan invited you to attend a Regional Trafficking Summit in New Jersey and New York on January 28-29,2019. Former NJSP superintendent and colonel Rick Fuentes followed up with an email which may have gone to your spam file. Please check your spam file for previous information.

This conference – hosted jointly by the NJSP, NYPD and the Northern New Jersey Urban Area Security Initiative (NJUASI) – will be facilitated by the Rutgers University Center on Policing. It will gather 12 state police superintendents, 12 major city chiefs and representatives of numerous federal agencies with responsibilities along the Interstate 95 corridor between Richmond, Virginia and Boston, Massachusetts, to discuss the feasibility and productivity of linking and sharing automated license plate reader data. Establishing a linkage across the northeast region of the United States will immeasurably increase our effectiveness in addressing issues of counterterrorism, drug trafficking, human and weapons trafficking, Amber

and Silver Alerts and other threats to our public safety.

Please register by Monday, January 7th . Please click here to register and RSVP to Rutgers Center on Policing by January 7th, 2019.

During the morning of Monday, January 28, 2019, attendees will arrive at the Hyatt Regency on the Hudson, 2 Exchange Place, Jersey City, N.J. A block of rooms has been reserved for the summit Please click here to make your room reservations. This should also be done by January 7th, 2019.

All questions should be posed to Rick Fuentes, who currently works with the Rutgers University Center on Policing and the NJUASI to advance statewide and regional information-sharing programs. He can be reached by email at rrixmail@comcast.net and by phone at (201)554-5514.

Thank you in advance for attending this important summit, and for your participation in this groundbreaking effort to collect, assess, and share ALPR data across the northeastern United States.

Regards,
Linda

Linda Tartaglia
Director
Center on Policing
Rutgers Unitversity
106 Somerset St
7th floor
New Brunswick, NJ 08901
O 848 932 9898
C 609 203 0770
Linda.tartaglia@cop.rutgers.edu

From: Wood, Curtis (EOTSS)
To: Moran, Matthew (EPS)
Cc: Gilpin, Kerry (POL)
Subject: Re: Regional Trafficking Summit Invite
Date: Monday, January 14, 2019 6:45:32 PM

Rob Guerriero will be the rep from EOTSS / re network side of things

CW

Sent from my iPhone

On Jan 14, 2019, at 9:54 AM, Moran, Matthew (EPS) <matthew.moran@mass.gov> wrote:

> Good morning Colonel:
>
> Sorry for my delay in responding. I think it would make sense to include Sean Hughes and Rob Guerriero from Sec Wood's shop. They have the right technical and network background, having supported (and continue to while at EOTSS) EOPSS' network for years. I think they have the right experience to contribute to the group.
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> Weigh in if you disagree Secretary. I don't want to just offer up your people for this.
>
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>
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> **Sent:** Sunday, January 13, 2019 11:23 AM
> **To:** Wood, Curtis (EOTSS); Moran, Matthew (EPS)
> **Subject:** Fwd: Regional Trafficking Summit Invite
>
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>
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>
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Dermot

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FYI

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Superintendent
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470 Worcester Road
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508-820-2350

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106 Somerset St
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O 848 932 9898
C 609 203 0770
Linda.tartaglia@cop.rutgers.edu

From: Gilpin, Kerry (POL)
To: Quinn, Dermot (POL)
Cc: Mason, Christopher (POL)
Subject: Re: Regional Trafficking Summit Invite
Date: Saturday, January 12, 2019 7:39:04 PM

Dermot,

Let's wait until after the meeting Thursday before making any further decisions. If EOPSS/EOTSS is unwilling to entertain an MOU, no reason for any of us to attend the meeting in NY/NJ.

Sent from my iPhone

On Jan 12, 2019, at 18:16, Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us> wrote:

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Thank you in advance for attending this important summit, and for your participation in this groundbreaking effort to collect, assess, and share ALPR data

across the northeastern United States.

Regards,
Linda

Linda Tartaglia
Director
Center on Policing
Rutgers Unitversity
106 Somerset St
7th floor
New Brunswick, NJ 08901
O 848 932 9898
C 609 203 0770
Linda.tartaglia@cop.rutgers.edu

From: kerry.gilpin@pol.state.ma.us
To: Quinn, Dermot (POL)
Cc: Mason, Christopher (POL)
Subject: Re: Regional Trafficking Summit Invite
Date: Saturday, January 12, 2019 7:39:02 PM

Dermot,

Let's wait until after the meeting Thursday before making any further decisions. If EOPSS/EOTSS is unwilling to entertain an MOU, no reason for any of us to attend the meeting in NY/NJ.

Sent from my iPhone

On Jan 12, 2019, at 18:16, Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us> wrote:

> All set Colonel. I'm registered for conference and have the hotel booked. I believe they were also looking for a technical representative and a network representative. I am thinking Brian Egnitz for the first (I am going to drive it so it would only cost the hotel room for him) but the network person would have to come from EOPSS or EOTSS. I can reach out to them if you would like.
>
> Dermot
>
> ---
>
> **From:** Gilpin, Kerry (POL) <kerry.gilpin@pol.state.ma.us>
> **Sent:** Saturday, January 12, 2019 1:24 PM
> **To:** Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
> **Subject:** Fw: Regional Trafficking Summit Invite
>
> FYI
>
> Colonel Kerry A. Gilpin
> Superintendent
> Massachusetts State Police
> 470 Worcester Road
> Framingham, MA 01702
> 508-820-2350
>
> CONFIDENTIALILTY NOTICE: The information contained in this email and any attachment(s) is privileged and confidential law enforcement information. If you are not the intended recipient, you are hereby notified that any disclosure, dissemination, or copying of this communication is strictly prohibited. If you have received this message in error, please delete this email immediately.

From: Linda Tartaglia <linda.tartaglia@cop.rutgers.edu>
Sent: Friday, January 4, 2019 2:49 PM
To: Linda Tartaglia
Cc: rick fuentes; Thomas O'Reilly; James Sheehan
Subject: Regional Trafficking Summit Invite

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Rutgers Unitversity
106 Somerset St
7th floor
New Brunswick, NJ 08901
O 848 932 9898
C 609 203 0770
Linda.tartaglia@cop.rutgers.edu

From: Gilpin, Kerry (POL)
To: Wood, Curtis (EOTSS)
Cc: Moran, Matthew (EPS)
Subject: Re: Regional Trafficking Summit Invite
Date: Monday, January 14, 2019 8:51:16 PM

Sirs,

Thank you very much for your input. I have notified Dermot Quinn of same.

Respectfully,

Kerry

Sent from my iPhone

On Jan 14, 2019, at 18:45, Wood, Curtis (EOTSS) <curtis.wood@mass.gov> wrote:

> Rob Guerriero will be the rep from EOTSS / re network side of things
>
> CW
>
> Sent from my iPhone
>
> On Jan 14, 2019, at 9:54 AM, Moran, Matthew (EPS) <matthew.moran@mass.gov> wrote:
>
> > Good morning Colonel:
> >
> > Sorry for my delay in responding. I think it would make sense to include Sean Hughes and Rob Guerriero from Sec Wood's shop. They have the right technical and network background, having supported (and continue to while at EOTSS) EOPSS' network for years. I think they have the right experience to contribute to the group.
> >
> > Weigh in if you disagree Secretary. I don't want to just offer up your people for this.
> >
> > Thanks,
> > Matt
> >
> > ---
> >
> > **From:** Gilpin, Kerry (POL)
> > **Sent:** Sunday, January 13, 2019 11:23 AM
> > **To:** Wood, Curtis (EOTSS); Moran, Matthew (EPS)
> > **Subject:** Fwd: Regional Trafficking Summit Invite

Secretary Wood and Undersecretary Moran,

Please see below email from NYSP and NYSP regarding the ALPR MOU. I know we have a meeting on Thursday regarding this. They are looking for a rep from MSP (Dermot Quinn has volunteered to go) as well as a technical rep and network rep. Dermot is advocating for Brian Egnitz, however, I defer to you to make that call. Please let me know your thoughts.

Respectfully,

Kerry

Sent from my iPhone

Begin forwarded message:

> **From:** "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>
> **Date:** January 12, 2019 at 18:16:35 EST
> **To:** "Gilpin, Kerry (POL)" <kerry.gilpin@pol.state.ma.us>
> **Subject: RE: Regional Trafficking Summit Invite**
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106 Somerset St
7th floor
New Brunswick, NJ 08901
O 848 932 9898
C 609 203 0770
Linda.tartaglia@cop.rutgers.edu

From: Gover, Timothy
To: Egnitz, Brian (POL)
Subject: Re: SJC-12750 - Notice of Docket Entry
Date: Monday, July 29, 2019 4:18:24 PM

Brian thank you for the information we have already forwarded this information to Vigilant. If at any time you would like to talk with our representative or a member from vigilant we can make that happen.

Thank you again

Tim Gover
Officer
Wellesley Police Department

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Monday, July 29, 2019 9:21:04 AM
To: Gover, Timothy <tgover@wellesleyma.gov>
Subject: FW: SJC-12750 - Notice of Docket Entry

Can you please forward this on to your vigilant rep. I got your info from the training your hosting. Below is an important ALPR case.

Thanks, Brian

Brian Egnitz
Commonwealth Fusion Center
Massachusetts State Police
Phone: 978-451-3710 (Maynard) 508-988-7302 (GHQ)
Email: Brian.Egnitz@massmail.state.ma.us
Monday - Friday, 8 to 4

CONFIDENTIALITY NOTICE: The information contained in this email and any attachment is privileged and confidential law enforcement information. If you have received this email in error, please call 978-451-3700 immediately. Thank you.

-----Original Message-----
From: SJCCommClerk@sjc.state.ma.us [mailto:SJCCommClerk@sjc.state.ma.us]

Sent: Friday, June 14, 2019 6:00 PM
To: Sweeney, Elizabeth (CPI)
Subject: SJC-12750 - Notice of Docket Entry

Supreme Judicial Court for the Commonwealth of Massachusetts

RE: Docket No. SJC-12750

Commonwealth
v.
Jason McCarthy

NOTICE OF DOCKET ENTRY

Please take note that the following entry was made on the docket of the above-referenced case:

June 14, 2019 - ANNOUNCEMENT: The Justices are soliciting amicus briefs. Whether either a search warrant or a court order is required before obtaining automatic license plate recognition (ALPR) data collected from fixed points for a particular vehicle. See 18 U.S.C. s. 2518 (Electronic Communications Privacy Act); 18 U.S.C. s. 2703 (Stored Communications Act).

Francis V. Kenneally, Clerk

Dated: June 14, 2019

To:
Paul Alan Bogosian, Esquire
Elizabeth Anne Sweeney, A.D.A.

From: Fitzgerald, Thomas (POL)
To: Egnitz, Brian (POL); Griffin, Daniel (POL)
Subject: Re: SJC-12750 - Notice of Docket Entry
Date: Monday, July 29, 2019 9:22:36 AM

Got it, thanks!

Lieutenant Thomas Fitzgerald
Mass. State Police CVES
Concord, MA 01742

_____
From: Egnitz, Brian (POL) <brian.egnitz@pol.state.ma.us>
Sent: Monday, July 29, 2019 9:22:08 AM
To: Griffin, Daniel (POL); Fitzgerald, Thomas (POL)
Subject: FW: SJC-12750 - Notice of Docket Entry

Please forward if you know anyone who would file, it's an important ALPR case.

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Dated: June 14, 2019

To:
Paul Alan Bogosian, Esquire
Elizabeth Anne Sweeney, A.D.A.

From: Griffin, Daniel (POL)
To: Nardone, Andrea (DAA)
Subject: Re: SJC-12750 - Notice of Docket Entry
Date: Tuesday, June 18, 2019 3:58:38 PM

Good craft beer close by

> On Jun 18, 2019, at 3:48 PM, Nardone, Andrea (DAA) <Andrea.Nardone@massmail.state.ma.us> wrote:
>
> No that's ok. Just remind me I'll roadtrip it.
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>> Yes down in Barnstable. ROAD TRIP
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>>> From: Sweeney, Elizabeth (CPI) <ESweeney@MassMail.State.MA.US>
>>> Sent: Monday, June 17, 2019 3:16 PM
>>> To: DAA-DL-APPLT CHIEFS <DAA-DL-APPLTCHIEFS@MassMail.State.MA.US>
>>> Subject: RE: SJC-12750 - Notice of Docket Entry
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>
> FYI - it is going before the SJC.
>
> -----Original Message-----
> From: Sweeney, Elizabeth (CPI) <ESweeney@MassMail.State.MA.US>
> Sent: Monday, June 17, 2019 3:16 PM
> To: DAA-DL-APPLT CHIEFS <DAA-DL-APPLTCHIEFS@MassMail.State.MA.US>
> Subject: RE: SJC-12750 - Notice of Docket Entry
>
> Please see amicus announcement below re: whether a SW or a court order is required before obtaining automatic license plate data collected from fixed points. The defendant's brief is due on July 9, Commonwealth on August 8, with an argument scheduled for October 2nd. I'm handling the case for my office.
>
> Elizabeth
>
> -----Original Message-----
> From: SJCCommClerk@sjc.state.ma.us [mailto:SJCCommClerk@sjc.state.ma.us]
> Sent: Friday, June 14, 2019 6:00 PM
> To: Sweeney, Elizabeth (CPI)
> Subject: SJC-12750 - Notice of Docket Entry
>
> Supreme Judicial Court for the Commonwealth of Massachusetts
>
> RE: Docket No. SJC-12750
>
> Commonwealth
> v.
> Jason McCarthy
>
> NOTICE OF DOCKET ENTRY
>
> Please take note that the following entry was made on the docket of the above-referenced case:
>
> June 14, 2019 - ANNOUNCEMENT: The Justices are soliciting amicus briefs. Whether either a search warrant or a court order is required before obtaining automatic license plate recognition (ALPR) data collected from fixed points for a particular vehicle. See 18 U.S.C. s. 2518 (Electronic Communications Privacy Act); 18 U.S.C. s. 2703 (Stored Communications Act).
>
> Francis V. Kenneally, Clerk
>
> Dated: June 14, 2019
>
> To:
> Paul Alan Bogosian, Esquire
> Elizabeth Anne Sweeney, A.D.A.

From: daniel.griffin@pol.state.ma.us
To: Nardone, Andrea (DAA)
Subject: Re: SJC-12750 - Notice of Docket Entry
Date: Tuesday, June 18, 2019 1:32:53 PM

Yes down in Barnstable. ROAD TRIP

> On Jun 18, 2019, at 1:24 PM, Nardone, Andrea (DAA) <Andrea.Nardone@massmail.state.ma.us> wrote:
>
> FYI - it is going before the SJC.
>
> -----Original Message-----
> From: Sweeney, Elizabeth (CPI) <ESweeney@MassMail.State.MA.US>
> Sent: Monday, June 17, 2019 3:16 PM
> To: DAA-DL-APPLT CHIEFS <DAA-DL-APPLTCHIEFS@MassMail.State.MA.US>
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>
> Elizabeth
>
> -----Original Message-----
> From: SJCCommClerk@sjc.state.ma.us [mailto:SJCCommClerk@sjc.state.ma.us]
> Sent: Friday, June 14, 2019 6:00 PM
> To: Sweeney, Elizabeth (CPI)
> Subject: SJC-12750 - Notice of Docket Entry
>
> Supreme Judicial Court for the Commonwealth of Massachusetts
>
> RE: Docket No. SJC-12750
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> v.
> Jason McCarthy
>
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>
> Francis V. Kenneally, Clerk
>
> Dated: June 14, 2019
>
> To:
> Paul Alan Bogosian, Esquire
> Elizabeth Anne Sweeney, A.D.A.

From: Gover, Timothy
To: Egnitz, Brian (POL)
Subject: Re: SJC-12750 - Notice of Docket Entry
Date: Monday, July 29, 2019 4:48:26 PM

Tim Gover
Officer
Wellesley Police Department

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Monday, July 29, 2019 9:21 AM
To: Gover, Timothy
Subject: FW: SJC-12750 - Notice of Docket Entry

Can you please forward this on to your vigilant rep. I got your info from the training your hosting. Below is an important ALPR case.

Thanks, Brian

Brian Egnitz
Commonwealth Fusion Center
Massachusetts State Police
Phone: 978-451-3710 (Maynard) 508-988-7302 (GHQ)
Email: Brian.Egnitz@massmail.state.ma.us
Monday - Friday, 8 to 4

CONFIDENTIALITY NOTICE: The information contained in this email and any attachment is privileged and confidential law enforcement information. If you have received this email in error, please call 978-451-3700 immediately. Thank you.

-----Original Message-----
From: SJCCommClerk@sjc.state.ma.us [mailto:SJCCommClerk@sjc.state.ma.us]
Sent: Friday, June 14, 2019 6:00 PM
To: Sweeney, Elizabeth (CPI)
Subject: SJC-12750 - Notice of Docket Entry

Supreme Judicial Court for the Commonwealth of Massachusetts

RE: Docket No. SJC-12750

Commonwealth
v.
Jason McCarthy

NOTICE OF DOCKET ENTRY

Please take note that the following entry was made on the docket of the above-referenced case:

June 14, 2019 - ANNOUNCEMENT: The Justices are soliciting amicus briefs. Whether either a search warrant or a court order is required before obtaining automatic license plate recognition (ALPR) data collected from fixed points for a particular vehicle. See 18 U.S.C. s. 2518 (Electronic Communications Privacy Act); 18 U.S.C. s. 2703 (Stored Communications Act).

Francis V. Kenneally, Clerk

Dated: June 14, 2019

To:
Paul Alan Bogosian, Esquire
Elizabeth Anne Sweeney, A.D.A.

From: John Tedona
To: Egnitz, Brian (POL); Peter Crary
Subject: RE: SOW
Date: Wednesday, March 13, 2019 9:57:20 AM
Attachments: MSP SOW_20190123_rev3_TM.docx

You had suggested that I use SHI. Do you prefer BCM?

I think Maintenance is the entirety of the SOW. What exactly do you want the SOW to cover.

John Tedona
PIPS TECHNOLOGY - A Neology Business
Sales Manager
12760 Danielson Ct. Suite A
Poway, CA 92064
Phone: 201-841-6237
Email: jtedona@neology.net
PIPS Support: support@pipstechnology.com 833-747-7577, Option 1 for sales, Option 2 for Support
www.pipstechnology.com

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Wednesday, March 13, 2019 7:16 AM
To: John Tedona <jtedona@neology.net>
Subject: Re: SOW

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

I think so, can we get the maintenance split out separate. If your already working with SHI m, I need the massport scope from an approved reseller. BCM or SHI.

On Mar 12, 2019, at 7:09 PM, John Tedona <jtedona@neology.net> wrote:

> Will this happen?
>
> **John Tedona**
> **PIPS TECHNOLOGY** - A Neology Business
> Sales Manager
> 12760 Danielson Ct. Suite A
> Poway, CA 92064
> Phone: 201-841-6237
> Email: jtedona@neology.net
> PIPS Support: support@pipstechnology.com 833-747-7577, Option 1 for sales, Option 2 for Support
> **www.pipstechnology.com**

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Tuesday, March 12, 2019 7:01 PM
To: John Tedona <jtedona@neology.net>
Subject: Re: SOW

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Yes, Tim also reached out to shi.

On Mar 12, 2019, at 5:58 PM, John Tedona <jtedona@neology.net> wrote:

> I was contacted by SHI (a month after I sent them the SOW) to sign a few agreements so they can handle SOW procurement. Before I go down this path do you know if EOPS is still interested in PIPS maintaining the BOSS backend? Should I reach out to Tim Mitchell to enquire same?
>
> Thanks,
>
> <image001.png>
> A <image004.png> Business
> **John Tedona**
> Sales Manager
> 12760 Danielson Ct. Suite A
> Poway, CA 92064
> Phone: 201-841-6237
> Email: jtedona@neology.net
> PIPS Support: support@pipstechnology.com 833-747-7577, Option 1 for sales, Option 2 for Support
> **www.pipstechnology.com**
>
> <MSP SOW_20190123_rev3_TM.docx>

From: John Tedona
To: Egnitz, Brian (POL)
Subject: RE: SOW Draft
Date: Monday, March 4, 2019 5:40:31 PM
Attachments: MSP SOW_20190123_rev2_PC.docx

Here's the revised document.

2.2 (a.) Maynard has been changed to Chelsea

2.3 (f.) Bulk deletion of data from the BOSS warehouse has been changed to read Ensure the compliance of ALPR data retention policies within BOSS through periodic audits and any needed purging beyond the system capabilities.

-
-

John Tedona
PIPS TECHNOLOGY - A Neology Business
Sales Manager
12760 Danielson Ct. Suite A
Poway, CA 92064
Phone: 201-841-6237
Email: jtedona@neology.net
PIPS Support: support@pipstechnology.com 833-747-7577, Option 1 for sales, Option 2 for Support
www.pipstechnology.com

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Friday, March 1, 2019 11:54 AM
To: John Tedona <jtedona@neology.net>
Subject: FW: SOW Draft

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Can you please modify or clarifiy

From: Mitchell, Timothy (EPS)
Sent: Thursday, February 28, 2019 12:42 PM
To: Egnitz, Brian (POL)
Subject: RE: SOW Draft

Brian
I have sent this for review and comment to my supervisors. I made a few small notations and have attached it to this email.
Thanks

Timothy Mitchell
Massachusetts Executive Office of Public Safety and Security
Office of Technology and Information Services
Enterprise and Field Services Support Division
Public Safety Data Center
200 Arlington St., Suite 2200
Chelsea, MA 02150
(P) 617.660.4665
(F) 617.884.4601
(E) timothy.mitchell@state.ma.us
http://www.mass.gov/eops

From: Egnitz, Brian (POL)
Sent: Wednesday, January 30, 2019 8:25 PM
To: Mitchell, Timothy (EPS)
Subject: Fwd: SOW Draft

Rev. 2

Begin forwarded message:

> **From:** John Tedona <jtedona@neology.net>
> **Date:** January 30, 2019 at 10:22:30 AM EST
> **To:** "Egnitz, Brian (POL)" <brian.egnitz@pol.state.ma.us>
> **Cc:** Peter Crary <pcrary@neology.net>
> **Subject: RE: SOW Draft**
>
> Good catch. Done. Please see attached. Let me know when this has been approved and what the next steps are to begin. Note that the SOW has Feb 1, 2019 as the start so I assume the terms will slide until we receive approval notification from SHI.
>
> Thanks,
>
> **John Tedona**
> **PIPS TECHNOLOGY** - A Neology Business
> Sales Manager
> 12760 Danielson Ct. Suite A
> Poway, CA 92064
> Phone: 201-841-6237
> Email: jtedona@neology.net
> PIPS Support: support@pipstechnology.com 833-747-7577, Option 1 for sales, Option 2 for Support

www.pipstechnology.com

From: Egnitz, Brian (POL) <brian.egnitz@state.ma.us>
Sent: Friday, January 25, 2019 2:08 PM
To: John Tedona <jtedona@neology.net>
Cc: Peter Crary <pcrary@neology.net>
Subject: RE: SOW Draft

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Looks good John,

Can you please remove this language, its leftover from the template

(1) Determine if issue requires a mapping correction and fix that if covered under the 10 hours.

From: John Tedona [mailto:jtedona@neology.net]
Sent: Wednesday, January 23, 2019 5:27 PM
To: Egnitz, Brian (POL)
Cc: Peter Crary
Subject: SOW Draft

Brian,

Take a look at the attached SOW. To simplify things we used your sample as a guide. After you had a chance to read it over I'd like to have a conference call with you and Peter to discuss any modifications that need to be addressed.

Thanks,

From: Corey Mackey
To: Mason, Christopher (POL)
Subject: RE: TRF-11 Draft
Date: Tuesday, October 1, 2019 4:21:36 PM
Attachments: Review with track changes_TRF-11 Automatic License Plate Recognition Rev....doc

Sir,

Attached is our review with track changes enabled. Just a quick few adds with regards to including DIS/DHS.

Thanks,

-Corey

From: Mason, Chris (POL) [mailto:chris.mason@state.ma.us]
Sent: Tuesday, October 1, 2019 12:00 PM
To: Corey Mackey
Subject: FW: TRF-11 Draft

Corey,
Here is the LPR draft.

Lieutenant Colonel Christopher S. Mason
Deputy Superintendent
Massachusetts State Police
470 Worcester Road
Framingham, MA. 01702
508.820.2330

From: Tapis, Stephen C (POL)
Sent: Monday, September 30, 2019 2:44 PM
To: Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>
Cc: Range, Scott (POL) <scott.range@pol.state.ma.us>; Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Losardo, Donna (POL) <donna.losardo@pol.state.ma.us>; England, Kara (POL) <kara.england@pol.state.ma.us>
Subject: TRF-11 Draft

Deputy Mason-

Please find attached the Draft TRF-11 for review.

Respectfully-

Trooper Stephen Tapis #3888

Massachusetts State Police
Strategic Planning Section
470 Worcester Road
Framingham, MA 01702
(508) 820-2309

The information transmitted is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited

To:	Quinn, Dermot (POL); Range, Scott (POL); Mason, Christopher (POL); Halpin, Michael (POL); Farrell, Sean (POL)
Cc:	Slater, James (CHS); Dunne, Michaela (CHS); Tapis, Stephen C (POL); Pinkes, William (POL); Egnitz, Brian (POL)
Subject:	RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date:	Friday, September 27, 2019 8:37:52 AM
Attachments:	image001.png

Good Morning,

I have been advised that the attached draft meets all of the criteria for Accreditation. Please advise when final review and approval is complete. Trooper Tapis and I will then do the final formatting and processing for promulgation.

Thanks for everyone's attention to this matter.

Respectfully,
KME

From: Quinn, Dermot (POL)
Sent: Thursday, September 26, 2019 12:02 PM
To: Range, Scott (POL); Mason, Christopher (POL); Tapis, Stephen C (POL); Pinkes, William (POL); Halpin, Michael (POL); Farrell, Sean (POL); England, Kara (POL); Egnitz, Brian (POL)
Cc: Slater, James (CHS); Dunne, Michaela (CHS)
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

All,

Given that the ALPR servers are secured and operated at the DCJIS data center in Chelsea, and that the application is managed by both DCJIS and MSP, I am suggesting the following changes highlighted in red. I am also copying in Commissioner Slater and Michaela Dunne from DCJIS for their thoughts and comments.

Please keep in mind that much of this language is coming from the BJA ALPR Policy Template, and our goal is to be in compliance so that HSGP funds continue to flow uninterrupted.

Respectfully,

Lieutenant Colonel Dermot J. Quinn #1765
Division Commander
Division of Homeland Security & Preparedness
Massachusetts State Police

Security The following shall apply to ALPR system and information security:

- The Department of Criminal Justice Information Services of the Executive Office of Public Safety and Security, will operate ALPR servers in a secure facility protected from external intrusion and will utilize secure internal and external safeguards against network intrusions. Any access to DCJIS ALPR information from outside the facility will be allowed only over secure networks;

- The Department and DCJIS will store ALPR information in a manner that ensures that it cannot be added to, modified, accessed, or purged except by personnel authorized to take such actions;

- Access to Department ALPR information will be granted only to personnel whose positions and job duties require such access and who have successfully completed a background check and training;

- Usernames and passwords to ALPR information are not transferrable, must not be shared by Department personnel, and must be kept confidential;

- Queries made to the Department's ALPR information will be logged into the system identifying the user initiating the query. All user access, including participating agency access, and queries are subject to review and audit; and

- The Department and DCJIS will maintain an audit trail of accessed, requested, or disseminated Department-held ALPR information. An audit trail will be kept for a minimum of one-year of requests for access to ALPR information for specific purposes and of what ALPR information is disseminated to each individual in response to the request.

From: England, Kara (POL) <kara.england@pol.state.ma.us>
Sent: Thursday, September 26, 2019 11:01 AM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Range, Scott (POL) <scott.range@pol.state.ma.us>
Cc: Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>; Tapis, Stephen C (POL) <Stephen.C.Tapis@pol.state.ma.us>; Pinkes, William (POL) <william.pinkes@pol.state.ma.us>; Halpin, Michael (POL) <michael.halpin@pol.state.ma.us>; Farrell, Sean (POL) <sean.farrell@pol.state.ma.us>
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Morning,

As you are probably aware, the Department is in the process of ensuring that our policies meet Accreditation standards. Please find attached a pdf of Accreditation standards relative to LPR (along with the attached word doc of the revised TRF-11 DRAFT that has been circulating.)

As part of the Fusion Center's revisions to ensure policy compliance with BJA LPR Policy Template (as reflected in attached revised DRAFT), before finalizing the draft for promulgation, the Department would like you to take this opportunity to incorporate the language the Fusion Center deems appropriate for the MSP to be in compliance with Accreditation standards as well.

Respectfully,
KME

From: England, Kara (POL)
Sent: Wednesday, September 18, 2019 10:05 AM
To: Quinn, Dermot (POL); Halpin, Michael (POL); Farrell, Sean (POL)
Cc: Mason, Christopher (POL); Range, Scott (POL); Tapis, Stephen C (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Morning,

Please see the attached draft. It incorporates some very minor changes (which have been tracked and can be accepted or not.)

There is one change that I did not want to make without consultation –

- On page 6, "Security" section, first bullet: should the first sentence read "The Department will operate *the ALPR system* in a secure facility protected from external intrusion and will utilize secure internal and external safeguards against network intrusions."?

Also, as you may have discovered, the formatting of these word documents can be very quirky, so when all revisions have been finalized and the document is ready for promulgation, Trooper Tapis and I will do the final formatting.

Respectfully,
KME

From: Quinn, Dermot (POL)
Sent: Tuesday, September 17, 2019 6:50 PM
To: Halpin, Michael (POL); Farrell, Sean (POL); England, Kara (POL); Tapis, Stephen C (POL)
Cc: Mason, Christopher (POL); Range, Scott (POL)
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Evening All,

The Fusion Center needs to be in compliance with three new requirements from DHS to continue to be eligible for HSGF. The first is an MOU between the CFC and DHS. Major Range and his team have already submitted our proposal to DHS for comments. Second, a facial recognition SOP is required and a draft of that document has been submitted to Legal Section for comment. Lastly, an LPR policy

that incorporates elements from the BJA LPR Policy Template is required. This email addresses that issue. Attached please find an edited version of the existing MSP ALPR Policy (TRF-11). The edits that have been prepared by Major Range and his team incorporate the required elements from the BJA template required by DHS (See attached BJA LPR Policy Template). We are very open to editing, including grammar and style, and obviously any guidance on legal issues that our edits may present.

Please keep in mind that these are requirements are from DHS, and placed on the CFC in order to continue to receive Homeland Security Grant Funding. HSGF provides the MSP the financial resources to keep the CFC operating. We appreciate your attention to this matter as we need to have this in place by the end of the month.

Respectfully,

Lieutenant Colonel Dermot J. Quinn #1765
Division Commander
Division of Homeland Security & Preparedness
Massachusetts State Police

From: Range, Scott (POL) <scott.range@pol.state.ma.us>
Sent: Tuesday, September 17, 2019 6:23 PM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
Subject: Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Sent from my iPhone

Begin forwarded message:

> **From:** "Range, Scott (POL)" <scott.range@pol.state.ma.us>
> **Date:** September 9, 2019 at 6:23:30 PM EDT
> **To:** "Dermot Quinn (dermot.quinn@massmail.state.ma.us)" <dermot.quinn@massmail.state.ma.us>
> **Cc:** "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Warren, Rosemary (POL)" <Rosemary.Warren@pol.state.ma.us>
> **Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements**

Lt. Col. Quinn,

As requested, the changes that were discussed last Friday have been made to the attached updated DRAFT.

Respectfully,
Scott

From: Range, Scott (POL)
Sent: Friday, September 06, 2019 12:59 PM
To: Warren, Rosemary (POL)
Subject: Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Sent from my iPhone

Begin forwarded message:

> **From:** "Stelmat, Jason (POL)" <Jason.Stelmat@pol.state.ma.us>
> **Date:** September 5, 2019 at 1:40:17 PM EDT
> **To:** "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>, "Range, Scott (POL)" <scott.range@pol.state.ma.us>, "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Brooks, Brian (POL)" <brian.brooks@pol.state.ma.us>
> **Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements**
>
> Good afternoon,
> I apologize for the delay in distributing this. I was able to recreate the original TRF-11 in a much more workable format in Word. I've made some additions (highlighted in the attached document) which I believe brings us up to speed with respect to DHS grant requirements. I did not remove anything from the existing TRF-11, but ended up adding approximately 3 pages to the current policy. I did my best to exclude irrelevant or unnecessary portions of the BJA guidelines. Any additional thoughts or suggestions are welcome.
>
> Thanks,
> Jason
>
> ---
>
> **From:** Brooks, Brian (POL)
> **Sent:** Wednesday, September 04, 2019 5:58 PM
> **To:** Range, Scott (POL); Stelmat, Jason (POL)
> **Cc:** Quinn, Dermot (POL); Gawron, Stephen (POL)
> **Subject:** RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Please see attached

From: Range, Scott (POL) <scott.range@pol.state.ma.us>
Sent: Wednesday, September 4, 2019 5:57 PM
To: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>; Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>
Subject: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Jason,

As discussed, the existing TRF-11 is attached in a PDF format. Lt. Brooks will have someone try to un-PDF it now and then email it back to this group.

On Thursday, please mark up a new TRF-11 DRAFT with the suggested changes that are needed to comply with the template pursuant to the new DHS HSGP Grant Requirements. Then send that document back to this group on Thursday so Lt. Col. Quinn can work with GHQ to try and get TRF-11 fully updated prior to the end of this month to comply.

Thank again for your work on this. We appreciate it.

From:	England, Kara (POL)
To:	Pinkes, William (POL)
Subject:	RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date:	Friday, September 27, 2019 8:28:00 AM
Attachments:	image001.png image002.png

Good news, I will spread word. Thanks.

From: Pinkes, William (POL)
Sent: Friday, September 27, 2019 6:25 AM
To: England, Kara (POL)
Subject: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good morning Kara,

I failed to answer the most basic of questions, which is that the draft LPR policy meets all of the criteria for Accreditation.

Bill Pinkes
Accreditation Manager
Massachusetts State Police
470 Worcester Road
Framingham, MA 01702
508-808-3448

From: Pinkes, William (POL)
Sent: Thursday, September 26, 2019 11:59 AM
To: England, Kara (POL) <kara.england@pol.state.ma.us>
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Kara,

It is minor, but in Paragraph 1, a redundant use of "the" should be struck, it is not consistent with how the Department is addressed in MGL. I have provided a highlighted strike through on the attached Word document.

I would suggest a clarification be made to the "manual entries" section. When assigned to the Watch Center, we began to cull the lists and found that members would put information in, but were failing to remove same at the conclusion of their investigation and/or critical event. Identifying who is responsible for the removal of the data allows the Department to assign a level of

accountability, whereas if it is left open-ended everyone assumes someone else will do it.

Under policy review, I would suggest striking the non-bulleted paragraph beginning with "As the use of technology progresses……" An ongoing policy review is a goal of the Department and policies should be under constant review by the Division to which said policies are assigned, with a minimum of annual review.

Just some thoughts that I am sharing with you, not the group as I will defer to you if you wish to bring them to the greater group.

Bill

Bill Pinkes
Accreditation Manager
Massachusetts State Police
470 Worcester Road
Framingham, MA 01702
508-808-3448

From: England, Kara (POL) <kara.england@pol.state.ma.us>
Sent: Thursday, September 26, 2019 11:01 AM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Range, Scott (POL) <scott.range@pol.state.ma.us>
Cc: Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>; Tapis, Stephen C (POL) <Stephen.C.Tapis@pol.state.ma.us>; Pinkes, William (POL) <william.pinkes@pol.state.ma.us>; Halpin, Michael (POL) <michael.halpin@pol.state.ma.us>; Farrell, Sean (POL) <sean.farrell@pol.state.ma.us>
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Morning,

As you are probably aware, the Department is in the process of ensuring that our policies meet Accreditation standards. Please find attached a pdf of Accreditation standards relative to LPR (along with the attached word doc of the revised TRF-11 DRAFT that has been circulating.)

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Sent: Wednesday, September 18, 2019 10:05 AM
To: Quinn, Dermot (POL); Halpin, Michael (POL); Farrell, Sean (POL)
Cc: Mason, Christopher (POL); Range, Scott (POL); Tapis, Stephen C (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

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Sent: Tuesday, September 17, 2019 6:23 PM
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From: Pinkes, William (POL)
To: Pinkes, William (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Friday, September 27, 2019 6:24:00 AM
Attachments: image001.png
image002.png

Good morning Kara,

I failed to answer the most basic of questions, which is that the draft LPR policy meets all of the criteria for Accreditation.

Bill Pinkes
Accreditation Manager
Massachusetts State Police
470 Worcester Road
Framingham, MA 01702
508-808-3448

From: Pinkes, William (POL)
Sent: Thursday, September 26, 2019 11:59 AM
To: England, Kara (POL) <kara.england@pol.state.ma.us>
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

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Cc: Slater, James (CHS); Dunne, Michaela (CHS)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Thursday, September 26, 2019 12:22:00 PM
Attachments: image001.png

Colonel,

Thank you for your response. I will make the below changes in red to the DRAFT.

Also, Accreditation Manager Pinkes provided the following …

- I would suggest a clarification be made to the "manual entries" section. When assigned to the Watch Center, we began to cull the lists and found that members would put information in, but were failing to remove same at the conclusion of their investigation and/or critical event. Identifying who is responsible for the removal of the data allows the Department to assign a level of accountability, whereas if it is left open-ended everyone assumes someone else will do it.

- Under policy review, I would suggest striking the non-bulleted paragraph beginning with "As the use of technology progresses……" An ongoing policy review is a goal of the Department and policies should be under constant review by the Division to which said policies are assigned, with a minimum of annual review.

Please advise, if and how you would like to incorporate the above suggestions into the DRAFT. I can add any other changes you deem appropriate (along with the items in red below) and then recirculate the draft again for final review prior to promulgations.

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Sent: Thursday, September 26, 2019 12:02 PM
To: Range, Scott (POL); Mason, Christopher (POL); Tapis, Stephen C (POL); Pinkes, William (POL); Halpin, Michael (POL); Farrell, Sean (POL); England, Kara (POL); Egnitz, Brian (POL)
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Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

All,

Given that the ALPR servers are secured and operated at the DCJIS data center in Chelsea, and that the application is managed by both DCJIS and MSP, I am suggesting the following changes highlighted in red. I am also copying in Commissioner Slater and Michaela Dunne from DCJIS for their thoughts and comments.

Please keep in mind that much of this language is coming from the BJA ALPR Policy Template, and our goal is to be in compliance so that HSGP funds continue to flow uninterrupted.

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Security The following shall apply to ALPR system and information security:

- The Department of Criminal Justice Information Services of the Executive Office of Public Safety and Security, will operate ALPR servers in a secure facility protected from external intrusion and will utilize secure internal and external safeguards against network intrusions. Any access to DCJIS ALPR information from outside the facility will be allowed only over secure networks;

- The Department and DCJIS will store ALPR information in a manner that ensures that it cannot be added to, modified, accessed, or purged except by personnel authorized to take such actions;

- Access to Department ALPR information will be granted only to personnel whose positions and job duties require such access and who have successfully completed a background check and training;

- Usernames and passwords to ALPR information are not transferrable, must not be shared by Department personnel, and must be kept confidential;

- Queries made to the Department's ALPR information will be logged into the system identifying the user initiating the query. All user access, including participating agency access, and queries are subject to review and audit; and

- The Department and DCJIS will maintain an audit trail of accessed, requested, or disseminated Department-held ALPR information. An audit trail will be kept for a minimum of one-year of requests for access to ALPR information for specific purposes and of what ALPR information is disseminated to each individual in response to the request.

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To: England, Kara (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Thursday, September 26, 2019 11:59:14 AM
Attachments: image002.png
image003.png
TRF-11 Automatic License Plate Recognition DRAFT UPDATE 09182019.docx

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<Stephen.C.Tapis@pol.state.ma.us>; Pinkes, William (POL) <william.pinkes@pol.state.ma.us>; Halpin, Michael (POL) <michael.halpin@pol.state.ma.us>; Farrell, Sean (POL) <sean.farrell@pol.state.ma.us>
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Morning,

As you are probably aware, the Department is in the process of ensuring that our policies meet Accreditation standards. Please find attached a pdf of Accreditation standards relative to LPR (along with the attached word doc of the revised TRF-11 DRAFT that has been circulating.)

As part of the Fusion Center's revisions to ensure policy compliance with BJA LPR Policy Template (as reflected in attached revised DRAFT), before finalizing the draft for promulgation, the Department would like you to take this opportunity to incorporate the language the Fusion Center deems appropriate for the MSP to be in compliance with Accreditation standards as well.

Respectfully,
KME

From: England, Kara (POL)
Sent: Wednesday, September 18, 2019 10:05 AM
To: Quinn, Dermot (POL); Halpin, Michael (POL); Farrell, Sean (POL)
Cc: Mason, Christopher (POL); Range, Scott (POL); Tapis, Stephen C (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Morning,

Please see the attached draft. It incorporates some very minor changes (which have been tracked and can be accepted or not.)

There is one change that I did not want to make without consultation –

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Also, as you may have discovered, the formatting of these word documents can be very quirky, so when all revisions have been finalized and the document is ready for promulgation, Trooper Tapis and I will do the final formatting.

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From: Quinn, Dermot (POL)
Sent: Tuesday, September 17, 2019 6:50 PM
To: Halpin, Michael (POL); Farrell, Sean (POL); England, Kara (POL); Tapis, Stephen C (POL)
Cc: Mason, Christopher (POL); Range, Scott (POL)
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Evening All,

The Fusion Center needs to be in compliance with three new requirements from DHS to continue to be eligible for HSGF. The first is an MOU between the CFC and DHS. Major Range and his team have already submitted our proposal to DHS for comments. Second, a facial recognition SOP is required and a draft of that document has been submitted to Legal Section for comment. Lastly, an LPR policy that incorporates elements from the BJA LPR Policy Template is required. This email addresses that issue. Attached please find an edited version of the existing MSP ALPR Policy (TRF-11). The edits that have been prepared by Major Range and his team incorporate the required elements from the BJA template required by DHS (See attached BJA LPR Policy Template). We are very open to editing, including grammar and style, and obviously any guidance on legal issues that our edits may present.

Please keep in mind that these are requirements are from DHS, and placed on the CFC in order to continue to receive Homeland Security Grant Funding. HSGF provides the MSP the financial resources to keep the CFC operating. We appreciate your attention to this matter as we need to have this in place by the end of the month.

Respectfully,

Lieutenant Colonel Dermot J. Quinn #1765
Division Commander
Division of Homeland Security & Preparedness
Massachusetts State Police

From: Range, Scott (POL) <scott.range@pol.state.ma.us>
Sent: Tuesday, September 17, 2019 6:23 PM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
Subject: Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Sent from my iPhone

Begin forwarded message:

From: "Range, Scott (POL)" <scott.range@pol.state.ma.us>

Date: September 9, 2019 at 6:23:30 PM EDT
To: "Dermot Quinn (dermot.quinn@massmail.state.ma.us)" <dermot.quinn@massmail.state.ma.us>
Cc: "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Warren, Rosemary (POL)" <Rosemary.Warren@pol.state.ma.us>
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Lt. Col. Quinn,

As requested, the changes that were discussed last Friday have been made to the attached updated DRAFT.

Respectfully,
Scott

From: Range, Scott (POL)
Sent: Friday, September 06, 2019 12:59 PM
To: Warren, Rosemary (POL)
Subject: Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Sent from my iPhone

Begin forwarded message:

> **From:** "Stelmat, Jason (POL)" <Jason.Stelmat@pol.state.ma.us>
> **Date:** September 5, 2019 at 1:40:17 PM EDT
> **To:** "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>, "Range, Scott (POL)" <scott.range@pol.state.ma.us>, "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Brooks, Brian (POL)" <brian.brooks@pol.state.ma.us>
> **Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements**
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Thanks,
Jason

From: Brooks, Brian (POL)
Sent: Wednesday, September 04, 2019 5:58 PM
To: Range, Scott (POL); Stelmat, Jason (POL)
Cc: Quinn, Dermot (POL); Gawron, Stephen (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Please see attached

From: Range, Scott (POL) <scott.range@pol.state.ma.us>
Sent: Wednesday, September 4, 2019 5:57 PM
To: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>; Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>
Subject: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

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Thank again for your work on this. We appreciate it.

To: England, Kara (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Thursday, September 26, 2019 11:50:43 AM
Attachments: image002.png
image003.png

Kara,

It is minor, but in Paragraph 1, a redundant use of "the" should be struck, it is not consistent with how the Department is addressed in MGL. I have provided a highlighted strike through on the attached Word document.

I would suggest a clarification be made to the "manual entries" section. When assigned to the Watch Center, we began to cull the lists and found that members would put information in, but were failing to remove same at the conclusion of their investigation and/or critical event. Identifying who is responsible for the removal of the data allows the Department to assign a level of accountability, whereas if it is left open-ended everyone assumes someone else will do it.

Under policy review, I would suggest striking the non-bulleted paragraph beginning with "As the use of technology progresses……" An ongoing policy review is a goal of the Department and policies should be under constant review by the Division to which said policies are assigned, with a minimum of annual review.

Just some thoughts that I am sharing with you, not the group as I will defer to you if you wish to bring them to the greater group.

Bill

Bill Pinkes
Accreditation Manager
Massachusetts State Police
470 Worcester Road
Framingham, MA 01702
508-808-3448

From: England, Kara (POL) <kara.england@pol.state.ma.us>
Sent: Thursday, September 26, 2019 11:01 AM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Range, Scott (POL) <scott.range@pol.state.ma.us>
Cc: Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>; Tapis, Stephen C (POL) <Stephen.C.Tapis@pol.state.ma.us>; Pinkes, William (POL) <william.pinkes@pol.state.ma.us>;

Halpin, Michael (POL) <michael.halpin@pol.state.ma.us>; Farrell, Sean (POL) <sean.farrell@pol.state.ma.us>
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

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To: Quinn, Dermot (POL); Halpin, Michael (POL); Farrell, Sean (POL)
Cc: Mason, Christopher (POL); Range, Scott (POL); Tapis, Stephen C (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

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Cc: Mason, Christopher (POL); Range, Scott (POL)
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

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Division Commander
Division of Homeland Security & Preparedness
Massachusetts State Police

From: Range, Scott (POL) <scott.range@pol.state.ma.us>
Sent: Tuesday, September 17, 2019 6:23 PM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
Subject: Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Sent from my iPhone

Begin forwarded message:

> **From:** "Range, Scott (POL)" <scott.range@pol.state.ma.us>
> **Date:** September 9, 2019 at 6:23:30 PM EDT

To: "Dermot Quinn (dermot.quinn@massmail.state.ma.us)" <dermot.quinn@massmail.state.ma.us>
Cc: "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Warren, Rosemary (POL)" <Rosemary.Warren@pol.state.ma.us>
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Lt. Col. Quinn,

As requested, the changes that were discussed last Friday have been made to the attached updated DRAFT.

Respectfully,
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Sent from my iPhone

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> **From:** "Stelmat, Jason (POL)" <Jason.Stelmat@pol.state.ma.us>
> **Date:** September 5, 2019 at 1:40:17 PM EDT
> **To:** "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>, "Range, Scott (POL)" <scott.range@pol.state.ma.us>, "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Brooks, Brian (POL)" <brian.brooks@pol.state.ma.us>
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Cc: Quinn, Dermot (POL); Gawron, Stephen (POL)
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Cc: Mason, Christopher (POL); Range, Scott (POL); Tapis, Stephen C (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Wednesday, September 18, 2019 10:05:00 AM
Attachments: image001.png
TRF-11 Automatic License Plate Recognition DRAFT UPDATE 09182019.docx

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- On page 6, "Security" section, first bullet: should the first sentence read "The Department will operate *the ALPR system* in a secure facility protected from external intrusion and will utilize secure internal and external safeguards against network intrusions."?

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Massachusetts State Police

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Subject: Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

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> **From:** "Range, Scott (POL)" <scott.range@pol.state.ma.us>
> **Date:** September 9, 2019 at 6:23:30 PM EDT
> **To:** "Dermot Quinn (dermot.quinn@massmail.state.ma.us)" <dermot.quinn@massmail.state.ma.us>
> **Cc:** "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Warren, Rosemary (POL)" <Rosemary.Warren@pol.state.ma.us>
> **Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements**
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Sent from my iPhone

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Date: September 5, 2019 at 1:40:17 PM EDT
To: "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>, "Range, Scott (POL)" <scott.range@pol.state.ma.us>, "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Brooks, Brian (POL)" <brian.brooks@pol.state.ma.us>
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Grant Requirements

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To: Quinn, Dermot (POL); Range, Scott (POL); Gawron, Stephen (POL); Brooks, Brian (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Thursday, September 5, 2019 1:40:20 PM
Attachments: Automated License Plate Recognition (DRAFT SOP 09.05.2019).docx

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Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

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To:	Quinn, Dermot (POL); Range, Scott (POL); Gawron, Stephen (POL); Brooks, Brian (POL)
Subject:	RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date:	Thursday, September 5, 2019 1:38:03 PM
Attachments:	Automated License Plate Recognition (DRAFT SOP 09.05.2019).docx

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From: Brooks, Brian (POL)
To: Stelmat, Jason (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Thursday, September 5, 2019 10:59:28 AM
Attachments: TRF-11 Automatic License Plate Recognition.docx

Try this

From: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Sent: Thursday, September 5, 2019 10:33 AM
To: Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>; Range, Scott (POL) <scott.range@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

I'm having great difficulty editing this document. I'm not sure if something happened in the conversion from PDF to Word but when I try to make additions to a particular section it either does not allow it or it cripples the format. Is it possible to obtain the original unsigned Word document for TRF-11 before it was converted to a PDF?

From: Brooks, Brian (POL)
Sent: Wednesday, September 04, 2019 5:58 PM
To: Range, Scott (POL); Stelmat, Jason (POL)
Cc: Quinn, Dermot (POL); Gawron, Stephen (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

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Thank again for your work on this. We appreciate it.

To:	Stelmat, Jason (POL)
Subject:	RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date:	Thursday, September 5, 2019 10:59:20 AM
Attachments:	TRF-11 Automatic License Plate Recognition.docx

From: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Sent: Thursday, September 5, 2019 10:33 AM
To: Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>; Range, Scott (POL) <scott.range@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

I'm having great difficulty editing this document. I'm not sure if something happened in the conversion from PDF to Word but when I try to make additions to a particular section it either does not allow it or it cripples the format. Is it possible to obtain the original unsigned Word document for TRF-11 before it was converted to a PDF?

From: Brooks, Brian (POL)
Sent: Wednesday, September 04, 2019 5:58 PM
To: Range, Scott (POL); Stelmat, Jason (POL)
Cc: Quinn, Dermot (POL); Gawron, Stephen (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Please see attached

From: Range, Scott (POL) <scott.range@pol.state.ma.us>
Sent: Wednesday, September 4, 2019 5:57 PM
To: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>; Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>
Subject: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Jason,

As discussed, the existing TRF-11 is attached in a PDF format. Lt. Brooks will have someone try to un-PDF it now and then email it back to this group.

On Thursday, please mark up a new TRF-11 DRAFT with the suggested changes that are needed to comply with the template pursuant to the new DHS HSGP Grant Requirements. Then send that document back to this group on Thursday so Lt. Col. Quinn can work with GHQ to try and get TRF-11 fully updated prior to the end of this month to comply.

Thank again for your work on this. We appreciate it.

From:	Stelmat, Jason (POL)
To:	Brooks, Brian (POL); Range, Scott (POL); Gawron, Stephen (POL)
Subject:	RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date:	Thursday, September 5, 2019 10:33:26 AM
Attachments:	TRF-11 Automatic License Plate Recognition Revised 6-14-2018.docx

I'm having great difficulty editing this document. I'm not sure if something happened in the conversion from PDF to Word but when I try to make additions to a particular section it either does not allow it or it cripples the format. Is it possible to obtain the original unsigned Word document for TRF-11 before it was converted to a PDF?

From: Brooks, Brian (POL)
Sent: Wednesday, September 04, 2019 5:58 PM
To: Range, Scott (POL); Stelmat, Jason (POL)
Cc: Quinn, Dermot (POL); Gawron, Stephen (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

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Sent: Wednesday, September 4, 2019 5:57 PM
To: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>; Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>
Subject: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

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Thank again for your work on this. We appreciate it.

To:	Brooks, Brian (POL); Range, Scott (POL); Gawron, Stephen (POL)
Subject:	RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date:	Thursday, September 5, 2019 10:31:40 AM
Attachments:	TRF-11 Automatic License Plate Recognition Revised 6-14-2018.docx

I'm having great difficulty editing this document. I'm not sure if something happened in the conversion from PDF to Word but when I make additions to a particular section it either cripples the format or

From: Brooks, Brian (POL)
Sent: Wednesday, September 04, 2019 5:58 PM
To: Range, Scott (POL); Stelmat, Jason (POL)
Cc: Quinn, Dermot (POL); Gawron, Stephen (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Please see attached

From: Range, Scott (POL) <scott.range@pol.state.ma.us>
Sent: Wednesday, September 4, 2019 5:57 PM
To: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>; Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>
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From: Brooks, Brian (POL)
To: Range, Scott (POL); Stelmat, Jason (POL)
Cc: Quinn, Dermot (POL); Gawron, Stephen (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Wednesday, September 4, 2019 5:58:25 PM
Attachments: TRF-11 Automatic License Plate Recognition Revised 6-14-2018.docx

---

Please see attached

From: Range, Scott (POL) <scott.range@pol.state.ma.us>
Sent: Wednesday, September 4, 2019 5:57 PM
To: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>; Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>
Subject: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

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Cc:	Quinn, Dermot (POL); Gawron, Stephen (POL)
Subject:	RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date:	Wednesday, September 4, 2019 5:57:57 PM
Attachments:	TRF-11 Automatic License Plate Recognition Revised 6-14-2018.docx

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Sent: Wednesday, September 4, 2019 5:57 PM
To: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>; Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>
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Thank again for your work on this. We appreciate it.

From:	England, Kara (POL)
To:	Quinn, Dermot (POL); Range, Scott (POL); Mason, Christopher (POL); Halpin, Michael (POL); Farrell, Sean (POL)
Cc:	Slater, James (CHS); Dunne, Michaela (CHS); Tapis, Stephen C (POL); Pinkes, William (POL); Egnitz, Brian (POL)
Subject:	RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date:	Friday, September 27, 2019 8:39:00 AM
Attachments:	image001.png TRF-11 Automatic License Plate Recognition DRAFT UPDATE 09262019.docx

Good Morning,

I have been advised that the attached draft meets all of the criteria for Accreditation.

Please advise when final review and approval is complete.

Trooper Tapis and I will then do the final formatting and processing for promulgation.

Thanks for everyone's attention to this matter.

Respectfully,
KME

From: Quinn, Dermot (POL)
Sent: Thursday, September 26, 2019 12:02 PM
To: Range, Scott (POL); Mason, Christopher (POL); Tapis, Stephen C (POL); Pinkes, William (POL); Halpin, Michael (POL); Farrell, Sean (POL); England, Kara (POL); Egnitz, Brian (POL)
Cc: Slater, James (CHS); Dunne, Michaela (CHS)
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

All,

Given that the ALPR servers are secured and operated at the DCJIS data center in Chelsea, and that the application is managed by both DCJIS and MSP, I am suggesting the following changes highlighted in red. I am also copying in Commissioner Slater and Michaela Dunne from DCJIS for their thoughts and comments.

Please keep in mind that much of this language is coming from the BJA ALPR Policy Template, and our goal is to be in compliance so that HSGP funds continue to flow uninterrupted.

Respectfully,

Lieutenant Colonel Dermot J. Quinn #1765
Division Commander
Division of Homeland Security & Preparedness
Massachusetts State Police

Security The following shall apply to ALPR system and information security:

- The Department of Criminal Justice Information Services of the Executive Office of Public Safety and Security, will operate ALPR servers in a secure facility protected from external intrusion and will utilize secure internal and external safeguards against network intrusions. Any access to DCJIS ALPR information from outside the facility will be allowed only over secure networks;

- The Department and DCJIS will store ALPR information in a manner that ensures that it cannot be added to, modified, accessed, or purged except by personnel authorized to take such actions;

- Access to Department ALPR information will be granted only to personnel whose positions and job duties require such access and who have successfully completed a background check and training;

- Usernames and passwords to ALPR information are not transferrable, must not be shared by Department personnel, and must be kept confidential;

- Queries made to the Department's ALPR information will be logged into the system identifying the user initiating the query. All user access, including participating agency access, and queries are subject to review and audit; and

- The Department and DCJIS will maintain an audit trail of accessed, requested, or disseminated Department-held ALPR information. An audit trail will be kept for a minimum of one-year of requests for access to ALPR information for specific purposes and of what ALPR information is disseminated to each individual in response to the request.

From: England, Kara (POL) <kara.england@pol.state.ma.us>
Sent: Thursday, September 26, 2019 11:01 AM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Range, Scott (POL) <scott.range@pol.state.ma.us>
Cc: Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>; Tapis, Stephen C (POL)

<Stephen.C.Tapis@pol.state.ma.us>; Pinkes, William (POL) <william.pinkes@pol.state.ma.us>; Halpin, Michael (POL) <michael.halpin@pol.state.ma.us>; Farrell, Sean (POL) <sean.farrell@pol.state.ma.us>
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Morning,

As you are probably aware, the Department is in the process of ensuring that our policies meet Accreditation standards. Please find attached a pdf of Accreditation standards relative to LPR (along with the attached word doc of the revised TRF-11 DRAFT that has been circulating.)

As part of the Fusion Center's revisions to ensure policy compliance with BJA LPR Policy Template (as reflected in attached revised DRAFT), before finalizing the draft for promulgation, the Department would like you to take this opportunity to incorporate the language the Fusion Center deems appropriate for the MSP to be in compliance with Accreditation standards as well.

Respectfully,
KME

From: England, Kara (POL)
Sent: Wednesday, September 18, 2019 10:05 AM
To: Quinn, Dermot (POL); Halpin, Michael (POL); Farrell, Sean (POL)
Cc: Mason, Christopher (POL); Range, Scott (POL); Tapis, Stephen C (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Morning,

Please see the attached draft. It incorporates some very minor changes (which have been tracked and can be accepted or not.)

There is one change that I did not want to make without consultation –

- On page 6, "Security" section, first bullet: should the first sentence read "The Department will operate *the ALPR system* in a secure facility protected from external intrusion and will utilize secure internal and external safeguards against network intrusions."?

Also, as you may have discovered, the formatting of these word documents can be very quirky, so when all revisions have been finalized and the document is ready for promulgation, Trooper Tapis and I will do the final formatting.

Respectfully,
KME

From: Quinn, Dermot (POL)
Sent: Tuesday, September 17, 2019 6:50 PM
To: Halpin, Michael (POL); Farrell, Sean (POL); England, Kara (POL); Tapis, Stephen C (POL)
Cc: Mason, Christopher (POL); Range, Scott (POL)
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Evening All,

The Fusion Center needs to be in compliance with three new requirements from DHS to continue to be eligible for HSGF. The first is an MOU between the CFC and DHS. Major Range and his team have already submitted our proposal to DHS for comments. Second, a facial recognition SOP is required and a draft of that document has been submitted to Legal Section for comment. Lastly, an LPR policy that incorporates elements from the BJA LPR Policy Template is required. This email addresses that issue. Attached please find an edited version of the existing MSP ALPR Policy (TRF-11). The edits that have been prepared by Major Range and his team incorporate the required elements from the BJA template required by DHS (See attached BJA LPR Policy Template). We are very open to editing, including grammar and style, and obviously any guidance on legal issues that our edits may present.

Please keep in mind that these are requirements are from DHS, and placed on the CFC in order to continue to receive Homeland Security Grant Funding. HSGF provides the MSP the financial resources to keep the CFC operating. We appreciate your attention to this matter as we need to have this in place by the end of the month.

Respectfully,

Lieutenant Colonel Dermot J. Quinn #1765
Division Commander
Division of Homeland Security & Preparedness
Massachusetts State Police

From: Range, Scott (POL) <scott.range@pol.state.ma.us>
Sent: Tuesday, September 17, 2019 6:23 PM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
Subject: Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Sent from my iPhone

Begin forwarded message:

> **From:** "Range, Scott (POL)" <scott.range@pol.state.ma.us>

Date: September 9, 2019 at 6:23:30 PM EDT
To: "Dermot Quinn (dermot.quinn@massmail.state.ma.us)" <dermot.quinn@massmail.state.ma.us>
Cc: "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Warren, Rosemary (POL)" <Rosemary.Warren@pol.state.ma.us>
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Lt. Col. Quinn,

As requested, the changes that were discussed last Friday have been made to the attached updated DRAFT.

Respectfully,
Scott

From: Range, Scott (POL)
Sent: Friday, September 06, 2019 12:59 PM
To: Warren, Rosemary (POL)
Subject: Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Sent from my iPhone

Begin forwarded message:

> **From:** "Stelmat, Jason (POL)" <Jason.Stelmat@pol.state.ma.us>
> **Date:** September 5, 2019 at 1:40:17 PM EDT
> **To:** "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>, "Range, Scott (POL)" <scott.range@pol.state.ma.us>, "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Brooks, Brian (POL)" <brian.brooks@pol.state.ma.us>
> **Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements**
>
> Good afternoon,
> I apologize for the delay in distributing this. I was able to recreate the original TRF-11 in a much more workable format in Word. I've made some additions (highlighted in the attached document) which I believe brings us up to speed with respect to DHS grant requirements. I did not remove anything from the existing TRF-11, but ended up adding approximately 3 pages to the current policy. I did my best to exclude irrelevant or unnecessary portions of the BJA guidelines. Any additional thoughts or suggestions are welcome.

Thanks,
Jason

From: Brooks, Brian (POL)
Sent: Wednesday, September 04, 2019 5:58 PM
To: Range, Scott (POL); Stelmat, Jason (POL)
Cc: Quinn, Dermot (POL); Gawron, Stephen (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Please see attached

From: Range, Scott (POL) <scott.range@pol.state.ma.us>
Sent: Wednesday, September 4, 2019 5:57 PM
To: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>; Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>
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Thank again for your work on this. We appreciate it.

From: Linda Tartaglia
To: Quinn, Dermot (POL)
Subject: Regional Trafficking Summit - Registration Confirmation
Date: Monday, January 14, 2019 2:30:16 PM

Subject: Regional Trafficking Summit - Registration Confirmation

Regional Trafficking Summit Attendee:

This email is to confirm you are registered to attend the Regional Trafficking Summit on January 28 & 29th, 2019.

A block of guest rooms has been reserved for summit attendees at the **Hyatt Regency on the Hudson, 2 Exchange Place, Jersey City, N.J.** If you haven't done so **Please click here to secure a room as soon as possible.**

The 1st day of the program will be held at the Hyatt and will commence at 1:00 p.m. Registration will begin at 12:30 p.m. The program is scheduled to end at 5:30. p.m. A sponsored dinner will be held at Porto Legerro restaurant on 185 Hudson St, Jersey City (a short 4-minute walk from the hotel) from 6:00 p.m. to 9:00 p.m. that evening.

The 2nd day of the program will be held at New York Police Department. Attendees will depart the hotel at 7:30 a.m. and embark on NYPD marine vessels to transport across the Hudson River. Transportation will be provided to the meeting location. We anticipate the program ending at noon and transportation will be provided back to the hotel.

All questions should be posed to Rick Fuentes, who currently works with the Rutgers University Center on Policing and the NJUASI to advance statewide and regional information-sharing programs. He can be reached by email at rrixmail@comcast.net and by phone at (201)554-5514.

Thank you in advance for attending this important summit, and for your participation in this groundbreaking effort to collect, assess, and share ALPR data across the northeastern United States.

Regards,
Linda

Linda Tartaglia
Director
Center on Policing
Rutgers University
106 Somerset St. 7th floor

Room 754
New Brunswick, NJ 08901
848 932-9898 office
[redacted] cell
Linda.tartaglia@pi.rutgers.edu

From: Linda Tartaglia
To: Linda Tartaglia
Cc: rick fuentes; Thomas O"Reilly; James Sheehan
Subject: Regional Trafficking Summit Invite
Date: Friday, January 4, 2019 2:49:25 PM

Good Afternoon,

Recently, New York City Police Department (NYPD) Commissioner James P. O'Neill and New Jersey State Police (NJSP) Colonel Patrick Callahan invited you to attend a Regional Trafficking Summit in New Jersey and New York on January 28-29,2019. Former NJSP superintendent and colonel Rick Fuentes followed up with an email which may have gone to your spam file. Please check your spam file for previous information.

This conference – hosted jointly by the NJSP, NYPD and the Northern New Jersey Urban Area Security Initiative (NJUASI) – will be facilitated by the Rutgers University Center on Policing. It will gather 12 state police superintendents, 12 major city chiefs and representatives of numerous federal agencies with responsibilities along the Interstate 95 corridor between Richmond, Virginia and Boston, Massachusetts, to discuss the feasibility and productivity of linking and sharing automated license plate reader data.
Establishing a linkage across the northeast region of the United States will immeasurably increase our effectiveness in addressing issues of counterterrorism, drug trafficking, human and weapons trafficking, Amber and Silver Alerts and other threats to our public safety.

Please register by Monday, January 7th . Please click here to register and RSVP to Rutgers Center on Policing by January 7th, 2019.

During the morning of Monday, January 28, 2019, attendees will arrive at the Hyatt Regency on the Hudson, 2 Exchange Place, Jersey City, N.J. A block of rooms has been reserved for the summit Please click here to make your room reservations. This should also be done by January 7th, 2019.

All questions should be posed to Rick Fuentes, who currently works with the Rutgers University Center on Policing and the NJUASI to advance statewide and regional information-sharing programs. He can be reached by email at rrixmail@comcast.net and by phone at (201)554-5514.

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Linda Tartaglia
Director
Center on Policing
Rutgers Unitversity
106 Somerset St
7th floor
New Brunswick, NJ 08901
O 848 932 9898
C 609 203 0770
Linda.tartaglia@cop.rutgers.edu

From: Mason, Christopher (POL)
To: Tapis, Stephen C (POL); England, Kara (POL)
Subject: Review with track changes_TRF-11 Automatic License Plate Recognition Rev.._ with Dep changes
Date: Wednesday, October 2, 2019 9:27:02 AM
Attachments: Review with track changes_TRF-11 Automatic License Plate Recognition Rev.. _ with Dep changes.doc

From: Mason, Christopher (POL)
To: England, Kara (POL)
Subject: Review with track changes_TRF-11 Automatic License Plate Recognition Rev.._ with Dep changes
Date: Wednesday, October 2, 2019 9:27:03 AM
Attachments: Review with track changes_TRF-11 Automatic License Plate Recognition Rev..__with Dep changes.doc

From: PoliceOne Weekend
To: McCarthy, Steven (POL)
Subject: REWIND: Video shows cops kill gunman, denial of service & other top stories
Date: Sunday, August 11, 2019 8:04:17 AM

August 11, 2019 | View as webpage

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By Greg Friese

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From: Charlton, Kenneth L. (DOT)
To: Egnitz, Brian (POL)
Subject: Sagamore and Bourne bridges - LPRs
Date: Monday, July 15, 2019 1:02:59 PM

FYI

New Bedford suspect's case before Supreme Judicial Court

By Wheeler Cowperthwaite

Cape Cod Times 7/15/19

BOSTON — The Supreme Judicial Court is asking attorneys and organizations to weigh in on the constitutionality of the use of the automatic license plate reading cameras on the Sagamore and Bourne bridges.

Jason McCarthy, through his attorney Paul Bogosian, filed an appeal April 10 of Barnstable Superior Court Judge Robert Rufo's order that police use of data collected from the stationary cameras was legal because the cameras only track movements on and off the Cape, and not movements across the state.

McCarthy, 38, of New Bedford, is charged with distribution of a class B substance. Data from the cameras was used in support of the charge.

In his order, Rufo wrote that the bridge cameras presented a "novel" issue that has not been addressed before in Massachusetts. Because the cameras were not used in conjunction with anything else, there was no "looming specter" of constant surveillance, Rufo ruled.

Bogosian also argued that the license plate readers, and the subsequent database they created, were regulated by one of two federal laws, the Electronic Communications Privacy Act and the Stored Communications Act. Rufo rejected those arguments, finding that the definitionsused did not extend to law enforcement activities.

On May 23, Justice Scott Kafker ordered the case sent to the full Supreme Judicial Court. The court announced June 14 it is seeking amicus briefs on a specific question of "whether either a search warrant or a court order is required before obtaining automatic license plate recognition (ALPR) data collected from fixed points for a particular vehicle," according to the docket.

The docket entry also references the two federal laws.

Massachusetts Bar Association Chief Legal Counsel Martin Healy said it is a "question of first impression"

for the high court because it has never ruled on a similar issue.

The call for amicus briefs has generated interest from the American Civil Liberties Union, the Electronic Frontier Foundation and the Committee for Public Counsel Services, Healy said.

The foundation did not return a request for comment. The person writing a brief for the ACLU on the matter was unavailable for comment.

Healy, who sits on the board for the committee, said the committee has not made a decision to file a brief or not.

Although the facts in the case are limited to cameras on the two bridges on Cape Cod, the Supreme Judicial Court could issue an opinion about the more broad and general use of license plate readers.

"It's being used by a host of cities and towns throughout the commonwealth and roughly half of the cities and towns received grants and federal money to implement these types of tools," Healy said.

Plate readers are being used both by law enforcement and by private companies. It is also possible that the Supreme Judicial Court asks the Legislature to regulate the technology, he said.

"They may speak in broad terms and recognize the privacy interests by motorists and lean on the Legislature, as policymakers, to develop some protocols," Healy said.

Bogosian argued the license plate reader data should be treated like cell site location information, a position Rufo rejected. After a 2018 Supreme Court decision, police need a search warrant to access more than two weeks' worth of that location data.

"The court, by taking this up, is indicating to the public and legal community that this is a question of importance and I do not believe they will limit their decision to the facts of this case," Healy said.

Defense attorney Drew Segadelli said the Supreme Judicial Court taking the case "speaks volumes about them taking it seriously and they will do a full scholarly effort."

Cape and Islands District Attorney Michael O'Keefe said he is "very confident" that his office will prevail on the issue of fixed-position cameras. He said the cameras are not tracking a driver's every movement, just when a car enters or leaves the Cape.

While O'Keefe said it is possible that the Supreme Judicial Court will issue an opinion outside of the issue of fixed cameras, it traditionally issues opinions based on the specific "fact patterns" of a case.

Assistant District Attorney Elizabeth Sweeney wrote in her opposition to the appeal that the technology may be new, but the issues presented are not. She noted that in 2014, the Supreme Judicial Court ruled that there is no expectation of privacy for the outside of a car and that law enforcement can use technology to conduct surveillance that would otherwise be done in person.

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To: Griffin, Daniel (POL)
Subject: San Francisco's MTC launches Bay Area congestion-relief initiative
Date: Friday, May 10, 2019 7:02:34 AM

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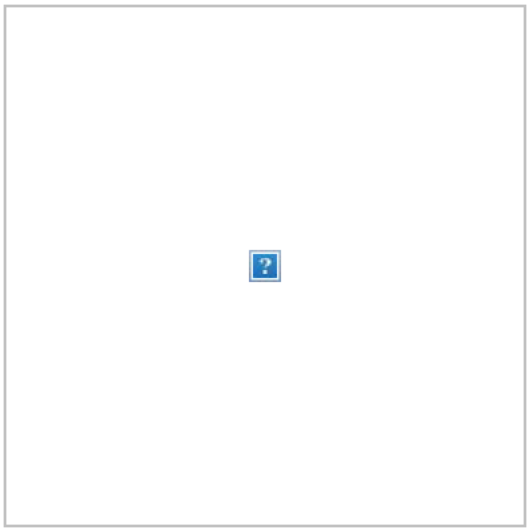


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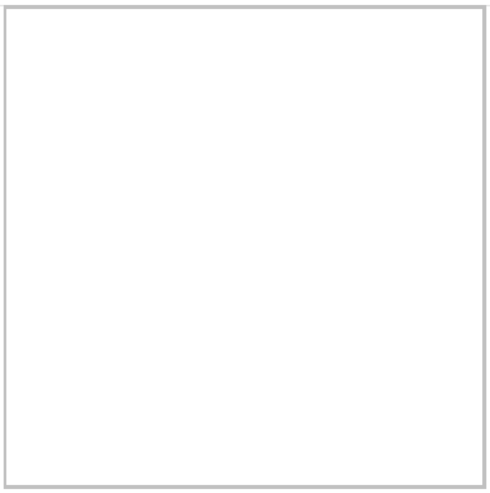


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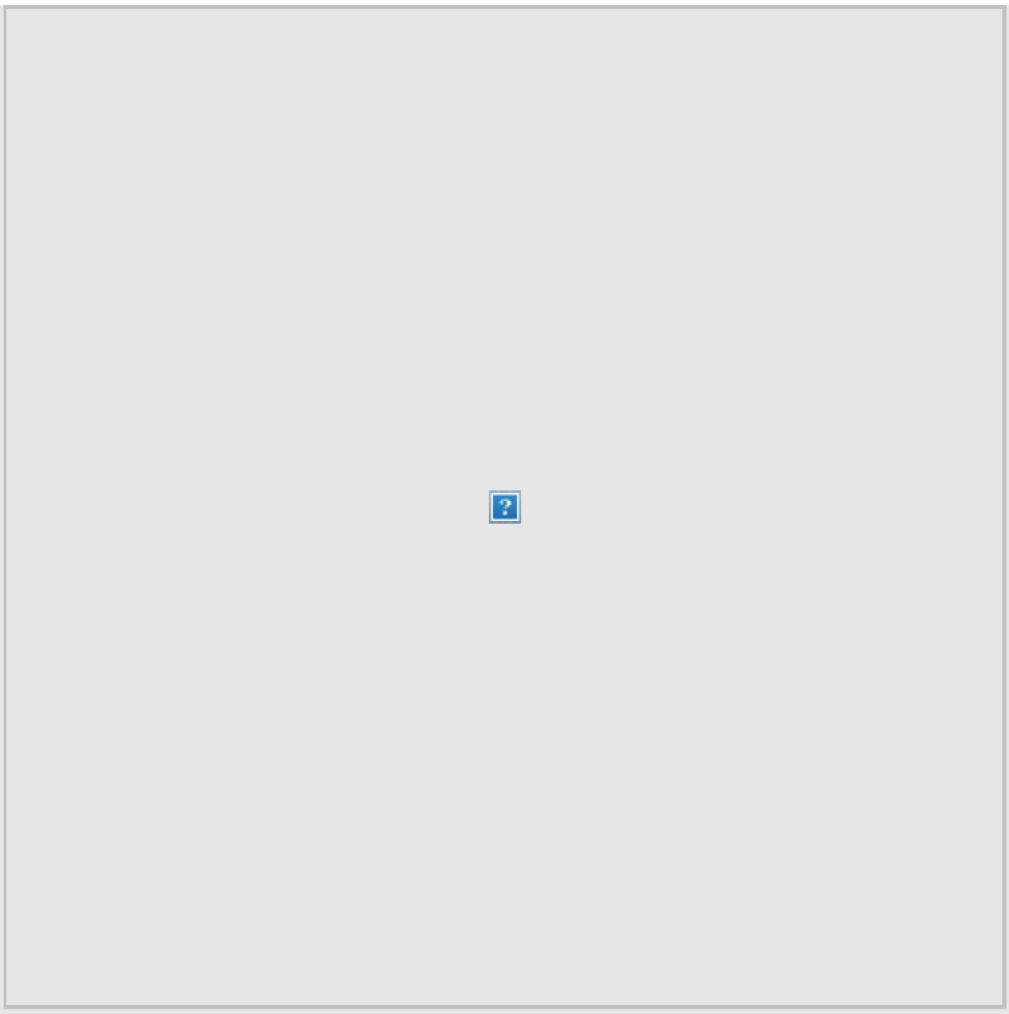
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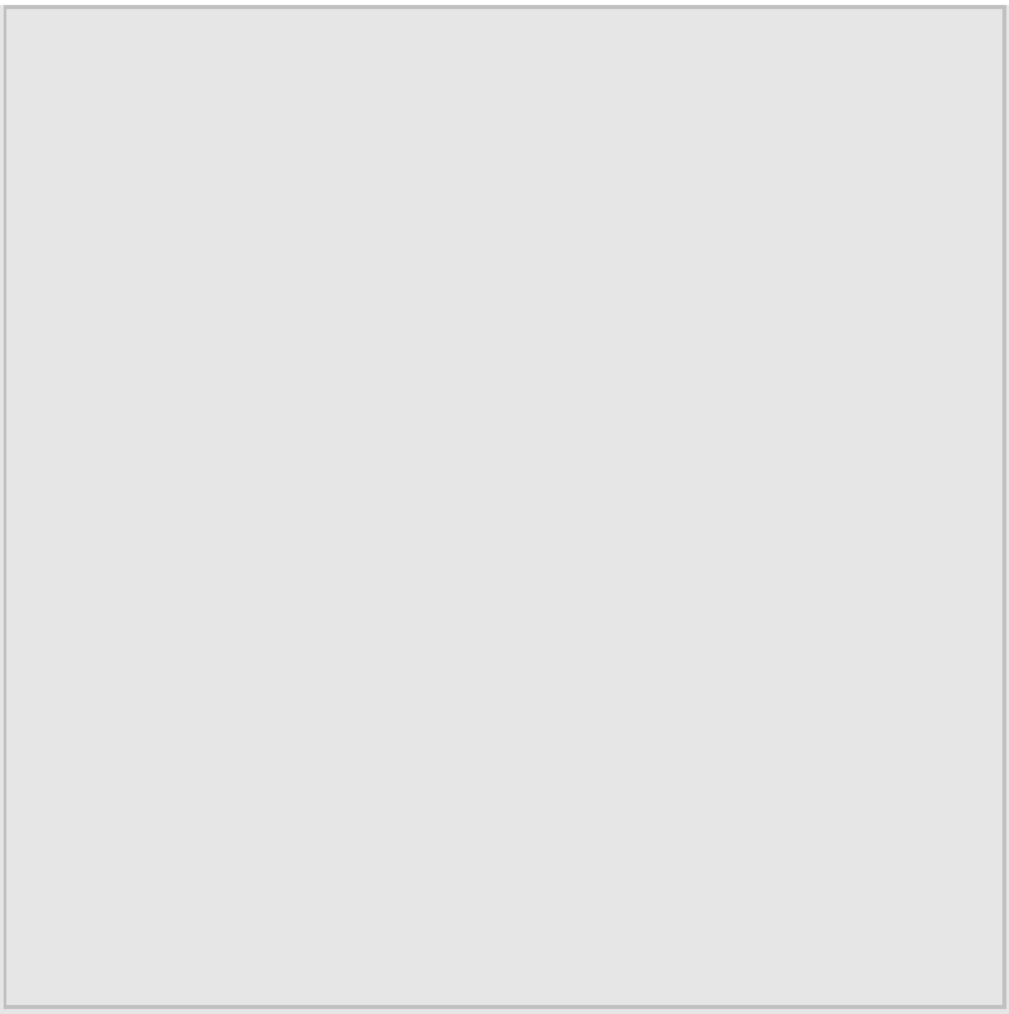
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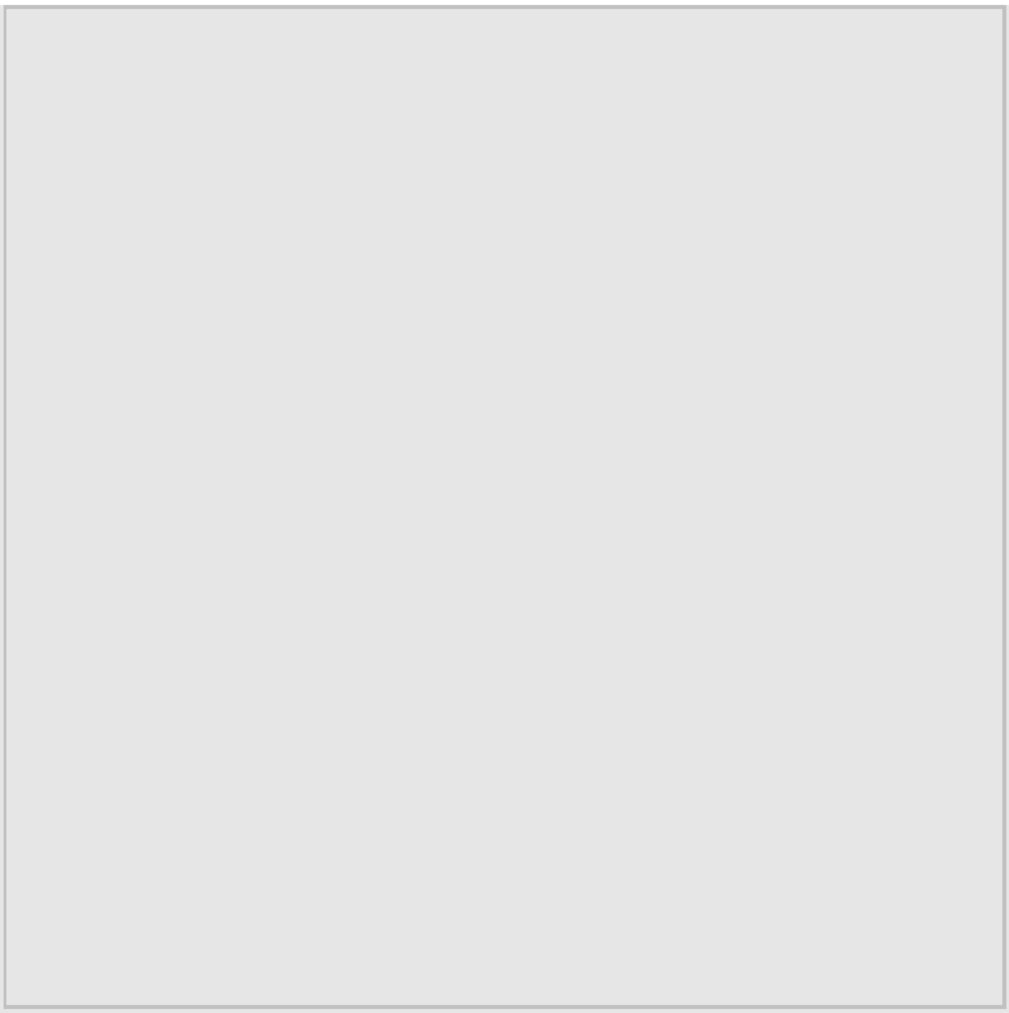
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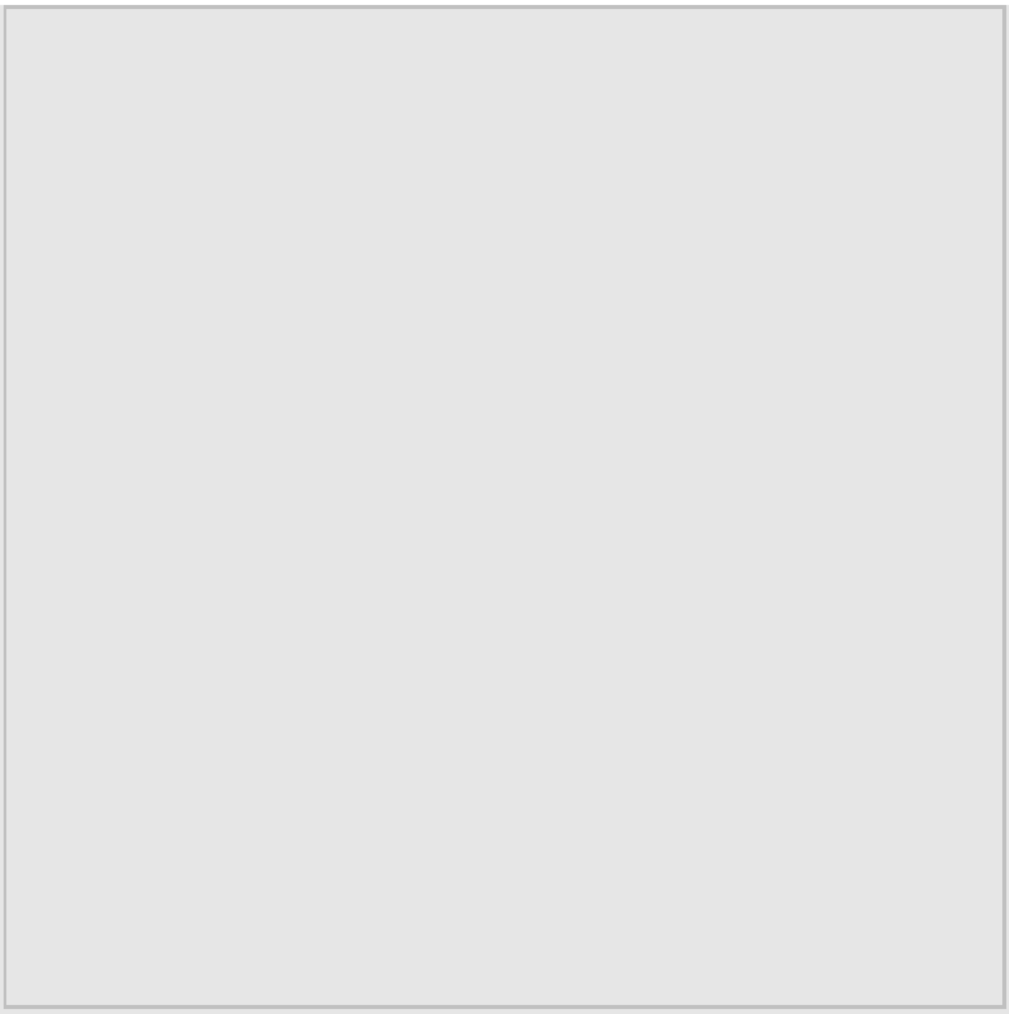
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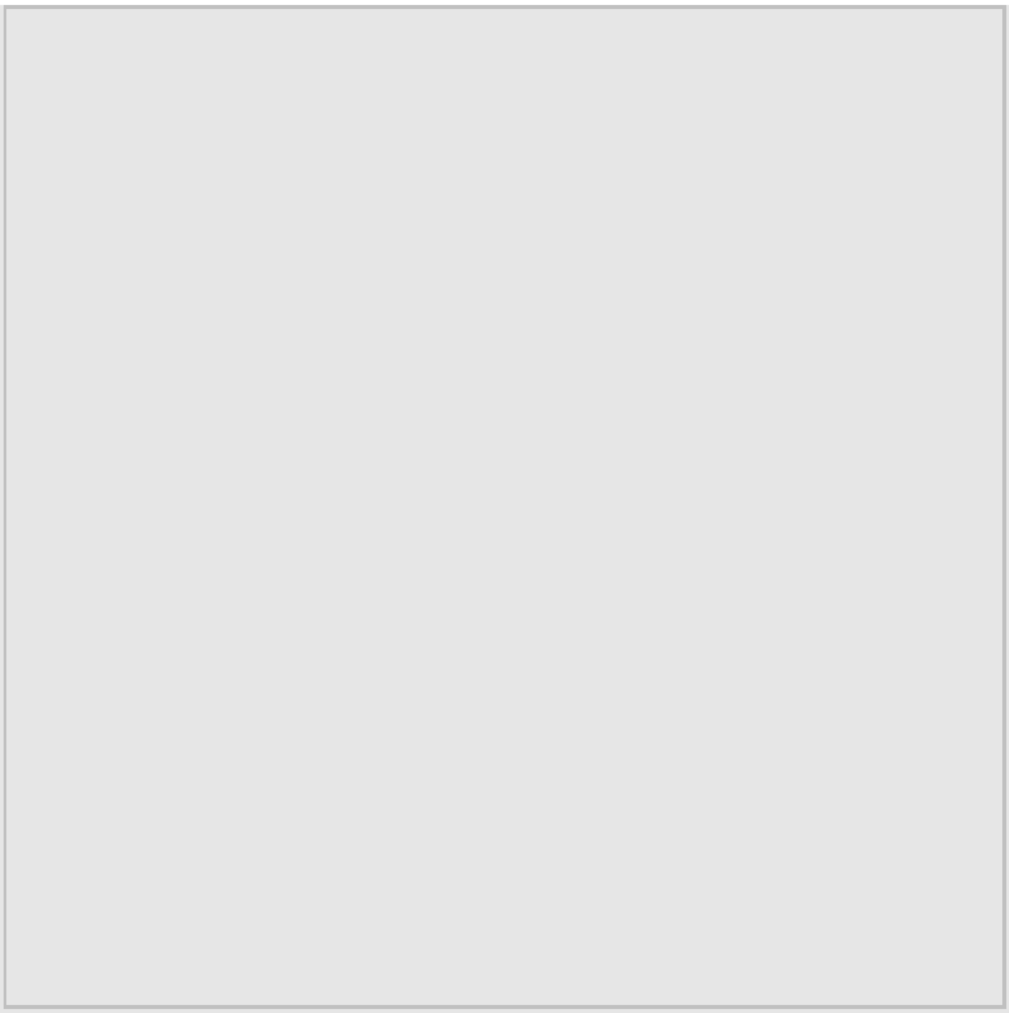
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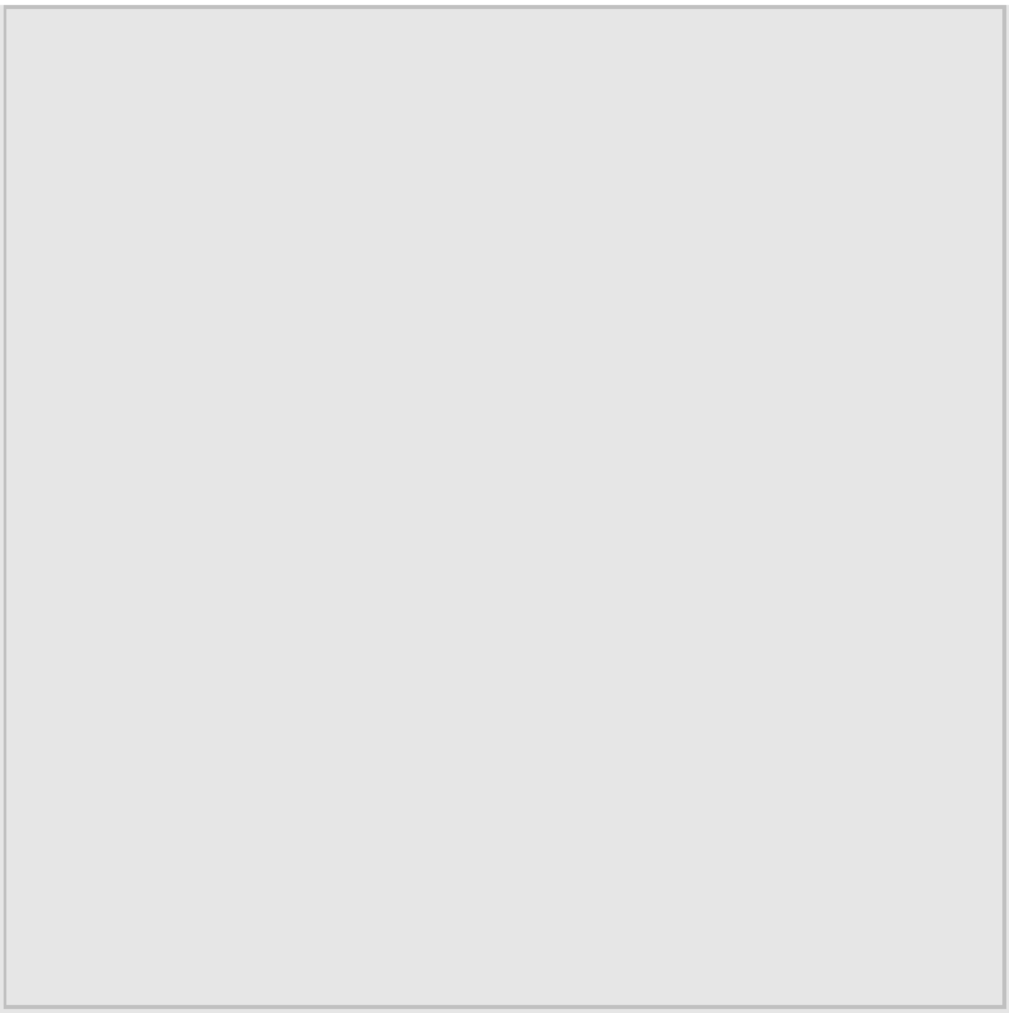












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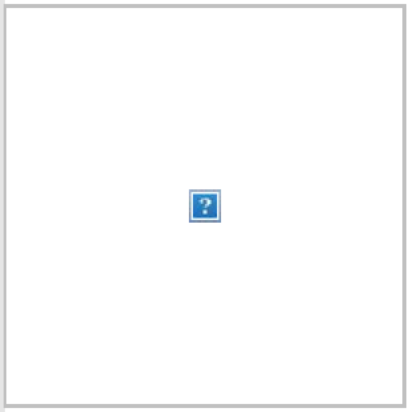
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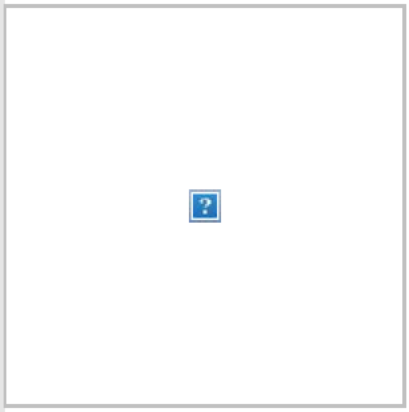




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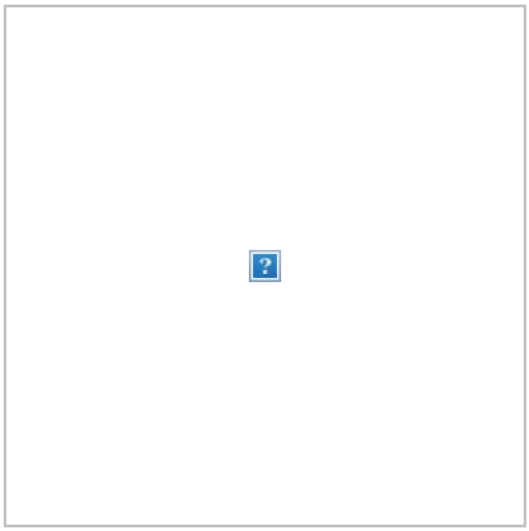


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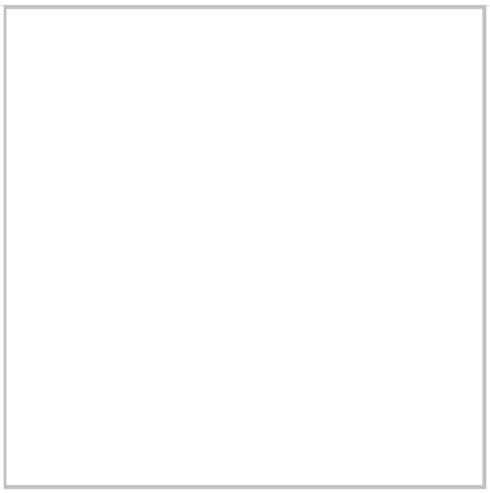


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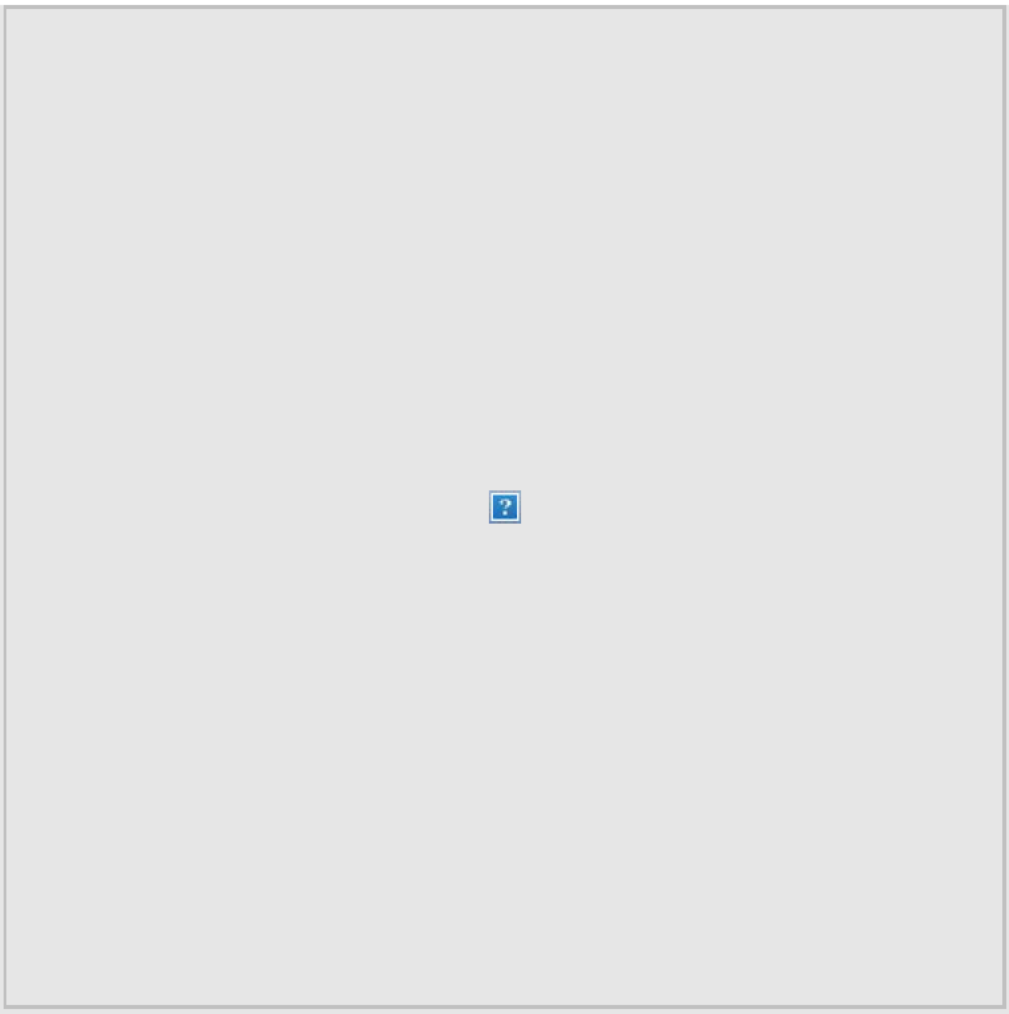
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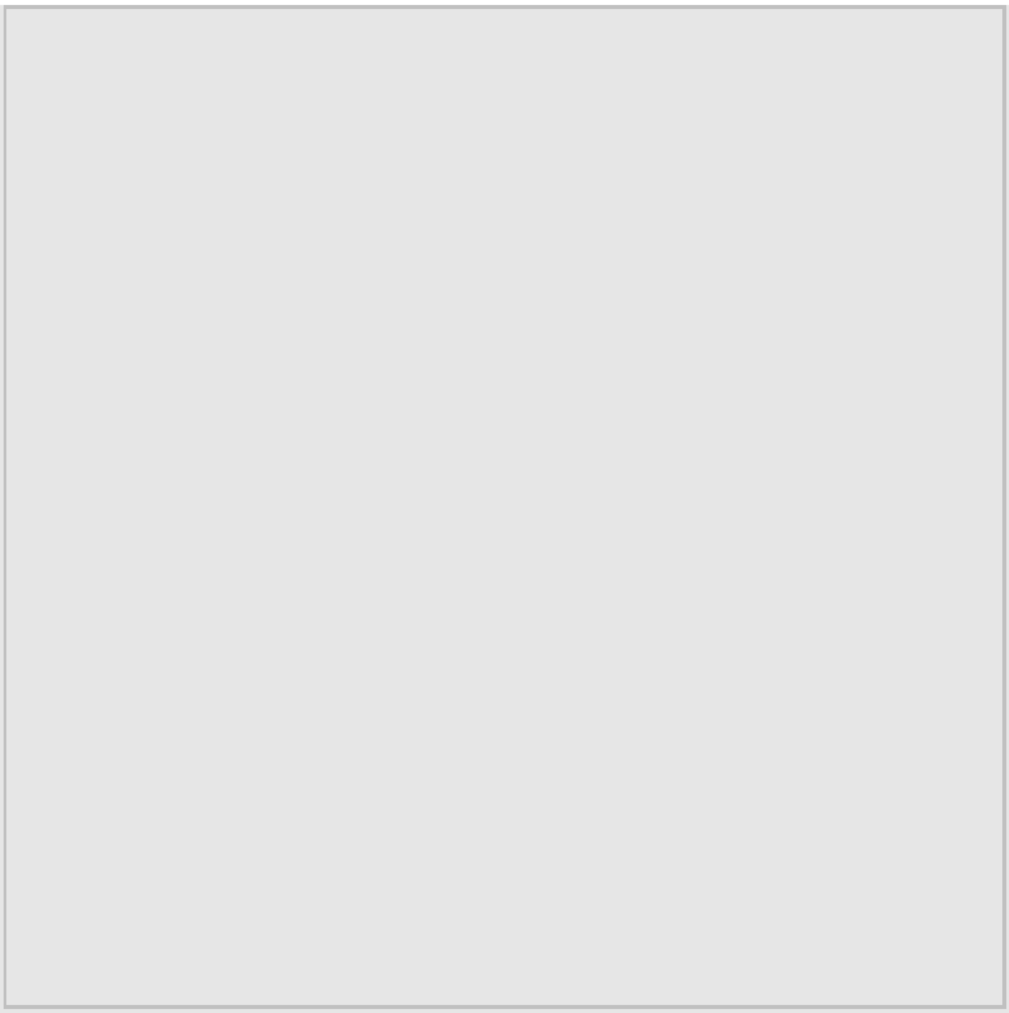
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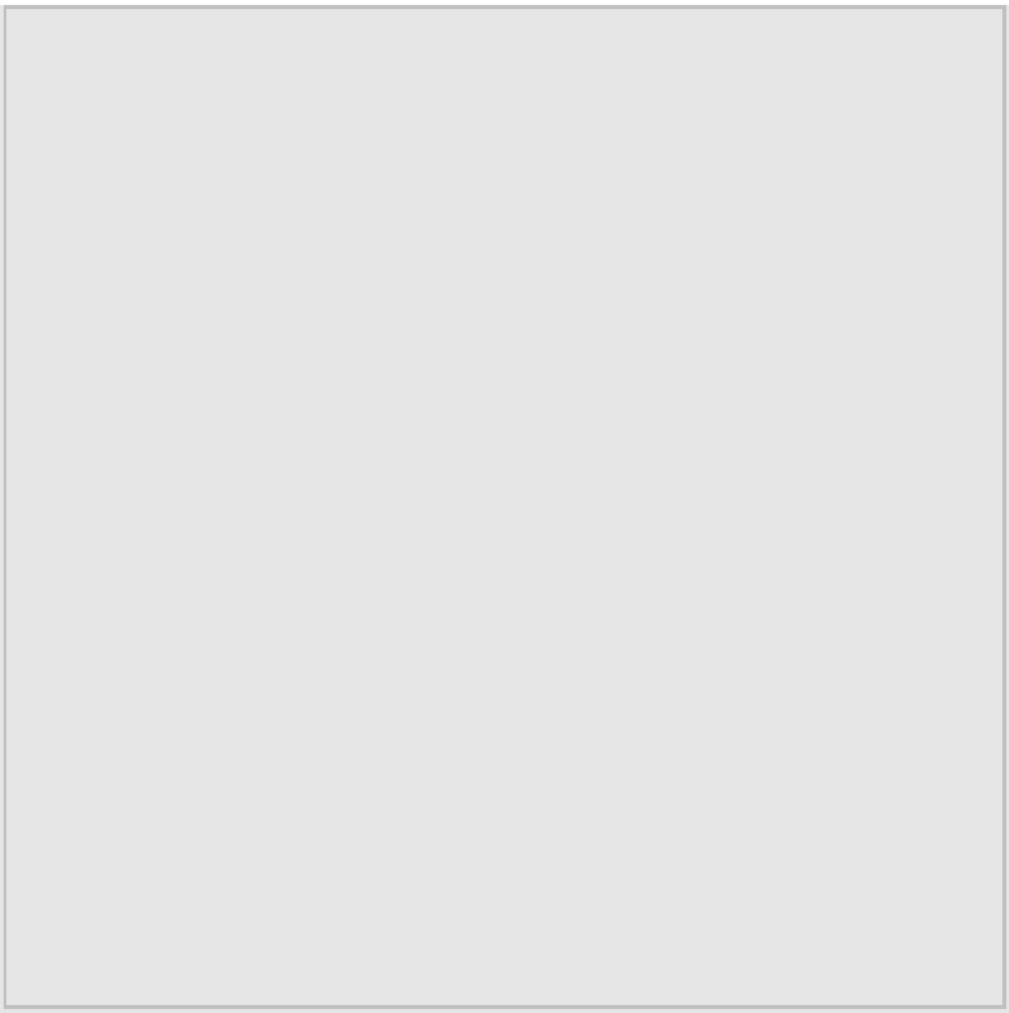
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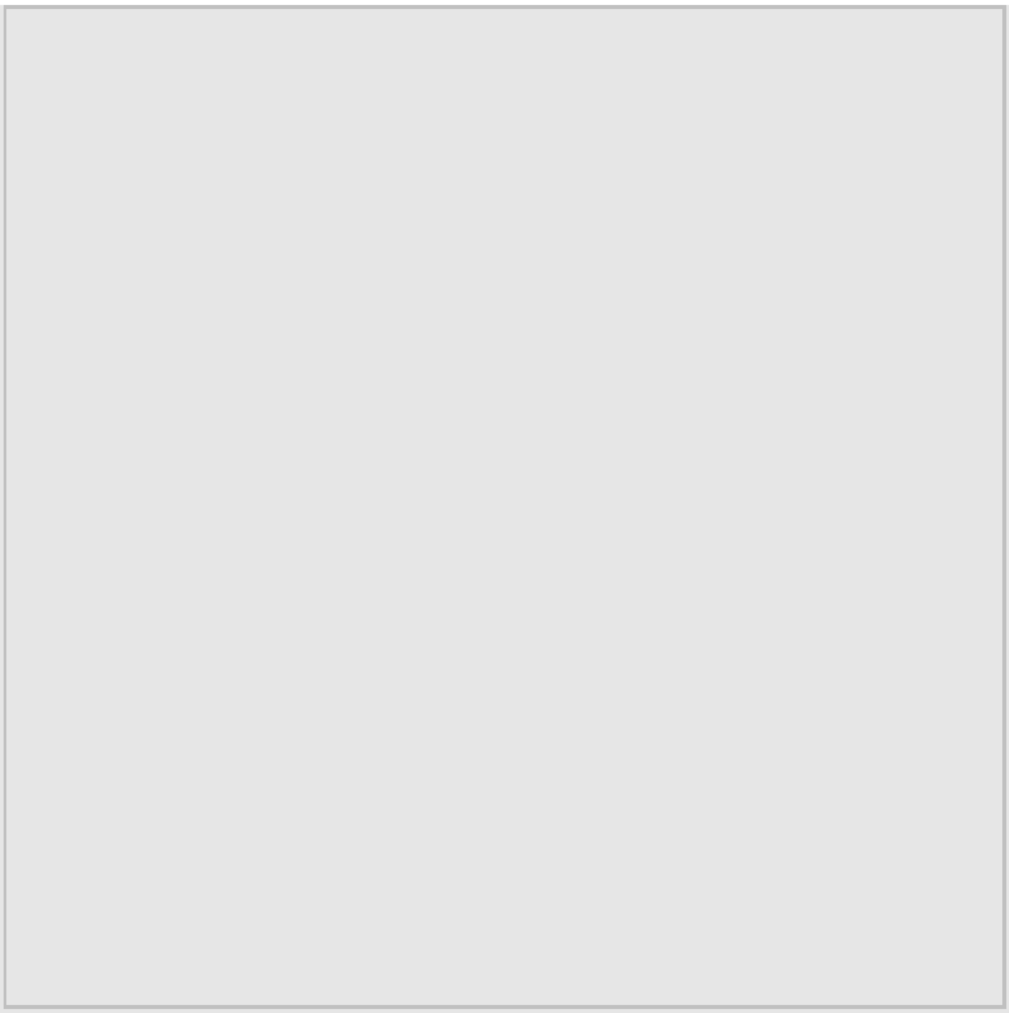
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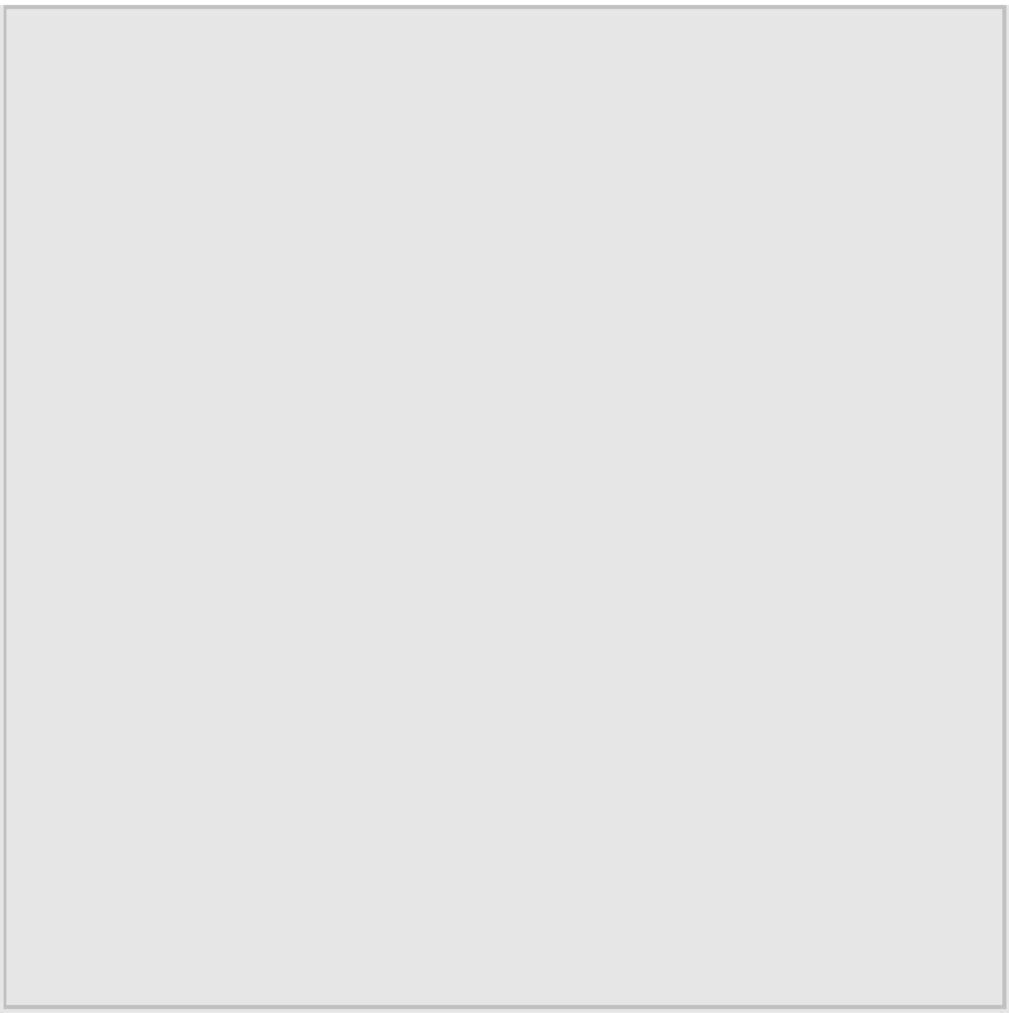
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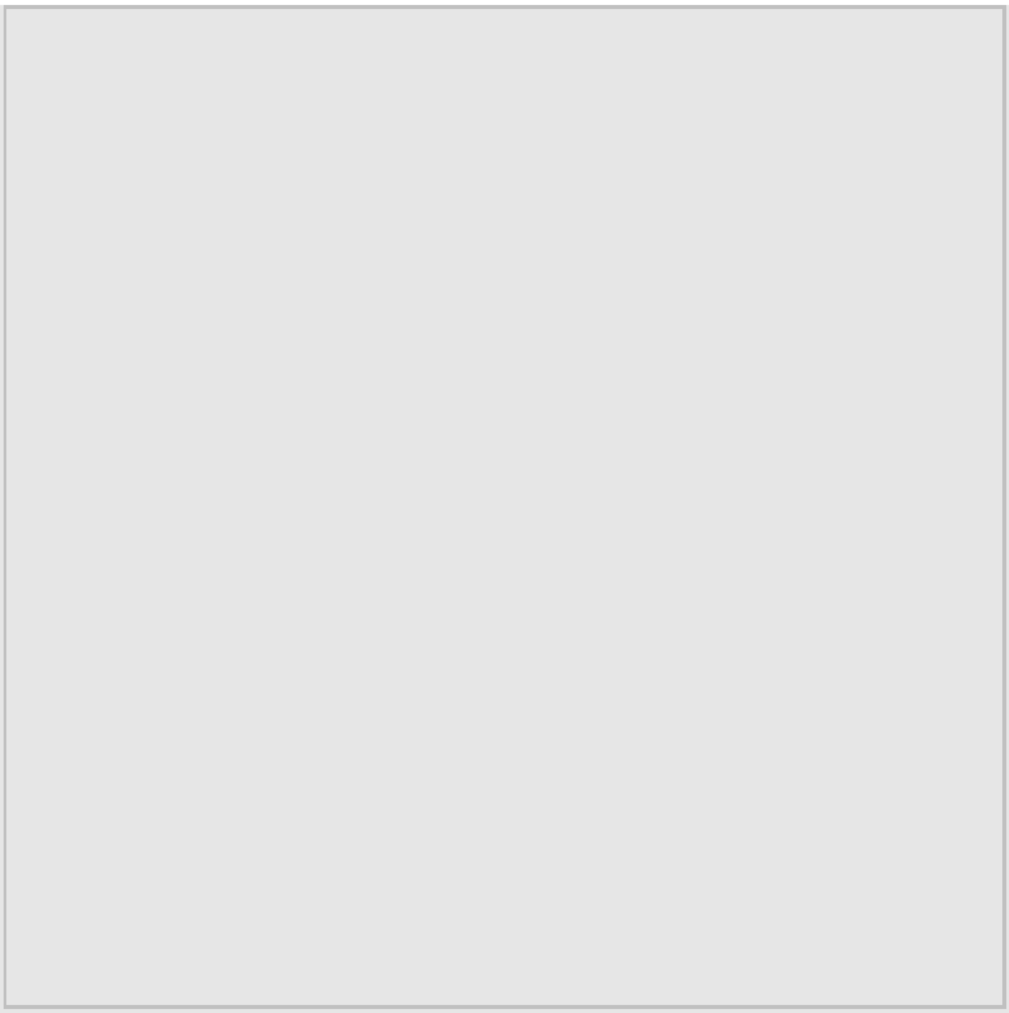












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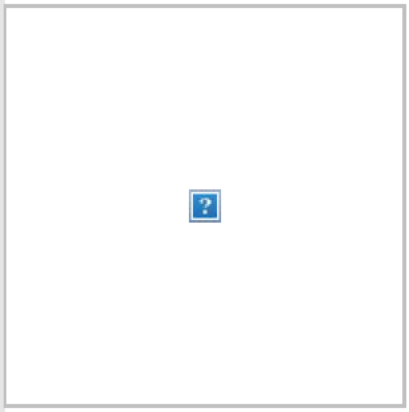
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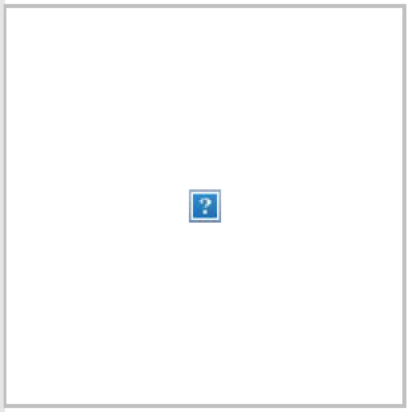




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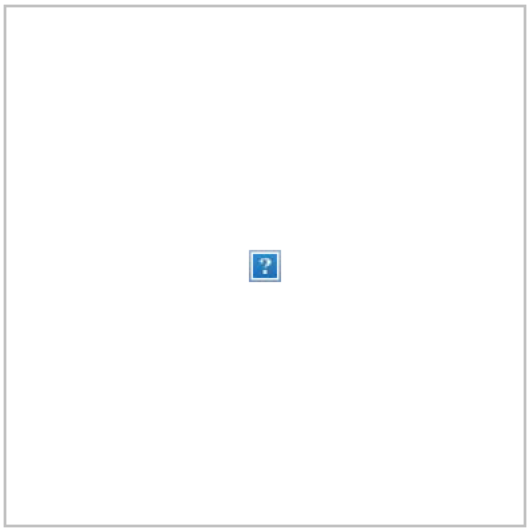


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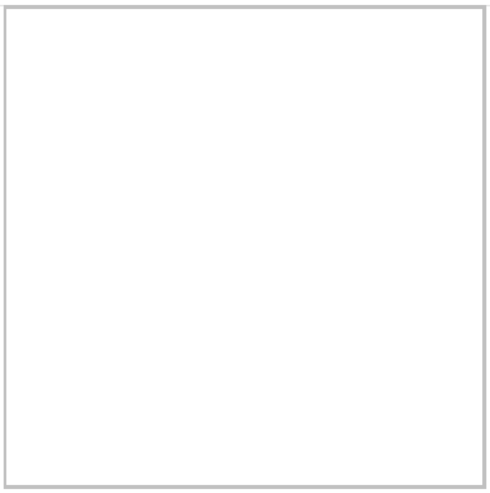


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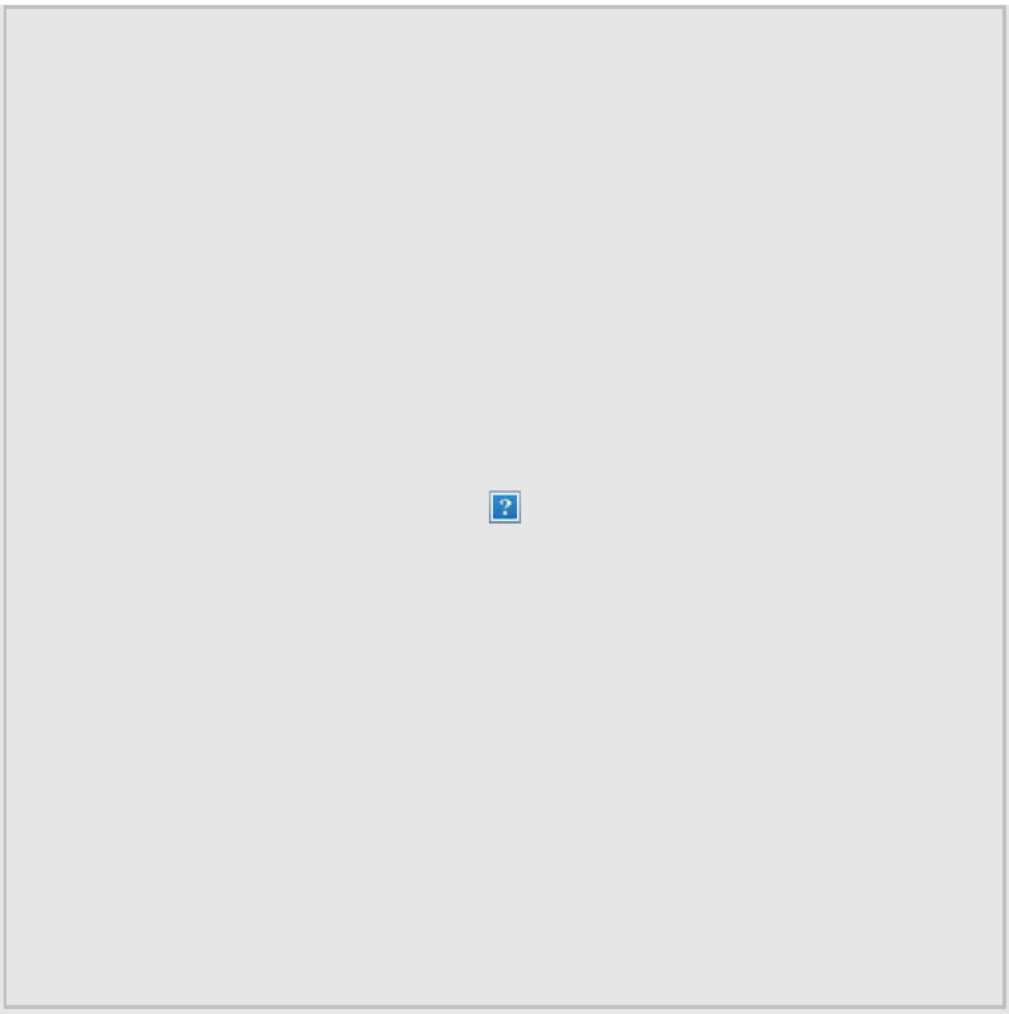
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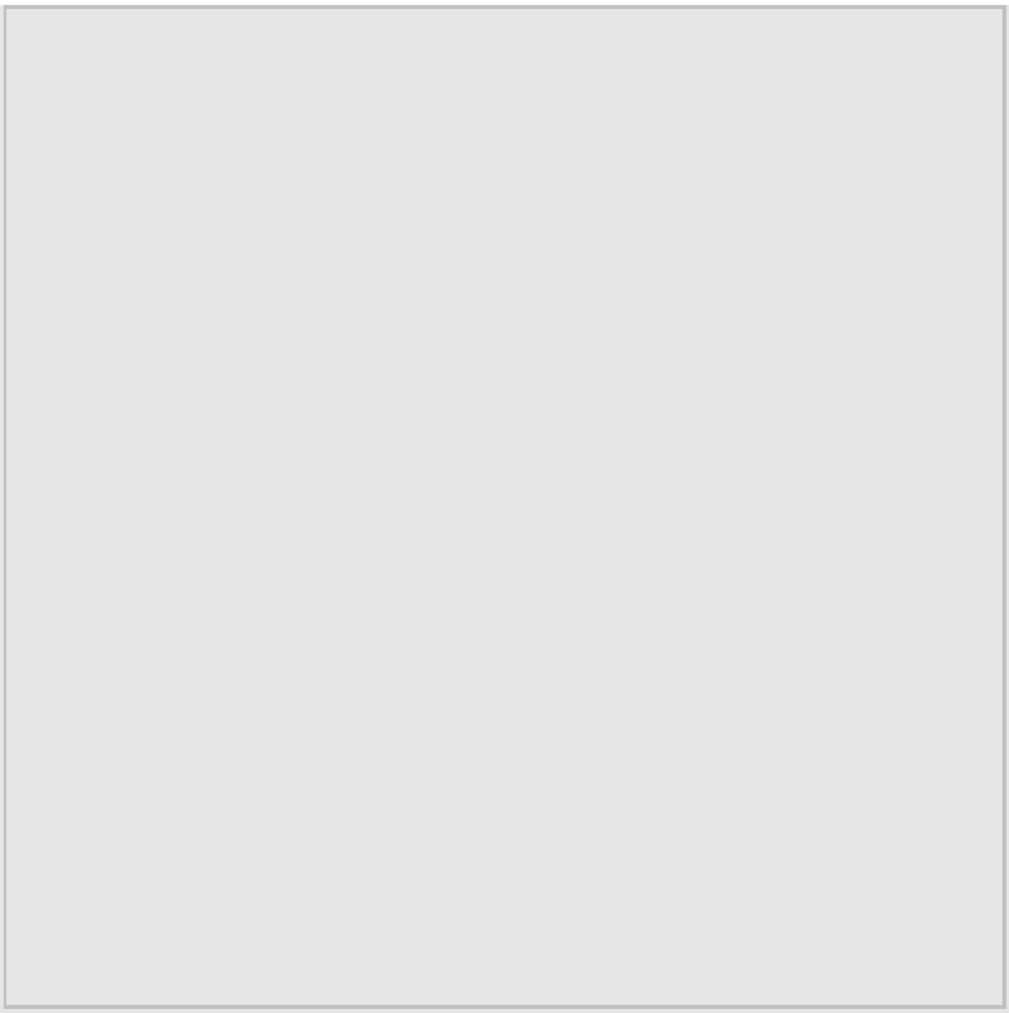
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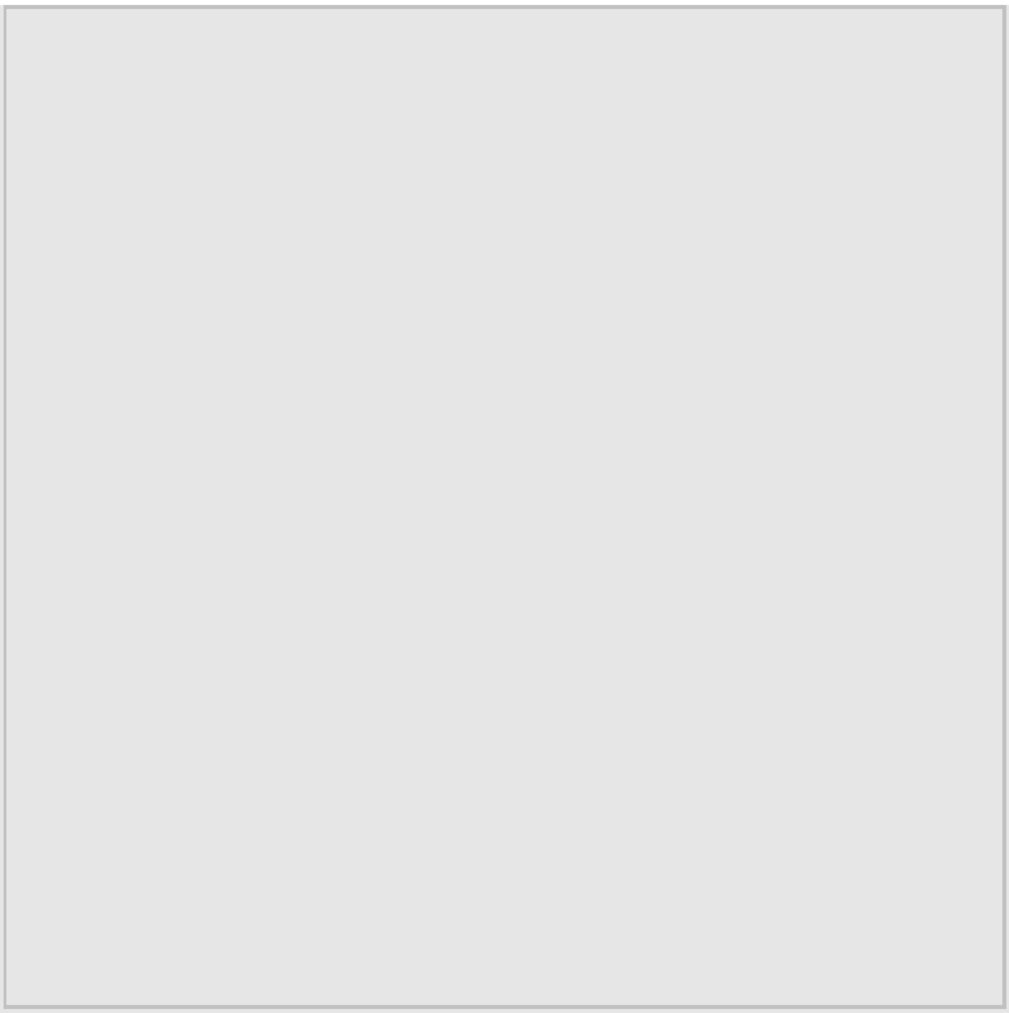
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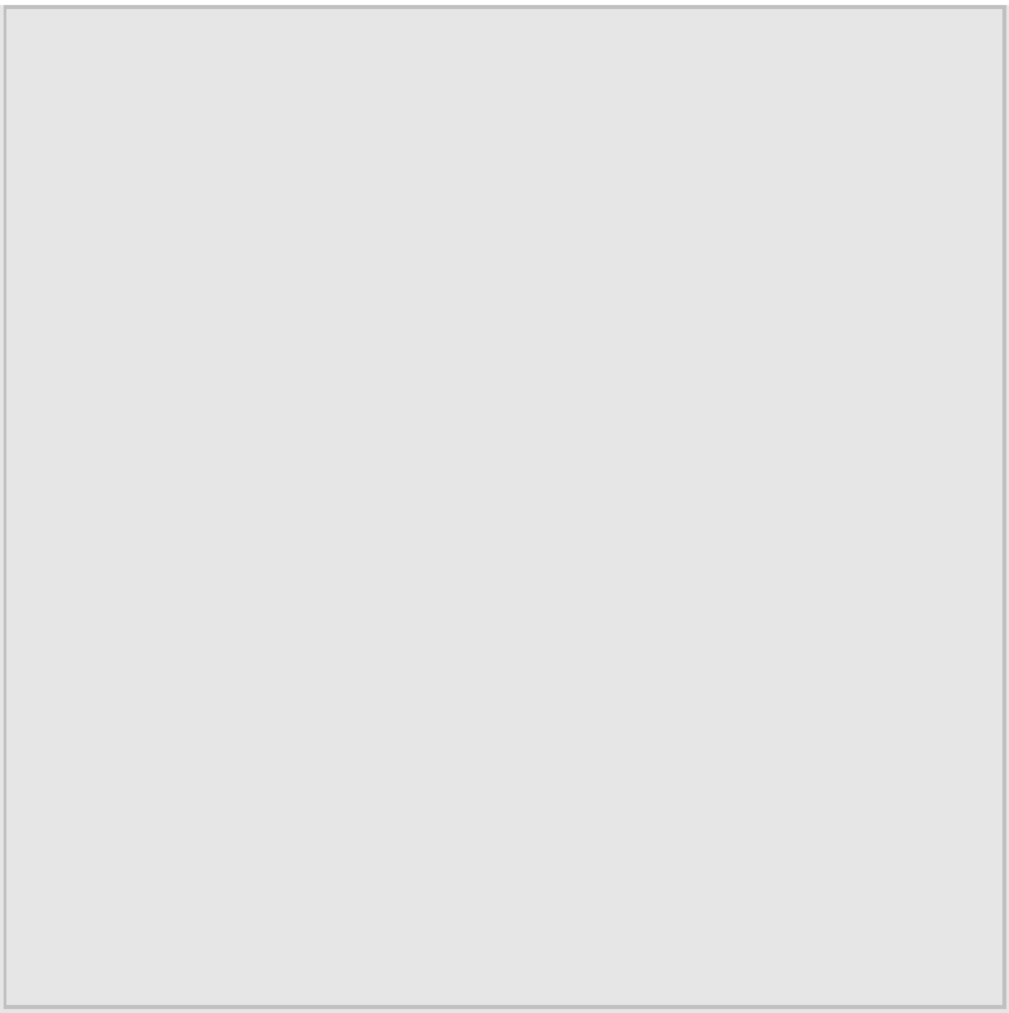
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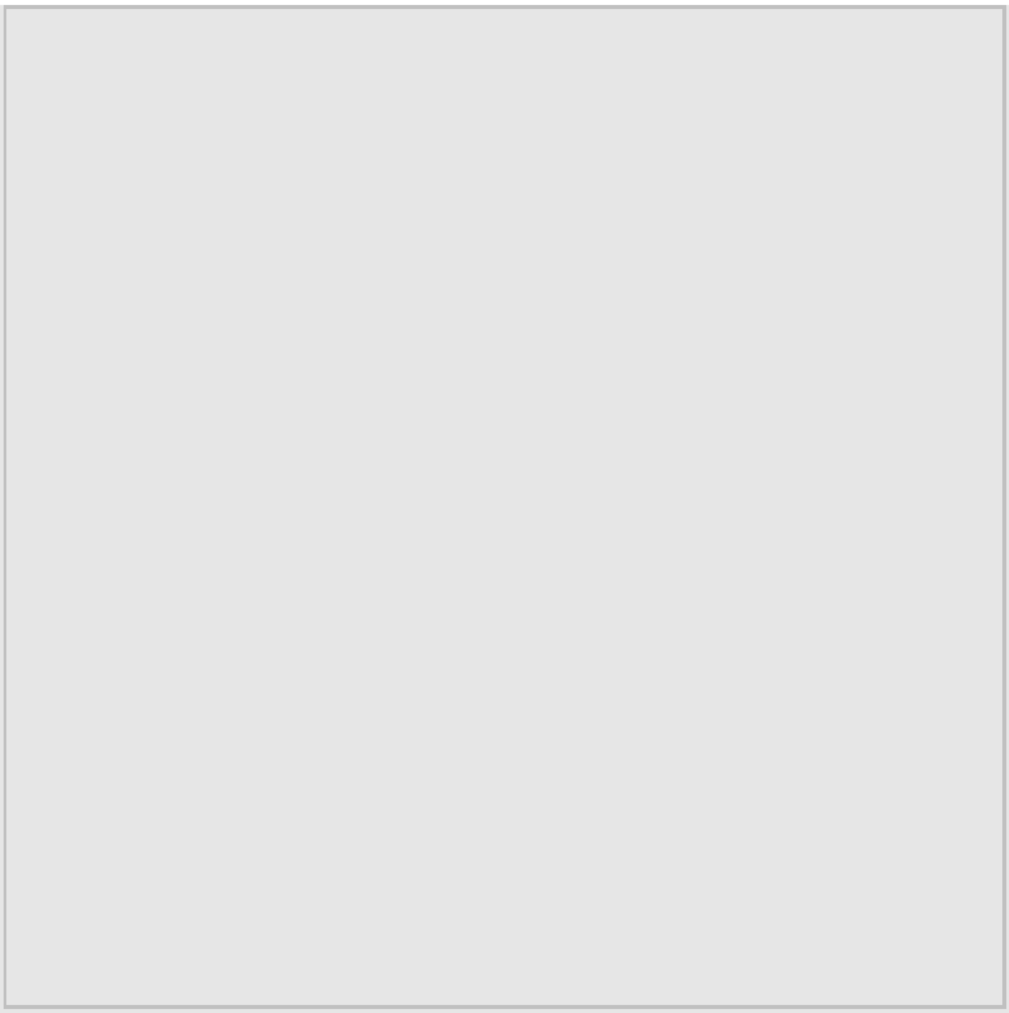
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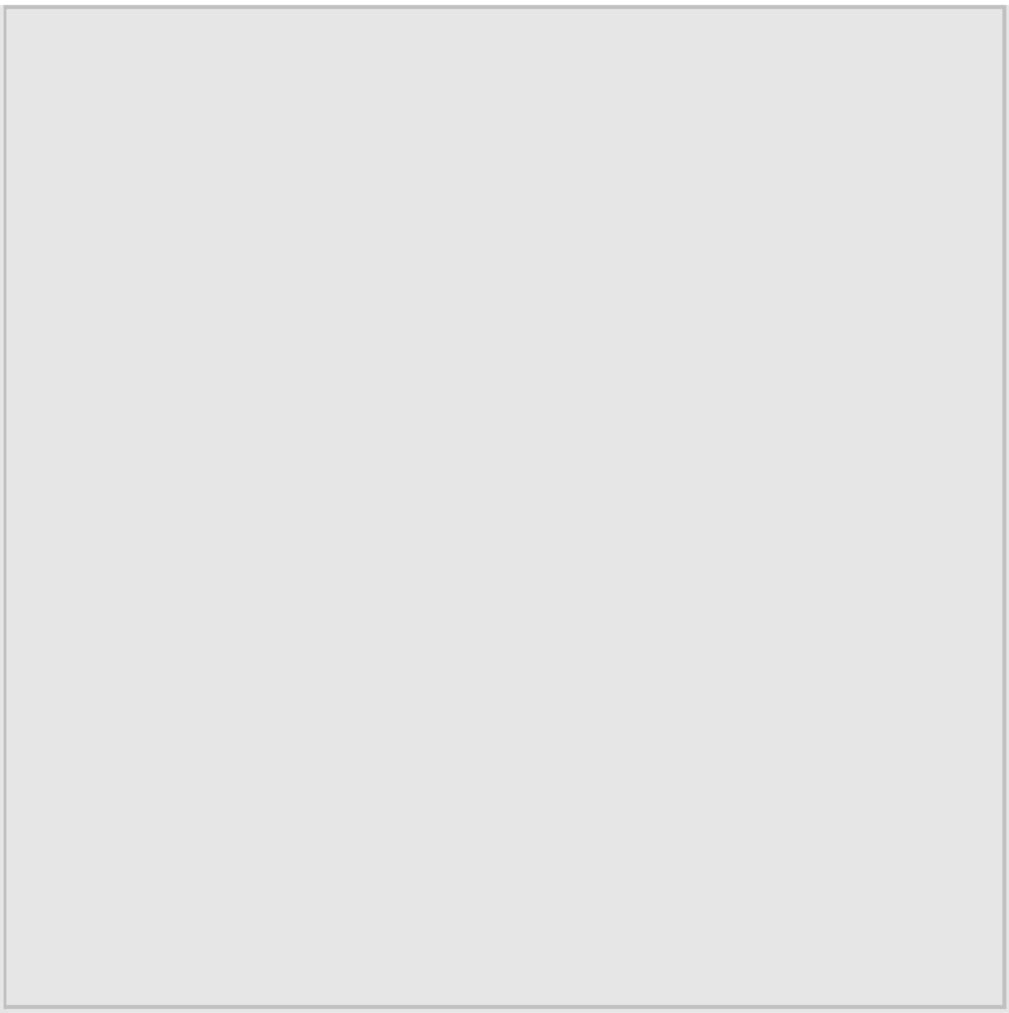












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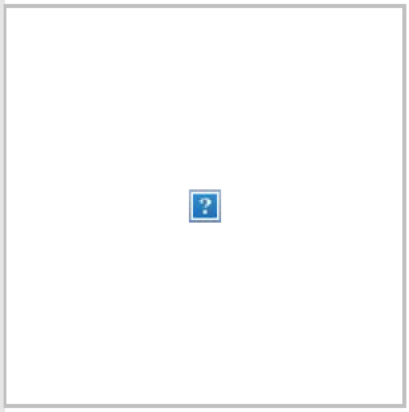
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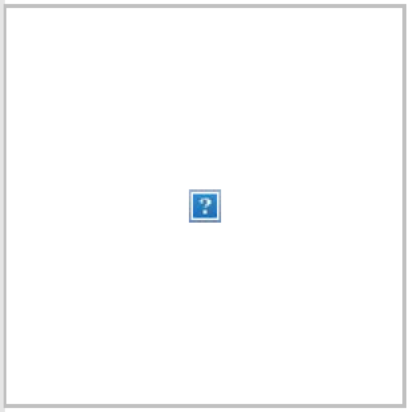




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To: Crouse, David (POL)
Subject: Security Frontline: Why VDI tech is important for SOC deployments, ACLU sues feds for facial recognition info, more
Date: Tuesday, November 5, 2019 4:47:02 PM

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Real words or buzzwords?: VDI – Virtual Desktop Infrastructure

By Ray Bernard, PSP, CHS-III

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Video: Using digital transformation to change the perception of security

Former Microsoft CSO Mike Howard chats with SIW at the Converged Security Summit

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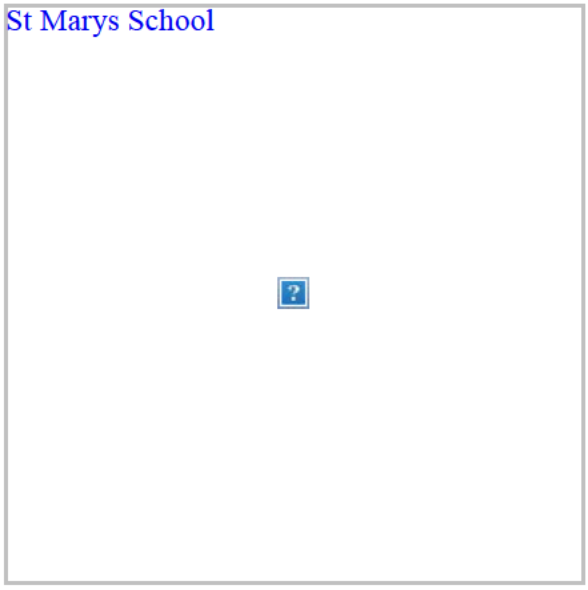
Why PCI compliance has become a critical issue
As human reality gets safer over time, it seems more of the fight moves online

SEC poll identifies challenges for security departments
Study has identified seven issues that have challenged security leaders over the last 12 months

The giveaway that gives your data away
Innocent looking USB devices can be the backdoors hackers need to infiltrate your business

Chad Wolf to be next acting DHS secretary
Wolf to be the fifth person to lead agency since Trump took office

BEST OF SECURITY TECHNOLOGY EXECUTIVE



Prefab Guard Booths Integral in Campus Perimeter Security Strategies
From B.I.G. Enterprises Inc

B.I.G. Enterprises manufactures solutions for the ever-growing security demands of national educational institutions

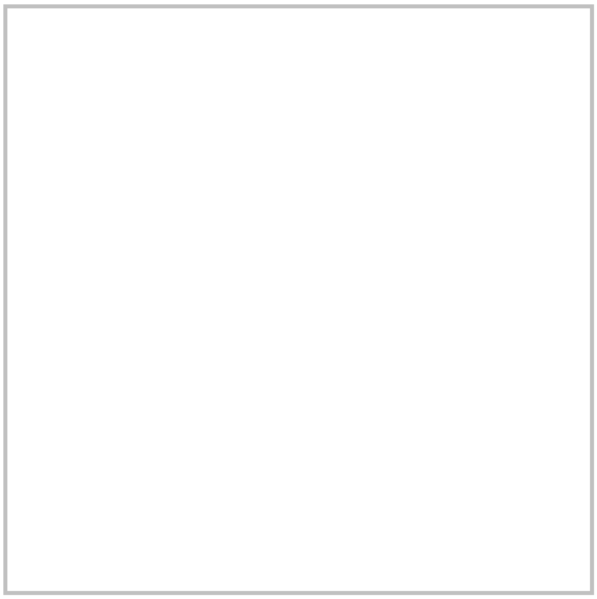
PRODUCT WATCH

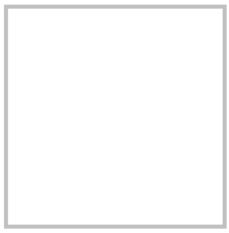


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Video: Using digital transformation to change the perception of security

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MOBOTIX 7 Open Solution Platform and M73 Camera

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11/20/19 9:00 AM CST - 11/21/19 3:00 PM CST
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Endeavor Business Media
1233 Janesville Ave
Fort Atkinson, WI 53538

From: Joel Griffin, Editor, SecurityInfoWatch.com
To: King, Joseph (POL)
Subject: Security Markets & Systems: Flock Safety reduces ALPR costs, Allied Universal acquires Illinois-based integrator, more
Date: Tuesday, November 5, 2019 4:47:18 PM

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November 05, 2019

FEATURED STORY

Flock Safety Image

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BEST OF SECURITY BUSINESS

False Alarmhome Security Alarm

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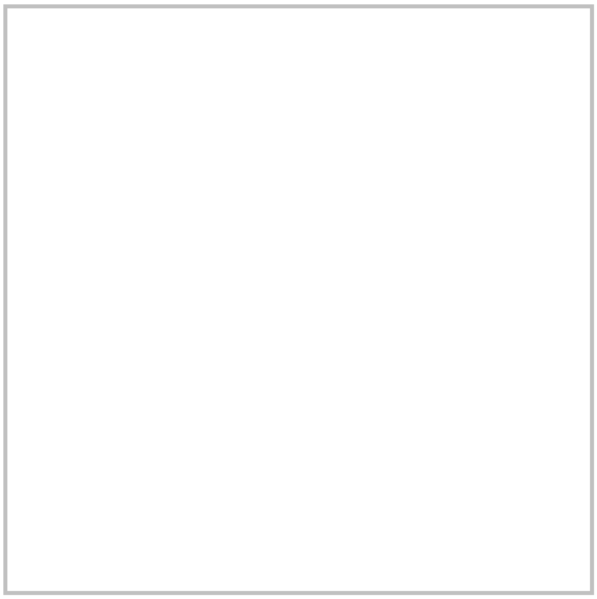
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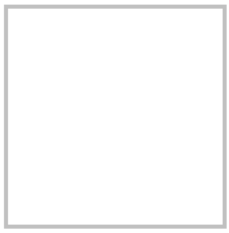
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To: Weiner, Mark (POL)
Subject: Security Markets & Systems: Flock Safety reduces ALPR costs, Allied Universal acquires Illinois-based integrator, more
Date: Tuesday, November 5, 2019 4:46:57 PM

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November 05, 2019

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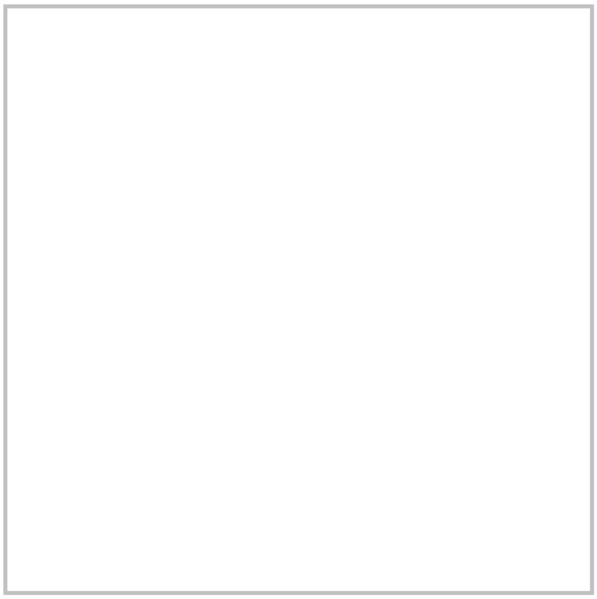
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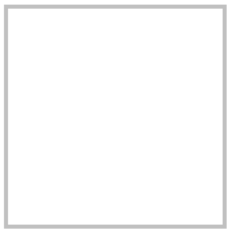
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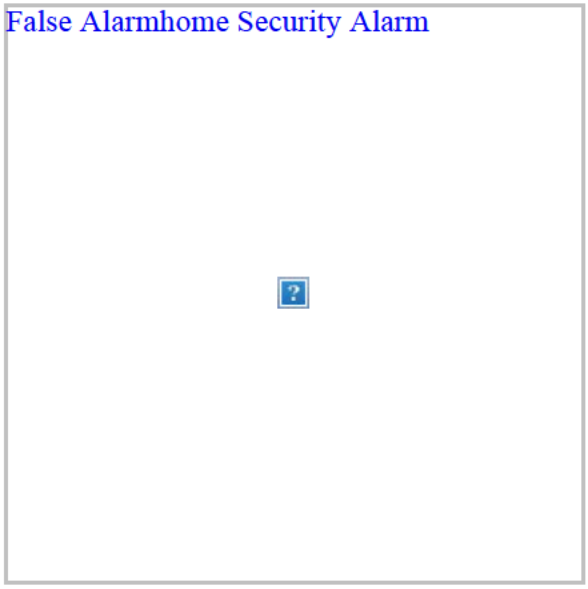
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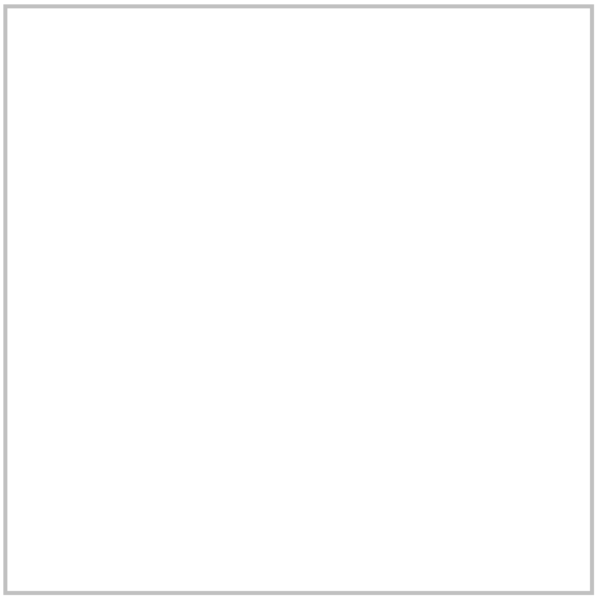
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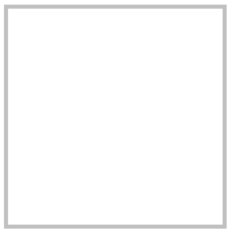


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From:	Lefebvre, Sarah (POL)
To:	Smith, Mary (POL); Jones, Raymond (POL); McLaughlin, Theresa (POL); Kinirey, MaryAnn (POL); Ackerman, Robert (POL); Harris, Kelley (POL); Weinschenk, Paul (POL); Testa, Shelly (POL); Kelleher, Michele POL); Murphy, James (POL); Zona, Thomas (POL); Johnson, Robert - Captain (POL); Gravini, Matthew (POL); Leblanc, Jeffrey (POL); Poirier, Thomas (POL); Frigon, Richard (POL); Cravedi, David A (POL); Daige, Andrew (POL); Dejesus, Luis (POL); Boland, John (POL); Lenney, Christopher (POL); Cohen, Mark (POL); Keeney, Robert J(POL); Prussman, David (POL); Demos, George (POL); Fitzgerald, Michael (POL); Choquette, Robert (POL); Murphy, Timothy (POL); Geiger, Fred (POL)
Cc:	Molet, Jerry (POL); Boutilette, Robert (POL); Bigelow, James L (POL); Butler, Michael (POL); O"Neil, James (POL); Mcphail, Charles (POL); Murray, Charles (POL)
Subject:	Sign Off Sheets for General Order TRF-11
Date:	Monday, October 14, 2019 4:29:47 PM
Attachments:	201910141611.pdf TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highli....pdf

---

Good Afternoon,

Attached are Sign Off Sheets for Troop C regarding TRF-11 Automatic License Plate Recognition. Please ensure that all completed sign off sheets are forwarded to CHQ to my attention on or before Monday, October 28th.

*Lt. Murphy, the CAT Team sheet in is in your mailbox, but not attached to this email.

**CHQ personnel, the sign off sheet is now posted on the Duty Office door, please stop by and sign off at your earliest convenience.

Thank you.

Sarah

Sarah K. Lefebvre
Administrative Secretary – Troop Training Coordinator
State Police Holden
Troop “C” Headquarters
508-829-8306
Sarah.Lefebvre@pol.state.ma.us

From: Lefebvre, Sarah (POL)
To: Murphy, James (POL)
Subject: Sign Off Sheets for General Order TRF-11
Date: Friday, November 1, 2019 10:55:00 AM
Attachments: 201910141611.pdf
TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highli....pdf

---

Hi Lieutenant,

Just a friendly reminder that I need the CAT Sign Off Sheet for TRF-11.

Thank you!

Sarah

Sarah K. Lefebvre
Administrative Secretary – Troop Training Coordinator
State Police Holden
Troop "C" Headquarters
508-829-8306
Sarah.Lefebvre@pol.state.ma.us

-----Original Message-----
From: Lefebvre, Sarah (POL)
Sent: Monday, October 14, 2019 4:30 PM
To: Smith, Mary (POL); Jones, Raymond (POL); McLaughlin, Theresa (POL); Kinirey, MaryAnn (POL); Ackerman, Robert (POL); Harris, Kelley (POL); Weinschenk, Paul (POL); Testa, Shelly (POL); Kelleher, Michele POL); Murphy, James (POL); Zona, Thomas (POL); Johnson, Robert - Captain (POL); Gravini, Matthew (POL); Leblanc, Jeffrey (POL); Poirier, Thomas (POL); Frigon, Richard (POL); Cravedi, David A (POL); Daige, Andrew (POL); Dejesus, Luis (POL); Boland, John (POL); Lenney, Christopher (POL); Cohen, Mark (POL); Keeney, Robert J(POL); Prussman, David (POL); Demos, George (POL); Fitzgerald, Michael (POL); Choquette, Robert (POL); Murphy, Timothy (POL); Geiger, Fred (POL)
Cc: Molet, Jerry (POL); Boutilette, Robert (POL); Bigelow, James L (POL); Butler, Michael (POL); O'Neil, James (POL); Mcphail, Charles (POL); Murray, Charles (POL)
Subject: Sign Off Sheets for General Order TRF-11

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*Lt. Murphy, the CAT Team sheet in is in your mailbox, but not attached to this email.

**CHQ personnel, the sign off sheet is now posted on the Duty Office door, please stop by and sign off at your earliest convenience.

Thank you.

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Sarah K. Lefebvre
Administrative Secretary – Troop Training Coordinator State Police Holden Troop "C" Headquarters
508-829-8306
Sarah.Lefebvre@pol.state.ma.us

From:	Lefebvre, Sarah (POL)
To:	Wallace, Rhonda (POL); Kessler, Evelyn (POL); Swanson, Christine (POL); jfagone@massport.com; Stocks, Lynne POL); Allison-Slater, Nancy (POL); Marino, Sheila (POL)
Cc:	Moran, Brian J (POL); Penniman, James (POL); Michno, Michael (POL); Atchison, Charles (POL); McCarthy, Thomas (POL); Gallagher, David (POL); Taliaferro, Dennis (POL); Miskell, Michael (POL); Zakhary, Emad (POL)
Subject:	Sign Off Sheets for General Orders - TRF-11
Date:	Monday, October 14, 2019 4:21:50 PM
Attachments:	19-SO-12 Distribution of General Order.pdf TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf 20191010144730294.pdf 201910141610.pdf 201910141612.pdf 201910141613.pdf 20191010145258867.pdf 20191010145444873.pdf

Good Afternoon,

Attached are Sign Off Sheets for all of DFS regarding TRF-11 Automatic License Plate Recognition. Please ensure that all completed sign off sheets are forwarded to Lt. Colonel Favuzza's office on or before Friday, November 1st.

Thank you.

Sarah

Sarah K. Lefebvre
Division of Field Services
508-820-2396

From: Strategic Planning (POL) <strategic.planning@massgov.onmicrosoft.com>
Sent: Tuesday, October 01, 2019 5:20 PM
To: POL-DL-All Users <POL-DL-AllUsers@MassMail.State.MA.US>
Subject: Promulgation of 19-SO-12

Please be advised that the following Special Order has been promulgated:

- **19-SO-12 Distribution of General Order**
  TRF-11 Automatic License Plate Recognition

Please also be advised that the official General Order listed in the above Special Order has been promulgated.

Strategic Planning Section
470 Worcester Road
Framingham, Massachusetts 01702

To:	Wallace, Rhonda (POL); Kessler, Evelyn (POL); Leblanc, Jeffrey (POL); Swanson, Christine (POL); jfagone@massport.com; Stocks, Lynne POL); Allison-Slater, Nancy (POL); Marino, Sheila (POL)
Cc:	Moran, Brian J (POL); Penniman, James (POL); Johnson, Robert - Captain (POL); Michno, Michael (POL); Atchison, Charles (POL); McCarthy, Thomas (POL); Gallagher, David (POL); Taliaferro, Dennis (POL); Miskell, Michael (POL); Zakhary, Emad (POL)
Subject:	Sign Off Sheets for General Orders
Date:	Monday, October 14, 2019 4:19:40 PM
Attachments:	19-SO-12 Distribution of General Order.pdf TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf 20191010144730294.pdf 201910141610.pdf 201910141612.pdf 201910141613.pdf 20191010145258867.pdf

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Strategic Planning Section
470 Worcester Road
Framingham, Massachusetts 01702

From: Egnitz, Brian (POL)
To: Quinn, Dermot (POL)
Subject: sojka
Date: Monday, August 12, 2019 11:42:00 AM

Sojka can kind of fill in wherever, here's a few thoughts.

I think his strengths are finding workflow issues or problems, providing user support, application testing, generate training material, good eye for presenting data and making high quality briefing materials, can run a project.

LPR big picture

- Advocacy (SME)
- build LPR network work with communities to ensure contribution to the data center
- maintain list of ALPR in the state with retention
- policy updates
- expert testimony
- maybe permissions, training on PIPS app
- survey who MA for who has ALPR, planning etc
- configure BOSS alerts to Troops when fixed readers are stationed
- Work with DCJIS on Warrants hotlist and its implementation
- Work with DCJIS on Warrants for DNA hotlist and its implementation
- Retention review with surrounding states
- CopLink LPR deploy
- I'll continue to on this and keep him in the loop;
    - Work with EOTSS on server replace
    - Boss 4.0
    - Support contract
    - Genetech sharing or other community integrations
    - Massport connection
    - mantis

ACISS support

- Overlap support if we lose body's
- Provide additional technical support ACISS
- Provide additional technical support P&E
- Develop training material for P&E, guides and resources
- Track required policy updates for P&E
- Maybe do ACISS livescan and arrest updates
- Maybe start ACISS user group/committee
- Monthly stats/charts and graphs, be the Carol for DHS/DIS and use the data we have, I also have a request into Amy, but she needs a few months to be able to assign an analyst.

Upcoming work

- Capers
- Genetic video project

- CopLink cloud (maybe have Sojka do this)
- Finalize SharePoint decommissioning
- Sonim
- Couple of grants will be rolling in shortly

Brian Egnitz
Commonwealth Fusion Center
Massachusetts State Police
Phone: 978-451-3710 (Maynard) 508-988-7302 (GHQ)
Email: Brian.Egnitz@massmail.state.ma.us
Monday - Friday, 8 to 4

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From: info@lahidtatraining.org
To: belben, kenneth A (POL)
Subject: Some Upcoming Training Classes
Date: Wednesday, May 8, 2019 3:06:47 PM

Here is a very small portion of classes that are listed on the training calendar at LA HIDTA Training. To view all the classes posted on the training calendar, go to www.lahidtatraining.org. **To register for the below classes or any other classes, visit the LA HIDTA Training website and click on the class that you want to register for. To see the next three months of training, click the "next" button on the upper right side. You can also search by counties. At the top of the training page under "Tags", click on the county that you want to look at and it will show only training for that county.Make sure you check the Training Website on a regular basis as classes are added almost daily. Some fill up before an email blast can even go out.**

May 14, 2019 - Tuesday
Electronic Surveillance – *POST Certified- Free Class for Local L.E. POST Agencies*
Commerce, CA
Download Flyer

May 14-15, 2019; Tuesday - Wednesday
Interviews & Interrogations – *STC Certified*
Whittier, CA
Download Flyer

May 14, 2019 - Tuesday
Sovereign Citizen Extremists – *POST Certified – Free Class*
Irwindale, CA
Apply for Training
Download Flyer

May 15, 2019 - Wednesday
Civilian Leadership Course for Police Department Employees
Fresno, Ca
Download Flyer

May 16, 2019 - Thursday
San Bernardino Terrorist Attack: Everything on What Happened to Lessons Learned
Ontario, CA

Download Flyer

May 16, 2019 - Thursday
Narcotics on Patrol
Whittier, CA
Download Flyer

May 16-17, 2019; Thursday - Friday
Advanced Vehicle Contraband and Concealment
Fresno, CA
Download Flyer

May 19-20, 2019; Sunday - Monday
Law Enforcement Response to Active Shooter
Tustin, CA
Download Flyer

May 21, 2019 - Tuesday
Clandestine Laboratory Safety Recertification Course – *POST Certified – Free Class*
Seaside, CA
Download Flyer

May 22, 2019 - Wednesday
Crisis Intervention & Behavioral Health Training – *STC Certified*
Seal Beach, Ca
Download Flyer

May 22, 2019 - Wednesday
Electronic Surveillance (Wiretap) – *POST Certified – Free for Local L.E. POST Agencies*
Seaside, CA
Download Flyer

May 24, 2019 - Friday
Behavioral Threat Assessment & Management- *STC Certified*
Commerce, CA
Download Flyer

May 24, 2019 - Friday

Fighting Pistol
Chino, CA
Download Flyer

May 25, 2019 - Saturday
Bitcoin/Crypto Currency Basics
Commerce, CA
Click to Register
Download Flyer

May 27-31, 2019; Monday - Friday
Undercover Techniques and Survival for Narcotics Officers – *Free Class – Excellent Instructor – Also any supervisor that oversees a U/C Program should take this class*
Commerce, CA
Download Flyer

May 28, 2019 - Tuesday
Sex Offender Registration Compliance & Enforcement PC 290
Chino Hills, CA
Download Flyer

May 29-30, 2019; Wednesday - Thursday
MAGNUS Leadership
Santa Ana, CA
Download Flyer

June 03, 2019 - Monday
Clandestine Laboratory Safety Recertification Course – *POST Certified – Free Class*
Garden Grove, CA
Download Flyer

June 03, 2019 - Monday
Target ID & Scouting for Law Enforcement

Commerce, CA
Download Flyer

June 03-04, 2019; Monday - Tuesday
Officer Involved Domestic Violence – *POST Certified*

Los Angeles, Ca
Download Flyer

June 03-05, 2019; Monday - Wednesday
Tactical Communications Instructor Course – *POST Certified*
La Quinta, CA
Download Flyer

June 04, 2019 - Tuesday
Street Racing Enforcement Training
Dublin, CA
Download Flyer

June 05-07, 2019; Wednesday - Friday
Risk Management by Internal Auditing
La Quinta, CA
Download Flyer

June 05, 2019 - Wednesday
Terrorism Liaison Officer (TLO) Basic *UPDATED COURSE* - *POST Certified – Free Class*
Rancho Cucamonga, CA
Apply for Training
Download Flyer

June 10-11, 2019; Monday - Tuesday
Officer Involved Shootings for Field Supervisors – *POST & STC Certified*
National City, Ca
Download Flyer

June 10-12, 2019; Monday - Wednesday
Internal Affairs Seminar – *POST Certified*
Long Beach, CA
Download Flyer

June 11, 2019 - Tuesday
Electronic Surveillance – *POST Certified – Free for Local L.E. POST Agencies*
Commerce, CA

Download Flyer

June 11, 2019 - Tuesday
Informant Management: Perkins Ops, Wire Intercepts & Record KeepingOntario, CA
Download Flyer

June 13-14, 2019; Thursday - Friday
Mission Planning – *Free Class- Anybody conducting operations should take this class*
Commerce, CA
Download Flyer

June 18, 2019 - Tuesday
Automated License Plate Reader (ALPR) Technology and Procedures – *POST Certified* – *Free Class*
Fresno, CA
Download Flyer

June 24-26, 2019; Monday - Wednesday
UAS Tactical Operator's Course
Costa Mesa, CA
Download Flyer

June 24-28, 2019; Monday - Friday
M.M.B.T.H. Breacher Certification Course
Santa Monica, CA
Download Flyer

June 26, 2019 - Wednesday
Search Warrants: Everything you need to know from Patrol to Narcs – *POST Certified*
San Bernardino, CA
Download Flyer

June 28, 2019 - Friday
Echelon Front: Extreme Ownership Leadership Seminar
Brentwood, CA
Download Flyer

June 28, 2019 - Friday
Electronic Surveillance – ***POST Certified – Free for Local L.E. POST Agencies***
San Diego, CA
Download Flyer

July 01, 2019 - Monday
Gangs and Corrections
Salinas, CA
Download Flyer

July 02, 2019 - Tuesday
Law Enforcement Armorer - 1911 Pistol
Commerce, CA
Download Flyer

July 03, 2019 - Wednesday
Law Enforcement Armorer - Glock Pistol - 4 Hours
Commerce, CA
Download Flyer

July 03, 2019 - Wednesday
Glock Armorer 3.0 Law Enforcement - 4 Hours – ***Learn identification and fixes of mechanical causes attributed to specific Glock pistol/ammo malfunctions***
Commerce, CA
Download Flyer

July 10, 2019 - Wednesday
Chasing Money
Salinas, CA
Download Flyer

July 11, 2019 - Thursday
Criminal Interdiction
Folsom, CA
Download Flyer

July 11, 2019 - Thursday
Human Trafficking Investigations

Ontario, CA
Download Flyer

July 15-16, 2019; Monday - Tuesday
Officer Involved Shootings for Field Supervisors – *POST & STC Certified*
Camarillo, Ca
Download Flyer

July 15-19, 2019; Monday - Friday
Rolling Surveillance
San Luis Obispo, CA
Download Flyer

July 16-18, 2019; Tuesday - Thursday
Drug Abuse Recognition (DAR)/Drugged Driving Investigations (DDI) - *POST & STC Certified*
Monrovia, CA
Download Flyer

July 17, 2019 - Wednesday
Open Source / Social Media – *Free Class*
Commerce, CA
Download Flyer

July 22-26, 2019; Monday - Friday
Undercover Field Operations
San Luis Obispo, CA
Download Flyer

July 24-26, 2019; Wednesday - Friday
Force Encounters Analysis: Understanding Human Performance in Critical Incidents – *POST, STC & Homeland Security Certified*
Santa Barbara, CA
Download Flyer

July 25, 2019 - Thursday
Overdose Death InvestigationsOntario, CA
Download Flyer

July 25, 2019 - Thursday
Marijuana DUI Investigations
Dublin, CA
Download Flyer

July 31-August 01, 2019; Wednesday - Thursday
Policing the Mentally Ill – *STC Certified*
Hanford, CA
Download Flyer

August 02, 2019 - Friday
Enhanced Drug ID – *STC Certified*
Hanford, CA
Download Flyer

August 05, 2019 - Monday
Unmanned Aircraft Systems for Command Staff, Supervisors & Policy Makers
Commerce, CA
Download Flyer

August 06-08, 2019; Tuesday - Thursday
Drug Abuse Recognition (DAR)/Drugged Driving Investigations (DDI) – *POST & STC Certified*
Sacramento, CA
Download Flyer

August 12-13, 2019; Monday - Tuesday
Advanced Report Writing & Courtroom Protocol – *STC Certified*
Whittier, CA
Download Flyer

August 12-14, 2019; Monday - Wednesday
Covert Surveillance Training
Las Vegas, NV
Download Flyer

August 12-16, 2019; Monday - Friday
Tactical Use of the Internet (TUI) - 5-Day Advanced Training
British Columbia
Download Flyer

August 13-15, 2019; Tuesday - Thursday
Introduction to Threat Finance Analysis
Commerce, CA
Download Flyer

August 14, 2019 - Wednesday
Investigative Tactics and Updates for Narco Cases – *POST Certified*
San Bernardino, CA
Download Flyer

August 16, 2019 - Friday
Interdiction Operations
Whittier, CA
Download Flyer

August 19-23, 2019; Monday - Friday
sUAS Program Operator's Course
Costa Mesa, CA
Download Flyer

August 26, 2019 - Monday
Fentanyl Safety; Investigation and DecontaminationDublin, CA
Download Flyer

August 26-27, 2019; Monday - Tuesday
Covert Entry Specialist I Course – *Receive Lock Pick Set with Class*
Santa Monica, Ca
Download Flyer

www.lahidtatraining.org for Training Calendar

info@lahidtatraining.org for info/questions

Kenneth.Cordray@LACLEAR.ca.gov or Eric.Bunde@LACLEAR.ca.gov for trainers and schedule new classes

https://instruq.co for "On-Line Training"

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From: info@lahidtatraining.org
To: belben, kenneth A (POL)
Subject: Some Upcoming Training Classes
Date: Tuesday, April 30, 2019 1:48:59 PM

Here is a very small portion of classes that are listed on the training calendar at LA HIDTA Training. To view all the classes posted on the training calendar, go to www.lahidtatraining.org. **To register for the below classes or any other classes, visit the LA HIDTA Training website and click on the class that you want to register for. To see the next three months of training, click the "next" button on the upper right side. You can also search by counties. At the top of the training page under "Tags", click on the county that you want to look at and it will show only training for that county.Make sure you check the Training Website on a regular basis as classes are added almost daily. Some fill up before an email blast can even go out.**

May 08, 2019 - Wednesday
Basic Evidence Procedures for First Responders – *POST & STC Certified*
Long Beach, CA
Download Flyer

May 08, 2019 - Wednesday
Perkins v. Illinois TrainingAnaheim, CA
Download Flyer

May 08-10, 2019; Wednesday - Friday
Force Encounters Analysis: Understanding Human Performance in Critical Incidents – *POST, STC & Homeland Security Certified*
Burbank, CA
Download Flyer

May 09, 2019 - Thursday
Overdose Death Investigations
San Diego, CA
Download Flyer

May 09, 2019 - Thursday
Patron Saints of the Mexican Drug Underworld – *POST Certified*
Santa Barbara, CA
Download Flyer

May 10, 2019 - Friday
Civilian Leadership Course for Police Department Employees
Tustin, Ca
Download Flyer

May 13, 2019 - Monday
Controlled Deliveries
Whittier, CA
Download Flyer

May 13, 2019 - Monday
Career Seminars: Promotion Preparation – *Designed for Any rank of promotion*
Palm Springs, CA
Download Flyer

May 13-15, 2019; Monday - Wednesday
Critical Incident Training for Managers and Supervisors – *POST Certified*
Arroyo Grande, CA
Download Flyer

May 14, 2019 - Tuesday
Electronic Surveillance – *POST Certified – Free for Local POST Agencies*
Commerce, CA
Download Flyer

May 14-16, 2019; Tuesday - Thursday
Assertive Supervision: Practical Approaches to Performance Management – *POST & STC Certified*
Chula Vista, CA
Download Flyer

May 15-17, 2019; Wednesday - Friday
Force Encounters Analysis: Understanding Human Performance in Critical Incidents – *POST, STC & Homeland Security Certified*
Commerce, CA
Download Flyer

May 16, 2019 - Thursday
Crisis Intervention & Behavioral Health Training – *STC Certified*
Fresno, Ca
Download Flyer

May 17, 2019 - Friday
"The Fight After the Fight"Rohnert Park, CA
Download Flyer

May 17-18, 2019; Friday - Saturday
Law Enforcement Response to Active Shooter
Tustin, CA
Download Flyer

May 20, 2019 - Monday
Clandestine Laboratory Safety Recertification Course – *POST Certified – Free Class*
Seaside, CA
Download Flyer

May 24, 2019 - Friday
Police Promotion: Oral Interview Training Workshop
Chino Hills, CA
Download Flyer

May 25, 2019 - Saturday
Bitcoin/Crypto Currency Basics
Commerce, CA
Click to Register
Download Flyer

May 27-31, 2019; Monday - Friday
Undercover Techniques and Survival for Narcotics Officers – *Free Class – Instructor has been involved in long-term U/C ops and is the instructor for the FBI U/C school and Pennsylvania State Police "Top Gun" U/C school to name a few*
Commerce, CA
Download Flyer

May 28, 2019 - Tuesday

Critical Incident Response for Peer Support Teams
Carlsbad, Ca
Download Flyer

May 28-31, 2019; Tuesday - Friday
Southern CA Gang Conference X – *Numerous Training Topics*
San Diego, CA
Download Flyer

May 29, 2019 - Wednesday
Asset Forfeiture
Watsonville, CA
Download Flyer

May 30, 2019 - Thursday
Basic Peer Support Training
Oxnard, Ca
Download Flyer

May 31, 2019 - Friday
Bias-Based Policing: Remaining Fair & Impartial – *Choose AM or PM Class*
Seal Beach, Ca
Download Flyer

June 03, 2019 - Monday
Target ID & Scouting for Law Enforcement
Commerce, CA
Download Flyer

June 03-04, 2019; Monday - Tuesday
Survive & Thrive: Protecting You and Your Fellow Officers – *Free Class*
Solvang, CA
Download Flyer

June 03, 2019 - Monday
Funding Terrorism and Domestic Sex Trafficking – *Free Class*
Chino, CA
Apply for Training

Download Flyer

June 04, 2019 - Tuesday
Clandestine Laboratory Safety Recertification Course – *POST Certified – Free Class*
Garden Grove, CA
Download Flyer

June 05, 2019 - Wednesday
Train-the-Trainer Workshop – *Free Class*
Solvang, CA
Download Flyer

June 05, 2019 - Wednesday
Counter Ambush Handgun Tactics LE/Military
Corona, CA
Download Flyer

June 06, 2019 - Thursday
Combat Handgun Law Enforcement Women
Corona, CA
Download Flyer

June 07, 2019 - Friday
Tactical Emergency Casualty Care for Law Enforcement & First Responders Provider Course – *NAEMT Certified*
Commerce, CA
Download Flyer

June 10, 2019 - Monday
Career Seminars: Promotion Preparation – *Designed for Any rank of promotion*
Carlsbad, CA
Download Flyer

June 10, 2019 - Monday
Unmanned Aircraft Overview Course
Commerce, CA
Download Flyer

June 12, 2019 - Wednesday
LA CLEAR Overview & Watch Center Orientation – *Free – A Must for Any Investigator*
Commerce, CA
Click to Register
Download Flyer

June 12-13, 2019; Wednesday - Thursday
Advanced Roadside Impaired Driving Enforcement (ARIDE) – *POST Certified – Free Class*
Irvine, CA
Download Flyer

June 13-14, 2019; Thursday - Friday
Mission Planning – *Free Class*
Commerce, CA
Download Flyer

June 13, 2019 - Thursday
Human Trafficking Awareness – *Free Class*
Irwindale, CA
Apply for Training
Download Flyer

June 14, 2019 - Friday
Tactical Emergency Casualty Care for Law Enforcement & First Responders Provider Course – *NAEMT Certified*
Ventura, CA
Download Flyer

June 18, 2019 - Tuesday
Automated License Plate Reader (ALPR) Technology and Procedures – *POST Certified – Free Class*
Fresno, CA
Download Flyer

June 18-20, 2019; Tuesday - Thursday
Drug Abuse Recognition (DAR)/Drugged Driving Investigations (DDI) – *POST & STC Certified*
Commerce, CA

Download Flyer

June 19, 2019 - Wednesday
Mexican Cartels and U.S. Gangs – *STC Certified*
Whittier, CA
Download Flyer

June 24-28, 2019; Monday - Friday
Crime Prevention Through Environmental Design - Basic Course – *POST Certified*
Pico Rivera, Ca
Download Flyer

June 24-28, 2019; Monday - Friday
Crime and Intelligence Analysis - Level I – *POST Certified*
San Diego, Ca
Download Flyer

June 27-28, 2019; Thursday - Friday
UAS Nighttime Operator's Course
Costa Mesa, CA
Download Flyer

July 08-09, 2019; Monday - Tuesday
Penlink - PLX 101 – *Free Class*
Commerce, CA
Download Flyer

July 16, 2019 - Tuesday
Open Source / Social Media – *Free Class*
Commerce, CA
Download Flyer

July 16-18, 2019; Tuesday - Thursday
Critical Incident Response Training for Managers and Supervisors – *POST Certified*
Novato, Ca
Download Flyer

July 24-26, 2019; Wednesday - Friday
3-Day Sex Offender Supervision Officer (SOSO) Boot Camp – *POST & STC Certified*
Anaheim, CA
Download Flyer

July 30-August 01, 2019; Tuesday - Thursday
Analytical Tradecraft for Law Enforcement – *Free Class*
Commerce, CA
Download Flyer

August 13-16, 2019; Tuesday - Friday
28th Annual Gang Violence Conference
Garden Grove, Ca
Download Flyer

August 28, 2019 - Wednesday
Sport Bike Investigations: Theft Methods & Trends
San Bernardino, CA
Download Flyer

September 09-13, 2019; Monday - Friday
2019 Skeletal Recovery Workshop
Burbank, CA
Download Flyer

September 09-20, 2019; Monday - Friday
Basic Intelligence Analyst
Chandler, AZ
Download Flyer

www.lahidtatraining.org for Training Calendar

info@lahidtatraining.org for info/questions

Kenneth.Cordray@LACLEAR.ca.gov or Eric.Bunde@LACLEAR.ca.gov

for trainers and schedule new classes

https://instruq.co for “On-Line Training”

To remove yourself from this mailing list, Click here

From: info@lahidtatraining.org
To: belben, kenneth A (POL)
Subject: Some Upcoming Training Classes
Date: Thursday, May 30, 2019 6:52:20 PM

Here is a very small portion of classes that are listed on the training calendar at LA HIDTA Training. To view all the classes posted on the training calendar, go to www.lahidtatraining.org. **To register for the below classes or any other classes, visit the LA HIDTA Training website and click on the class that you want to register for. To see the next three months of training, click the "next" button on the upper right side. You can also search by counties. At the top of the training page under "Tags", click on the county that you want to look at and it will show only training for that county.Make sure you check the Training Website on a regular basis as classes are added almost daily. Some fill up before an email blast can even go out.**

June 06, 2019 - Thursday
Combat Handgun Law Enforcement Women
Corona, CA
Download Flyer

June 12-13, 2019; Wednesday - Thursday
Advanced Roadside Impaired Driving Enforcement (ARIDE) – *POST Certified – Free Class*
Irvine, CA
Download Flyer

June 13, 2019 - Thursday
Cyber Crime/Fraud, Identity Theft Training
Santa Fe Springs, CA
Download Flyer

June 13-14, 2019; Thursday - Friday
Mission Planning – *Free Class*
Commerce, CA
Download Flyer

June 18, 2019 - Tuesday

Automated License Plate Reader (ALPR) Technology and Procedures – *Free Class*
Fresno, CA
Download Flyer

June 20, 2019 - Thursday
Narco Life – *STC Certified*
Whittier, CA
Download Flyer

June 20, 2019 - Thursday
Active Shooter Drill
Corona, Ca
Download Flyer

June 21, 2019 - Friday
Covert Methods of Entry - Operators Course – *Receive Lock Pick Set & Bypass Tools with Class*
Whittier, CA
Download Flyer

June 21-22, 2019; Friday - Saturday
Law Enforcement Response to Active Shooter
Tustin, CA
Download Flyer

June 23-24, 2019; Sunday - Monday
Law Enforcement Response to Active Shooter
Tustin, CA
Download Flyer

June 24-28, 2019; Monday - Friday
Crime and Intelligence Analysis - Level I – *POST Certified*
San Diego, Ca
Download Flyer

June 26, 2019 - Wednesday
Cold Stop Criminal Interdiction
Dublin, CA

Download Flyer

June 27, 2019 - Thursday
Use of Force
Chico, CA
Download Flyer

June 27-28, 2019; Thursday - Friday
UAS Nighttime Operator's CourseCosta Mesa, CA
Download Flyer

July 02, 2019 - Tuesday
Law Enforcement Armorer - 1911 Pistol
Commerce, CA
Download Flyer

July 02, 2019 - Tuesday
Plain Clothes Combat for Law Enforcement
Corona, CA
Download Flyer

July 03, 2019 - Wednesday
Law Enforcement Armorer - Glock Pistol - 4 Hours
Commerce, CA
Download Flyer

July 08-09, 2019; Monday - Tuesday
Penlink - PLX 101 – *Free Class*
Commerce, CA
Download Flyer

July 08-09, 2019; Monday - Tuesday
Policing the Mentally Ill – *STC Certified*
Whittier, CA
Download Flyer

July 10, 2019 - Wednesday

LA CLEAR Overview & Watch Center Orientation – *Free Class – A must for any Investigator*
Commerce, CA
Click to Register
Download Flyer

July 10, 2019 - Wednesday
Highway Interdiction-Criminal Apprehension
Redding, CA
Download Flyer

July 11, 2019 - Thursday
Informant Development/Management – *POST Certified*
Long Beach, CA
Download Flyer

July 12, 2019 - Friday
DUI Checkpoints - Planning and Management – *POST Certified*
Riverside, Ca
Download Flyer

July 15, 2019 - Monday
Preliminary Alcohol Screening (PAS) Instruments – *POST Certified*
Riverside, Ca
Download Flyer

July 16-18, 2019; Tuesday - Thursday
Drug Abuse Recognition (DAR)/Drugged Driving Investigations (DDI) – *POST & STC Certified*
Monrovia, CA
Download Flyer

July 16-18, 2019; Tuesday - Thursday
Critical Incident Response Training for Managers and Supervisors – *POST Certified*
Novato, Ca
Download Flyer

July 18-19, 2019; Thursday - Friday

Part 107 Remote Pilot Certificate Test Prep for L.E. & Public Safety
Buena Park, CA
Download Flyer

July 18, 2019 - Thursday
Terrorism Liaison Officer (TLO) Basic *UPDATED COURSE* - *POST Certified – Free Class*
Lancaster, CA
Apply for Training
Download Flyer

July 22-26, 2019; Monday - Friday
Undercover Field Operations
San Luis Obispo, CA
Download Flyer

July 24-26, 2019; Wednesday - Friday
3-Day Sex Offender Supervision Officer (SOSO) Boot Camp – *POST & STC Certified*
Anaheim, CA
Download Flyer

July 25, 2019 - Thursday
Marijuana DUI Investigations
Dublin, CA
Download Flyer

July 29, 2019 - Monday
Covert Methods of Entry - Operators Course – *Receive Lock Pick Set & Bypass Tools with Class*
Whittier, CA
Download Flyer

July 30-August 01, 2019; Tuesday - Thursday
Analytical Tradecraft for Law Enforcement – *Free Class*
Commerce, CA
Download Flyer

July 31, 2019 - Wednesday

Terrorism Liaison Officer (TLO) Basic *UPDATED COURSE* - ***POST Certified – Free Class***
Corona, CA
Apply for Training
Download Flyer

August 05, 2019 - Monday
Unmanned Aircraft Systems for Command Staff, Supervisors & Policy Makers
Commerce, CA
Download Flyer

August 05-07, 2019; Monday - Wednesday
Human Trafficking: Investigations & Prosecutions
Dublin, CA
Download Flyer

August 06, 2019 - Tuesday
Electronic Surveillance (Wiretap) – ***POST Certified – Free Class for Local POST Agencies***
Commerce, CA
Download Flyer

August 12-15, 2019; Monday - Thursday
ILGIA 17th Annual Gang Conference
Las Vegas, NV
Download Flyer

August 13, 2019 - Tuesday
Crisis Intervention & Behavioral Health Training – ***POST & STC Certified***
Mountain View, Ca
Download Flyer

August 13-15, 2019; Tuesday - Thursday
Introduction to Threat Finance Analysis – ***Free Class***
Commerce, CA
Download Flyer

August 13-16, 2019; Tuesday - Friday
28th Annual Gang Violence Conference

Garden Grove, Ca
Download Flyer

August 14, 2019 - Wednesday
Making Meth – *STC Certified*
Whittier, CA
Download Flyer

August 14, 2019 - Wednesday
Emotional Intelligence for Law Enforcement
Mountain View, Ca
Download Flyer

August 15, 2019 - Thursday
Civilian Leadership Course for Public Safety Personnel – *STC Certified*
Mountain View, Ca
Download Flyer

August 19-21, 2019; Monday - Wednesday
Force Encounters Analysis: Understanding Human Performance in Critical Incidents – *POST & STC Certified*
Irvine, CA
Download Flyer

August 19-23, 2019; Monday - Friday
sUAS Program Operator's Course – *POST Certified*
Costa Mesa, CA
Download Flyer

August 26, 2019 - Monday
Critical Incident Management for Executives
Camarillo, Ca
Download Flyer

September 09, 2019 - Monday
Fighting Pistol
Chino, CA
Download Flyer

September 09-11, 2019; Monday - Wednesday
Force Encounters Analysis: Understanding Human Performance in Critical Incidents – *POST & STC Certified*
San Leandro, CA
Download Flyer

September 09-13, 2019; Monday - Friday
2019 Skeletal Recovery Workshop
Burbank, CA
Download Flyer

September 09-20, 2019; Monday - Friday
Basic Intelligence Analyst
Chandler, AZ
Download Flyer

September 10, 2019 - Tuesday
The First Fifteen: Critical Incident Response for Field Officers – *POST Certified*
Carmel, Ca
Download Flyer

September 10-12, 2019; Tuesday - Thursday
Assertive Supervision: Practical Approaches to Performance Management – *POST & STC Certified*
Fresno, CA
Download Flyer

September 12, 2019 - Thursday
Search & Seizure – *POST Certified*
Imperial, CA
Download Flyer

September 16-18, 2019; Monday - Wednesday
Assertive Supervision: Practical Approaches to Performance Management – *POST & STC Certified*
Huntington Beach, CA
Download Flyer

September 17, 2019 - Tuesday
Las Vegas Route 91 Mass Shooting
Fontana, ca
Download Flyer

September 17-19, 2019; Tuesday - Thursday
Drug Abuse Recognition (DAR)/Drugged Driving Investigations (DDI) – *POST & STC Certified*
Paso Robles, CA
Download Flyer

September 30-October 04, 2019; Monday - Friday
2019 Rural Crime School
Visalia, CA
Download Flyer

www.lahidtatraining.org for Training Calendar

info@lahidtatraining.org for info/questions

Kenneth.Cordray@LACLEAR.ca.gov or Eric.Bunde@LACLEAR.ca.gov for trainers and schedule new classes

https://instruq.co for "On-Line Training"

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From: Police Technology eXchange
To: O"Riordan, Brian (POL)
Subject: Sourcing Technology? Do it on OUR dime.
Date: Wednesday, October 30, 2019 6:18:07 PM

Will you be joining us at PTX?

POLICE Technology eXchange brings together senior-level IT, Communications and Technology decision-makers face-to-face with law enforcement technology suppliers. This networking opportunity is at **no cost*** to qualified police agency buyers of IT and other technology.

Hurry and apply today because the application deadline is this **Friday, November 1st!**

Event Dates:
December 9-11, 2019

Apply Now to Participate

At the exchange, you'll have one-on-one meetings with leading industry suppliers to talk about ideas, share challenges, and learn best practices. You'll also explore:

Drones | Hybrid Patrol Vehicles | Facial Recognition

- AI & Virtual/Augmented Reality
- e-Citation
- Mobile Data Terminals/Rugged Laptops & Tablets
- ALPR/LPR
- Gunshot Detection Systems
- Intelligence-Led Policing
- Mobile/Rugged Technology
- Investigative Software
- Data/Information Sharing
- Cloud-Based Technology
- Crime Analysis
- Interoperability
- Vehicle Armoring
- Video Storage/Analysis
- Smartphones
- Broadband

To participate, complete the application.

For more information please visit www.PoliceTechnologyeXchange.com or call (800) 576-8788, 9:00am-5:00pm PST

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From: Police Technology eXchange
To: Michno, Michael (POL)
Subject: Sourcing Technology? Do it on OUR dime.
Date: Wednesday, October 30, 2019 6:17:29 PM

Will you be joining us at PTX?

POLICE Technology eXchange brings together senior-level IT, Communications and Technology decision-makers face-to-face with law enforcement technology suppliers. This networking opportunity is at **no cost*** to qualified police agency buyers of IT and other technology.

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December 9-11, 2019

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Drones | Hybrid Patrol Vehicles | Facial Recognition

- AI & Virtual/Augmented Reality
- e-Citation
- Mobile Data Terminals/Rugged Laptops & Tablets
- ALPR/LPR
- Gunshot Detection Systems
- Intelligence-Led Policing
- Mobile/Rugged Technology
- Investigative Software
- Data/Information Sharing
- Cloud-Based Technology
- Crime Analysis
- Interoperability
- Vehicle Armoring
- Video Storage/Analysis
- Smartphones
- Broadband

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From: Police Technology eXchange
To: Kiley, Mark (POL)
Subject: Sourcing Technology? Do it on OUR dime.
Date: Wednesday, October 30, 2019 6:17:28 PM

Will you be joining us at PTX?

POLICE Technology eXchange brings together senior-level IT, Communications and Technology decision-makers face-to-face with law enforcement technology suppliers. This networking opportunity is at **no cost*** to qualified police agency buyers of IT and other technology.

Hurry and apply today because the application deadline is this **Friday, November 1st!**

Event Dates:
December 9-11, 2019

Apply Now to Participate

At the exchange, you'll have one-on-one meetings with leading industry suppliers to talk about ideas, share challenges, and learn best practices. You'll also explore:

Drones | Hybrid Patrol Vehicles | Facial Recognition

- AI & Virtual/Augmented Reality
- e-Citation
- Mobile Data Terminals/Rugged Laptops & Tablets
- ALPR/LPR
- Gunshot Detection Systems
- Intelligence-Led Policing
- Mobile/Rugged Technology
- Investigative Software
- Data/Information Sharing
- Cloud-Based Technology
- Crime Analysis
- Interoperability
- Vehicle Armoring
- Video Storage/Analysis
- Smartphones
- Broadband

To participate, complete the application.

For more information please visit www.PoliceTechnologyeXchange.com or call (800) 576-8788, 9:00am-5:00pm PST

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From: Police Technology eXchange
To: Favuzza, Robert (POL)
Subject: Sourcing Technology? Do it on OUR dime.
Date: Wednesday, October 30, 2019 6:16:55 PM

Will you be joining us at PTX?

POLICE Technology eXchange brings together senior-level IT, Communications and Technology decision-makers face-to-face with law enforcement technology suppliers. This networking opportunity is at **no cost*** to qualified police agency buyers of IT and other technology.

Hurry and apply today because the application deadline is this **Friday, November 1st!**

Event Dates:
December 9-11, 2019

Apply Now to Participate

At the exchange, you'll have one-on-one meetings with leading industry suppliers to talk about ideas, share challenges, and learn best practices. You'll also explore:

Drones | Hybrid Patrol Vehicles | Facial Recognition

- AI & Virtual/Augmented Reality
- e-Citation
- Mobile Data Terminals/Rugged Laptops & Tablets
- ALPR/LPR
- Gunshot Detection Systems
- Intelligence-Led Policing
- Mobile/Rugged Technology
- Investigative Software
- Data/Information Sharing
- Cloud-Based Technology
- Crime Analysis
- Interoperability
- Vehicle Armoring
- Video Storage/Analysis
- Smartphones
- Broadband

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Subject: Sourcing Technology? Do it on OUR dime.
Date: Wednesday, October 30, 2019 6:16:54 PM

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To: Dermot Quinn (dermot.quinn@massmail.state.ma.us)
Subject: Templates
Date: Tuesday, September 17, 2019 4:21:00 PM
Attachments: FINAL-Face Recognition Policy Development Template.pdf
LPR Policy Template FINAL 2-7-170.pdf

From: Dickneite, Kylie
Subject: The LEIU Source - Sign Up!
Date: Tuesday, November 5, 2019 9:40:01 AM
Attachments: image001.png
image002.png
image003.png

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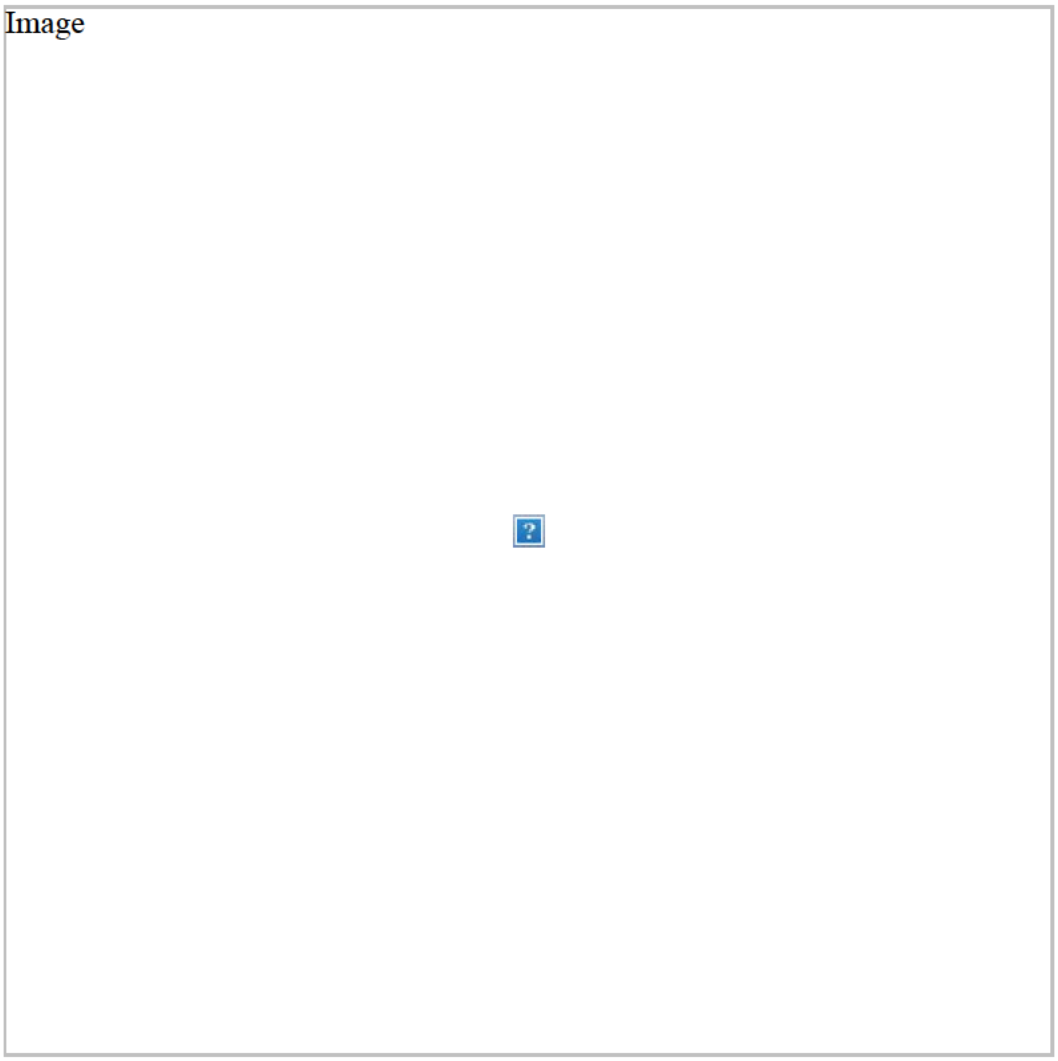
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Subject: A Publication of the LEIU Executive Board - The Source

Image



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Each Wednesday, we share with you a few of the articles or intelligence-based publications that have come across our desk. We are exicted to see, each week, Law Enforcement Officers, Analysts and Administrators from around the world reading this.

If you have a publication or an article that you feel needs to be shared, please send these to IntelligenceAnalysis@mac.com for review.

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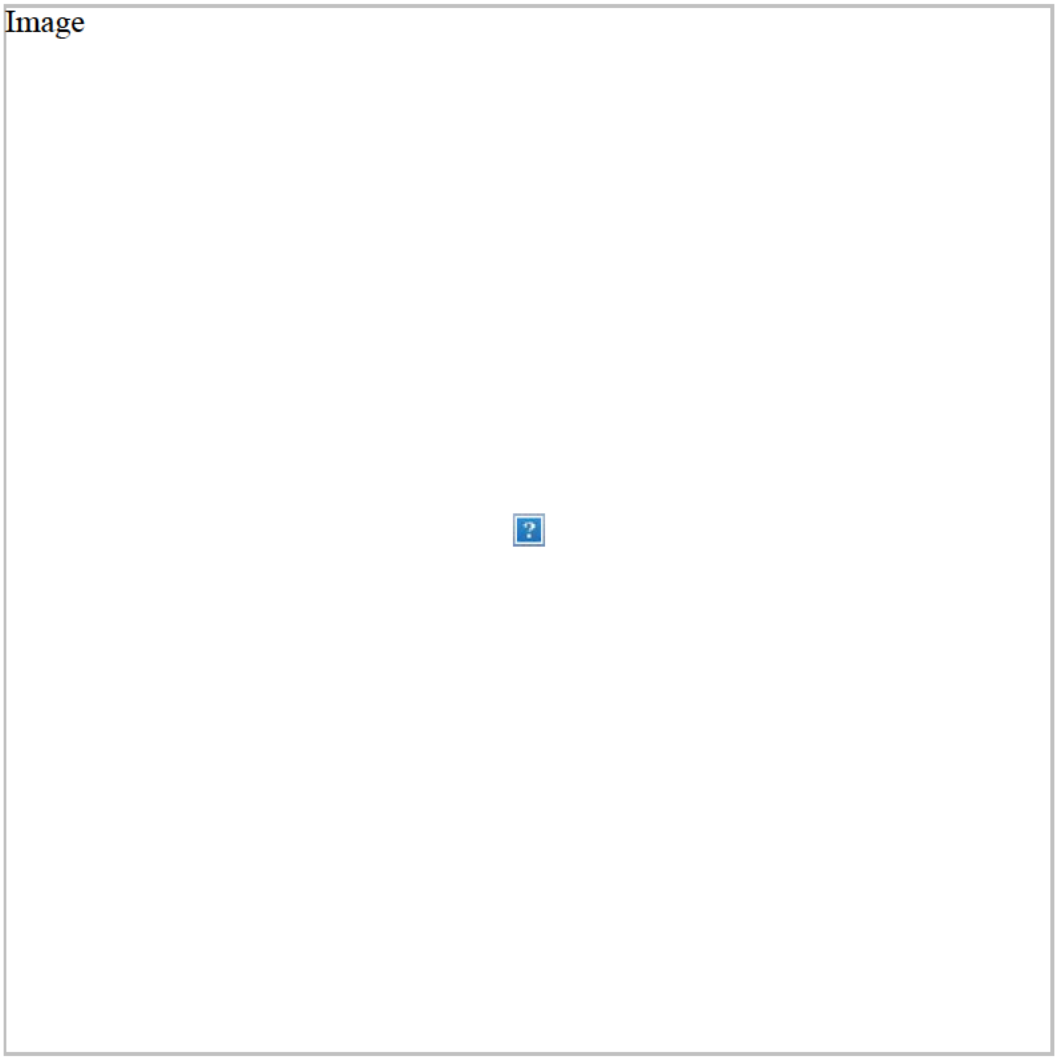


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BAE wins open source intelligence

contract from the Army

Image



The Army has awarded BAE Systems a $437 million task order for open source intelligence support, the company announced Oct. 15 during the 2019 Association of the United States Army conference.

As part of the task order, BAE Systems will provide the Army and Army Intelligence & Security Command (INSCOM) approved partners with open source solutions to publicly available data.

“We’re proud to continue to partner with the U.S. Army and support their critical national security missions with this new capability,” Peder Jungck, vice president and general manager of BAE Systems’ intelligence solutions business.

The company won the initial award of the five-year task order and began ramping up in August, Jungck said. The task order is an extension of projects the company has been doing for the

Army, but this is the first time the work been consolidated and awarded as a larger contract, he explained.

“If you look at contracts in general around OSINT there’s been kind of small ones, there’s been lots of pilots out of agencies and even within the Army and throughout INSCOM there were different kind of brigades and battalions that had their own set of tools," he said. "This is one of the first of the really large OSINT and AI consolidation contracts. I don’t think anybody’s really had a large one like this.”

Calif. police stand by cop after video released in 2017 OIS of murder suspect

Image

FRESNO, Calif. — Community activists are expressing outrage after seeing video footage that shows a Fresno police sergeant fatally shooting an unarmed 16-year-old boy as he fled during a

foot pursuit.

Meanwhile, the local police union and supporters of law enforcement have stepped up in support of the sergeant, saying he acted within guidelines while pursuing a murder suspect.

The footage shows Sgt. Ray Villalvazo firing a single shot into the back of Isiah Murrietta-Golding's head, according to a lawsuit filed on behalf of the teen's family.

The video was captured on a surveillance camera at a daycare facility on April 14, 2017, and was released by attorney Stuart Chandler, who's representing the family of Murrietta-Golding. The boy's family alleges the sergeant used excessive and unlawful deadly force, and committed assault and battery with negligence.

Additionally, in footage released from a police officer's body camera, one officer is heard shouting "good shot" as officers handcuff and search the already prone Murrietta-Golding.

Asia has an organized-crime problem. Canada is well placed to help

Image

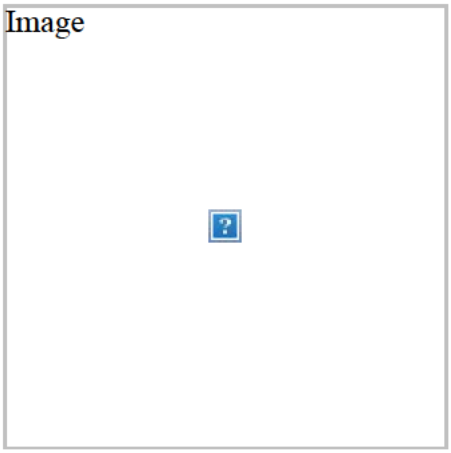
Jeremy Douglas is the regional representative for the United Nations Office on Drugs and Crime (UNODC) for Southeast Asia and the Pacific and a former UNODC representative for Pakistan. The opinions expressed in this commentary are his.

More than a few eyebrows went up last week when Tse Chi Lop – a 55-year-old Canadian man – was accused of being arguably the biggest drug trafficker in the history of Asia.

Mr. Tse is suspected – by police in Myanmar, Australia and Taiwan, and by the United Nations Office on Drugs and Crime (UNODC) – of being the leader of Sam Gor, or Brother Number Three, a supersyndicate largely responsible for the dramatic shift in recent years in organized crime away from drugs such as heroin and toward synthetics, such as methamphetamine, ketamine and fentanyl. It's a shift that has been driven by control and profit, since synthetics offer many advantages to

criminal organizations: Labs can be quickly set up or moved; they are not subject to external conditions such as climate, nor do they require large work forces; and production can be rapidly scaled up to drive the market. Put these things together and it means the disruption of the traditional drug business and the heavily concentrated profits that come with it.

Florida Senator Rick Scott Announces Legislation To Address 'FBI Failures' Regarding Parkland Shooting



MIAMI (CBSMiami) – Florida Senator Rick Scott announced legislation Thursday to hold the Federal Bureau of Investigations accountable for its 'failures to address critical deficiencies in its handling of actionable intelligence' in regards to the mass shooting at Marjory Stoneman Douglas High School in 2018.

The 'Threat Information Protocol for Sharing (TIPS) Act' is supported by Stand with Parkland, an organization founded by the family members of the victims of the Parkland shooting.

"Not a day goes by that I don't think about the 17 souls that were taken from us in a brutal act of violence at Marjory Stoneman Douglas High School. Following the tragedy, we all worked together to pass the Marjory Stoneman Douglas High School Public Safety Act to make our schools safer and prevent future tragedies, but we aren't finished. We cannot

accept the repeated failures of the FBI to properly investigate and act on specific tips received about the Parkland shooter, as well as other perpetrators of mass violence in Florida. I'm proud to stand with the family members of the victims to announce the TIPS Act, which bridges the gap between federal and state law enforcement agencies by mandating information sharing of all state-specific criminal intelligence tips. This is about getting information on threats into the hands of the right people, who can ultimately prevent violence and protect our families," Scott said.

Majority of Mexicans Say Organized Crime Stronger than Government after El Chapo's Son Released

Image

A majority of Mexicans see organized crime as more powerful than the Mexican government after government forces capitulated to drug-cartel strongmen and released the son of the former cartel leader Joaquín Guzmán, known as “El Chapo.”

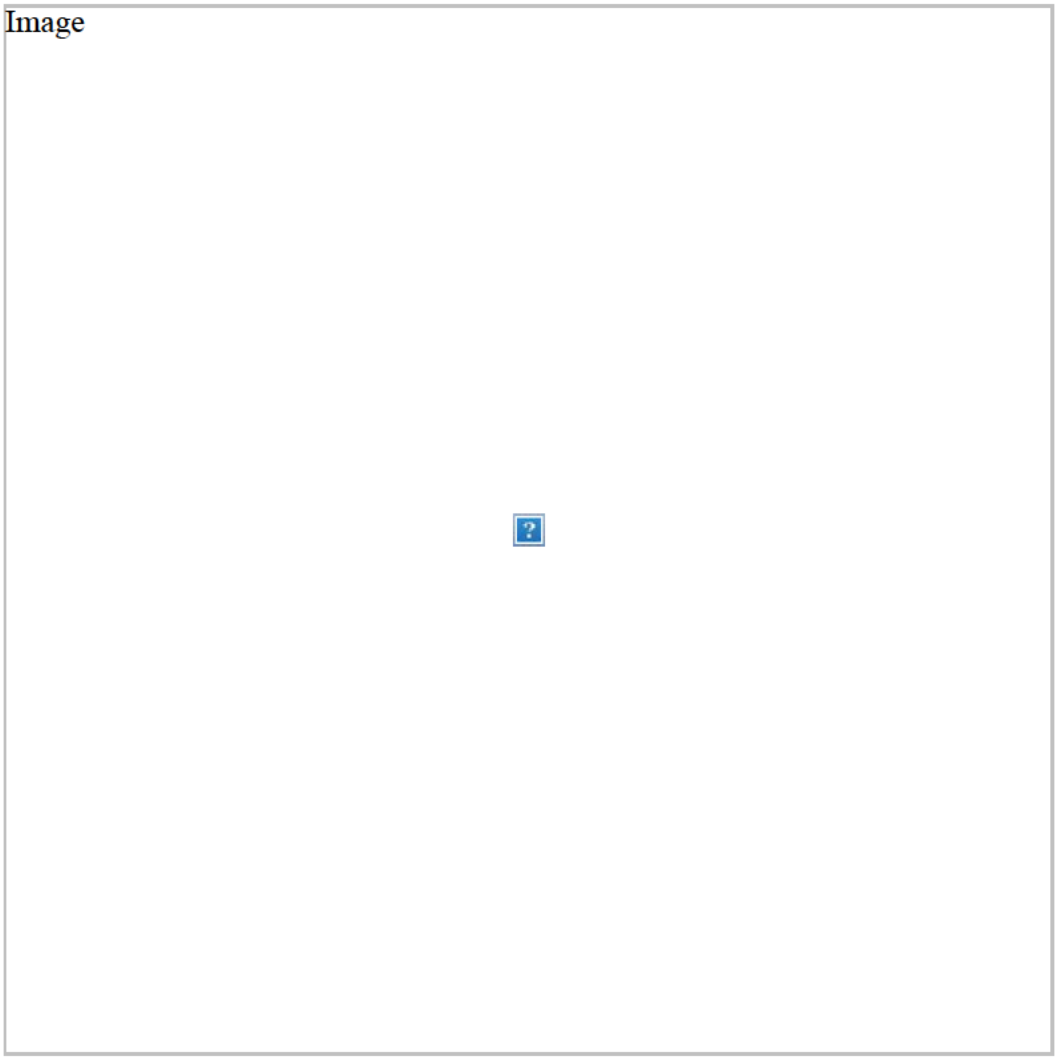
About 56 percent of Mexicans say they believe organized crime is stronger, while only 33 percent say the government is stronger, according to a poll by the Mexican newspaper Reforma.

Mexican authorities were forced on Thursday to release Ovidio Guzmán López, El Chapo’s son, shortly after capturing him, when the Sinaloa cartel laid siege to the city of Culiacán and surrounded Mexican troops, taking eight soldiers hostage. Officials said at least 14 people died during the clashes between cartel members and Mexican soldiers.

49 percent of respondents in the Reforma poll disagreed with the decision to release López, while 45 percent said they supported it. Residents of Culiacán expressed relief that the government had surrendered, saying the decision prevented further violence.

Mexican lawmen get FBI training to combat organized crime, terrorism

Image



JUAREZ, Mexico — Three Chihuahua state lawmen recently completed intelligence and intervention training courses sponsored by the FBI, according to the State Security Commission.

Alvaro Serrano Escobedo, the commission's operations director, received training on anti-terrorism, intelligence

gathering, leadership and the combat of organized crime at FBI headquarters in Quantico, Virginia. The training is part of the FBI's Mexican Law Enforcement Executive Development (MEXLEED) program, the commission said in a news release.

Ginés Jaime Ruiz García, first officer of the Chihuahua State Police, and Jesús Alejandro Cruz Rangel, who heads rural operations for the agency, attended the FBI's Mexican American Liaison and Law Enforcement Training (MALLET) program in South Padre Island, Texas, the commission said.

The three lawmen were among 30 duly vetted Mexican officials chosen by the FBI for training this year, the commission said.

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63 accused drug dealers plead guilty in heroin, fentanyl and cocaine trafficking rings

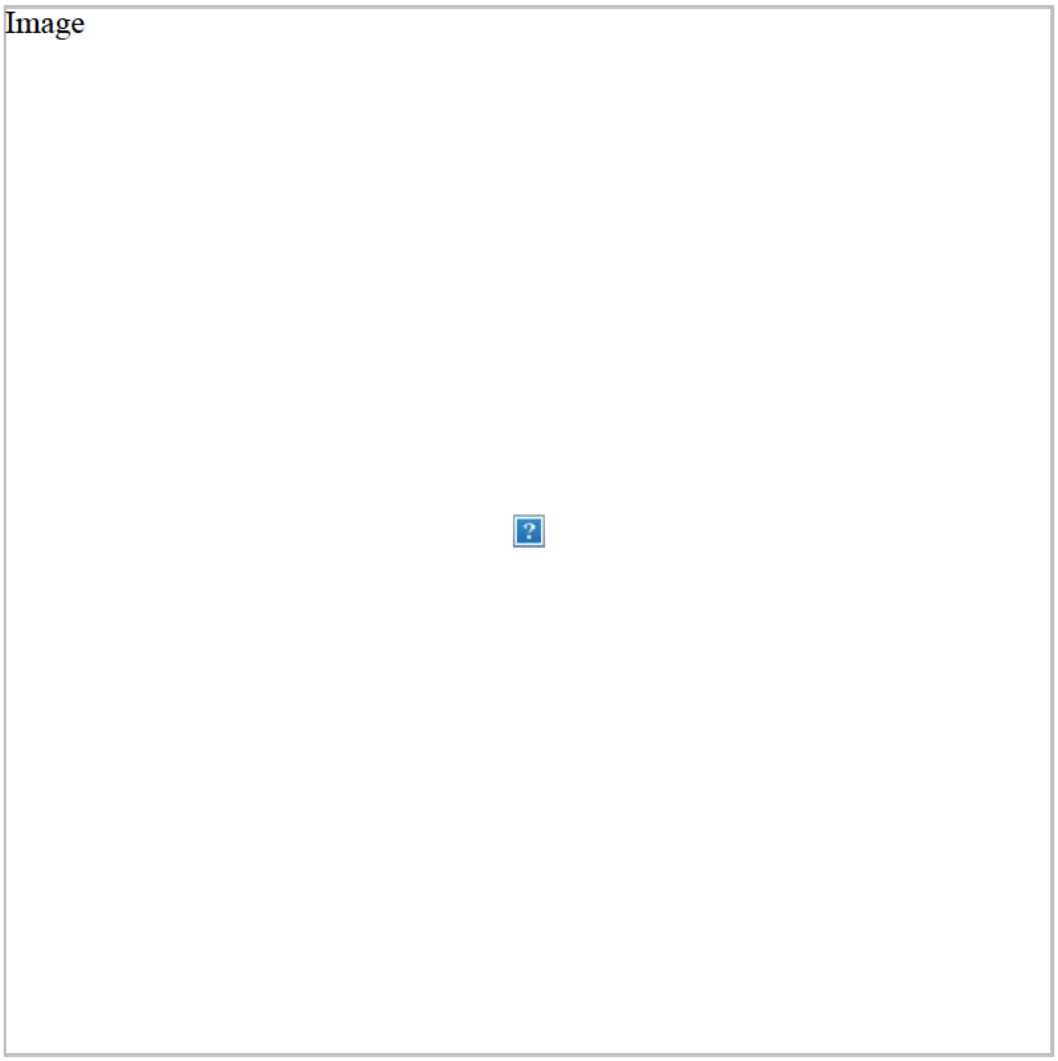
Image

SYRACUSE — New York State Attorney General Letitia James has announced the guilty pleas of 63 people for their roles in two major narcotics trafficking operations that transported heroin, fentanyl, and cocaine to Onondaga, St. Lawrence, Oswego, Oneida, and Jefferson counties.

The investigation resulted in the recovery of approximately 4,700 bags of heroin and fentanyl, worth approximately $140,000, and approximately 2 kilograms of cocaine, worth more than $200,000, according to a news release from the Attorney General's office.

"These individuals flooded our communities with dangerous drugs that are putting New Yorkers at great risk," said Attorney General Letitia James in the news release.

House bill would give border agents tool to detect synthetic opioids



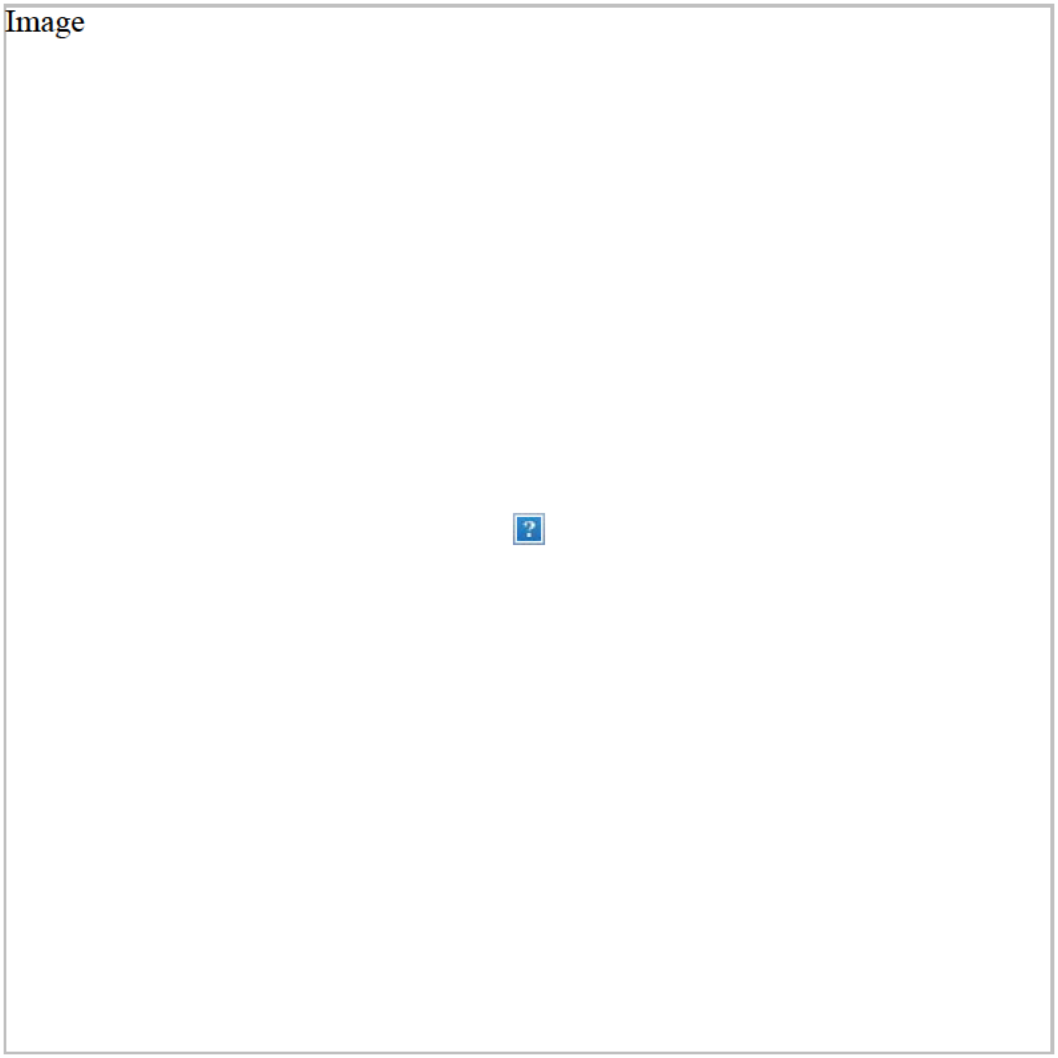
A bill that would give U.S. Customs and Border Protection (CBP) agents the equipment to detect synthetic opioids has been introduced in the U.S. House.

The DHS Opioid Detection Resilience Act of 2019 requires the Commissioner of CBP to procure chemical screening devices that allow border patrol agents to identify narcotics, including synthetic opioids, with purity levels of less than 10 percent. A 2018 study by the Drug Enforcement Administration (DEA) found that most fentanyl seized at the southwest border tends to be less than 10 percent pure. These changes would fill the gap that currently exists in identifying these synthetic opioids.

“Stopping the flow of illegal drugs across our southern border and at ports of entry is a top priority for our CBP law enforcement officers. This includes fentanyl and other synthetic opioids that can be difficult to detect. Our legislation ensures that DHS has the necessary equipment to detect synthetic opioids and the ability to adapt as smuggling methods evolve. We want to prevent this poison from ever reaching American communities, and our bill helps law enforcement carry out that mission,” Rep. Clay Higgins (R-LA), the bill’s sponsor, said.

Teens brawl with police in Brooklyn subway station

Image



BROOKLYN, N.Y. – A video showing members of the NYPD

trying to break up a fight and instead ending up in an all-out brawl with a mob of New Yorkers has gone viral… and media outlets were quick to condemn the cops who were involved.

The Post said that the incident unfolded on Saturday morning around 2:30 a.m. as officers responded to the scene of a fight on the platform of a subway station. The fights had originally began up on Jay Street between two groups of people before the violence spilled down into the station.

Cell phone video captured at the scene shows officers rush into the area and try to pull the brawling teens apart, attempting to put one of the suspects in handcuffs. Other individuals on the outside of the skirmish appear to be pulling the officers away.

The heartbreaking final text this human trafficking victim sent before dying in UK truck

Image

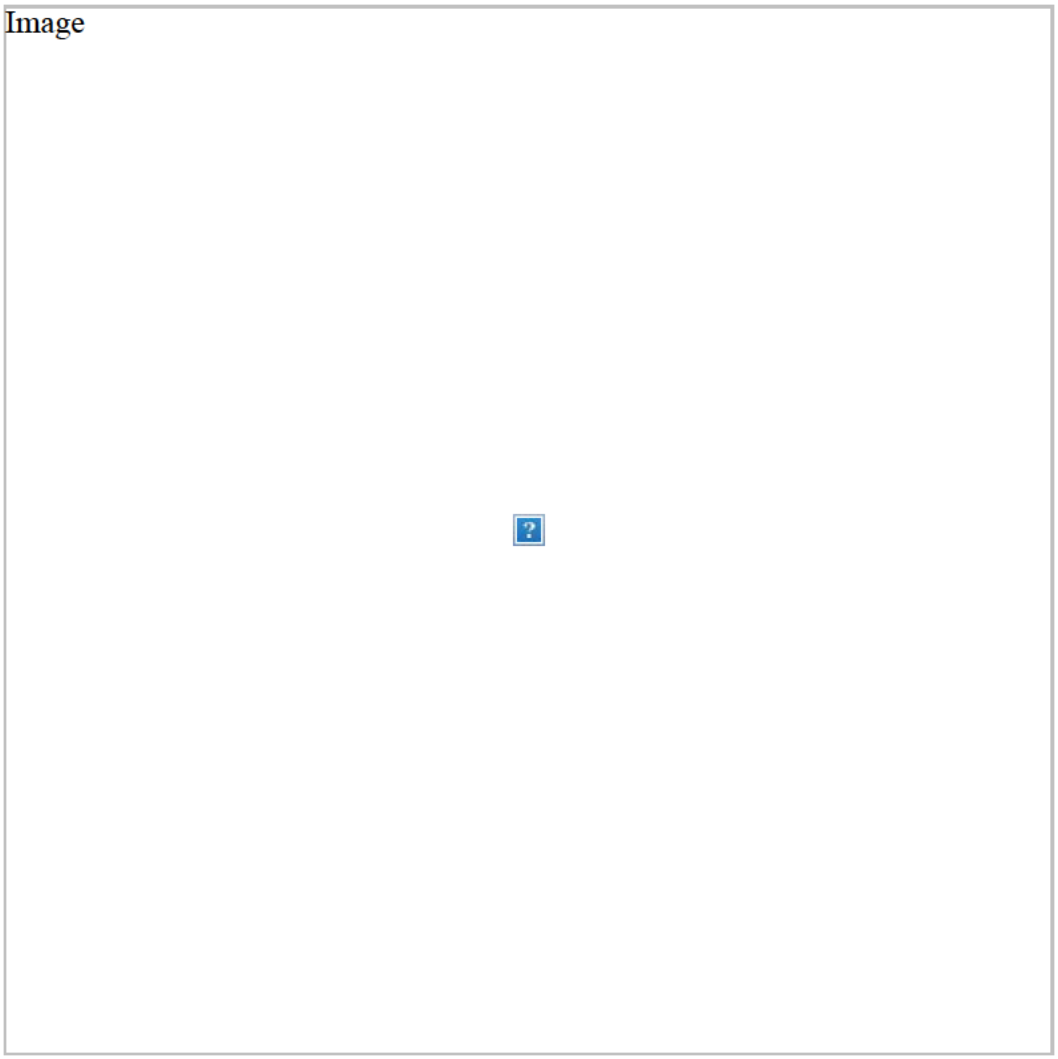
A 26-year-old Vietnamese woman texted her mom frantically that she was suffocating in the truck in which the bodies of 39 people were found in England — and apologized that her journey to a better life ended tragically, according to a report.

“I’m sorry Mom, my path to abroad didn’t succeed,” Pham Thi Tra My wrote in a series of messages about 10:30 p.m. Tuesday, according to the Mirror.

“Mom, I love you and Dad so much! I’m dying because I can’t breathe,” she added.

News about the young woman’s final moments emerged as two more people were arrested after eight women and 31 men were found dead Wednesday in a case that has shocked Britain and made headlines around the world.

Labor Trafficking Is A Crime You Probably Don't Notice



It has been more than four years since Catherine Piedad called 911 from a $1.7 million home in Newton.

In 2015, she worked long hours to care for a Russian family's young twins. Her passport was taken, and she slept in a small room with little light and nowhere to store her clothes. When she asked to be paid, her employer threatened to send her back to the Philippines. She feared deportation and did not know who to trust.

Despite her fear, she called 911. Law enforcement helped her

to leave the family's home but did little else. They did not see her case as "labor trafficking." Instead, the incident was labeled a "labor dispute." Piedad struggled to access her rights — despite the robust federal and state laws designed to protect her.

You've probably heard of sex trafficking, which often involves perpetrators who force, trick or coerce victims into sexual servitude. Although difficult to see, sex trafficking is often visible to law enforcement through the internet: perpetrators sometimes leave a footprint online, which can provide a critical entry point for criminal investigations.

The Mafia's history in Las Vegas: From Bugsy Siegel to Anthony Spilotro

Image

Benjamin “Bugsy” Siegel had been at the helm of the Flamingo for only six months in June 1947 when he was killed in a hail of gunfire at his girlfriend’s Beverly Hills, Calif., home.

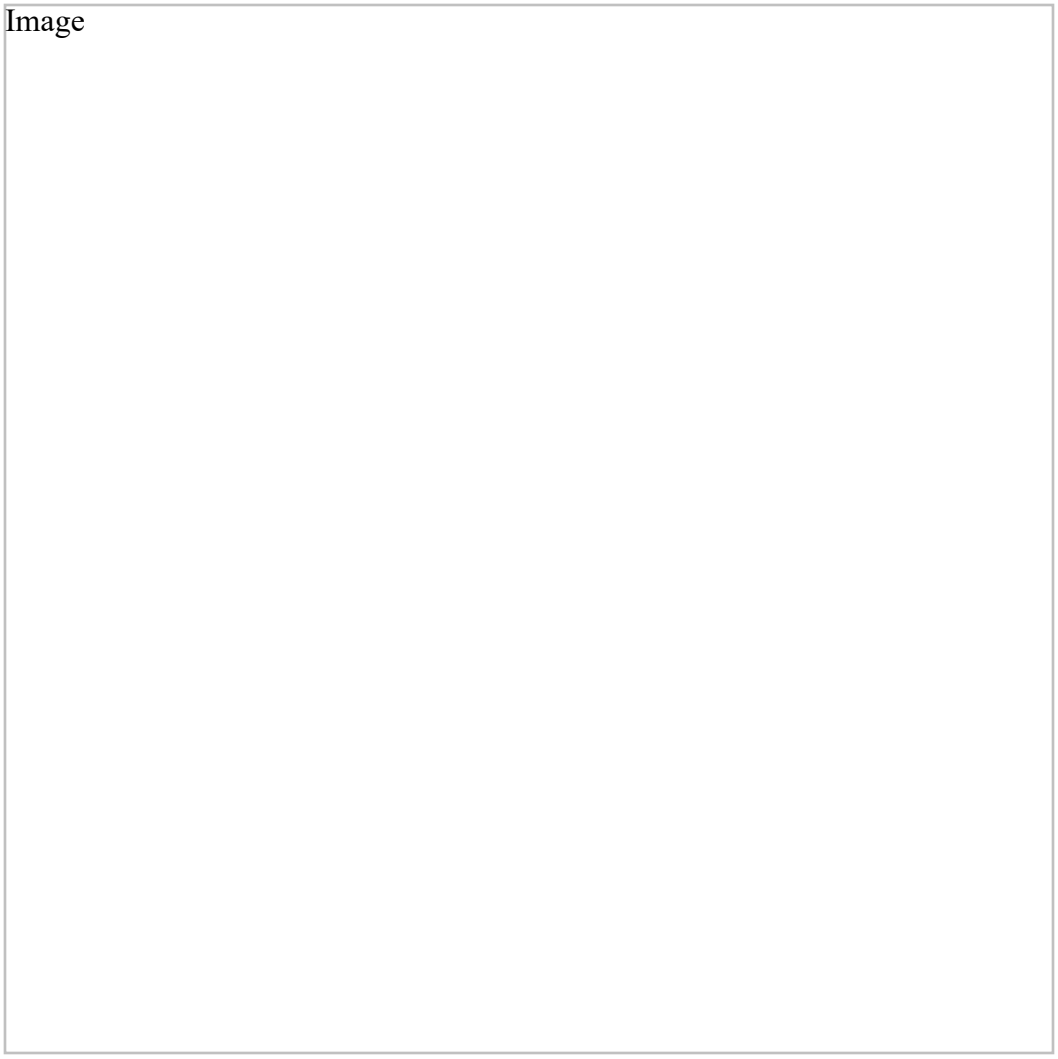
But his vision for the Flamingo, the first resort-style hotel on the Strip, was the beginning of a 50-year relationship between Las Vegas and traditional organized crime that helped define “Sin City”and turn it into one of the world’s top tourist destinations.

“The general perception on the part of the public is that Las Vegas and the mob have been inextricably linked, and I don’t think it will ever be extricated,” former longtime state archivist Guy Rocha says.

Groundbreaking books such as “The Green Felt Jungle” in 1963, which revealed the mob’s early grip on the city, and popular movies such as “The Godfather” in 1972 and “Casino” in 1995 enhanced this perception through the years.

So did the buzz on the Strip over the Rat Pack, led by headliner Frank Sinatra and his associations with high-profile underworld figures.

New Bill To Bring Illegal Gambling In California Closer To An End



Gambling in the US, as well as in the whole world, is one of the most entertaining and lucrative endeavors. Not only does it provide fun and joy to the players, but it also offers an opportunity to make a fortune.

The gambling operators all around the world are doing everything they can to attract new customers. From online free spins for Australians to no deposit bonuses and other promotions in other countries, casino operators are full of such impressive offers.

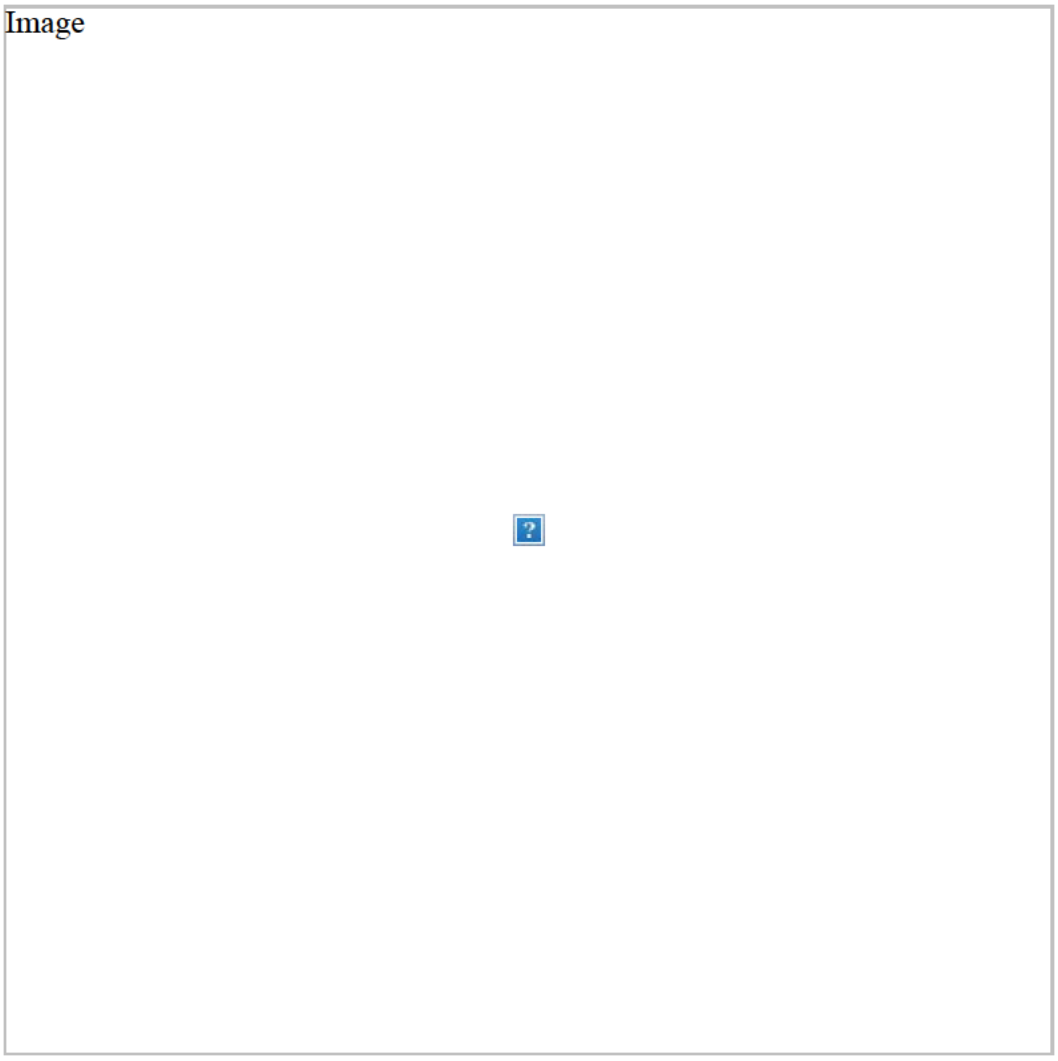
However, the industry isn't just this fairy-tale source of joy and money. It also has its drawbacks. With problem gambling, organized crime, and money laundering prospects, gambling has long been considered threatening to society.

That's the reason why the US government, alongside other

governments worldwide, have been eager to put the industry under the limitations and protect the interests of their citizens. With the regulatory restrictions and measures, the government officials have deemed ill-gotten gains illegal and contributed to ending gambling-related crime.

Best true-crime books of all time

Image

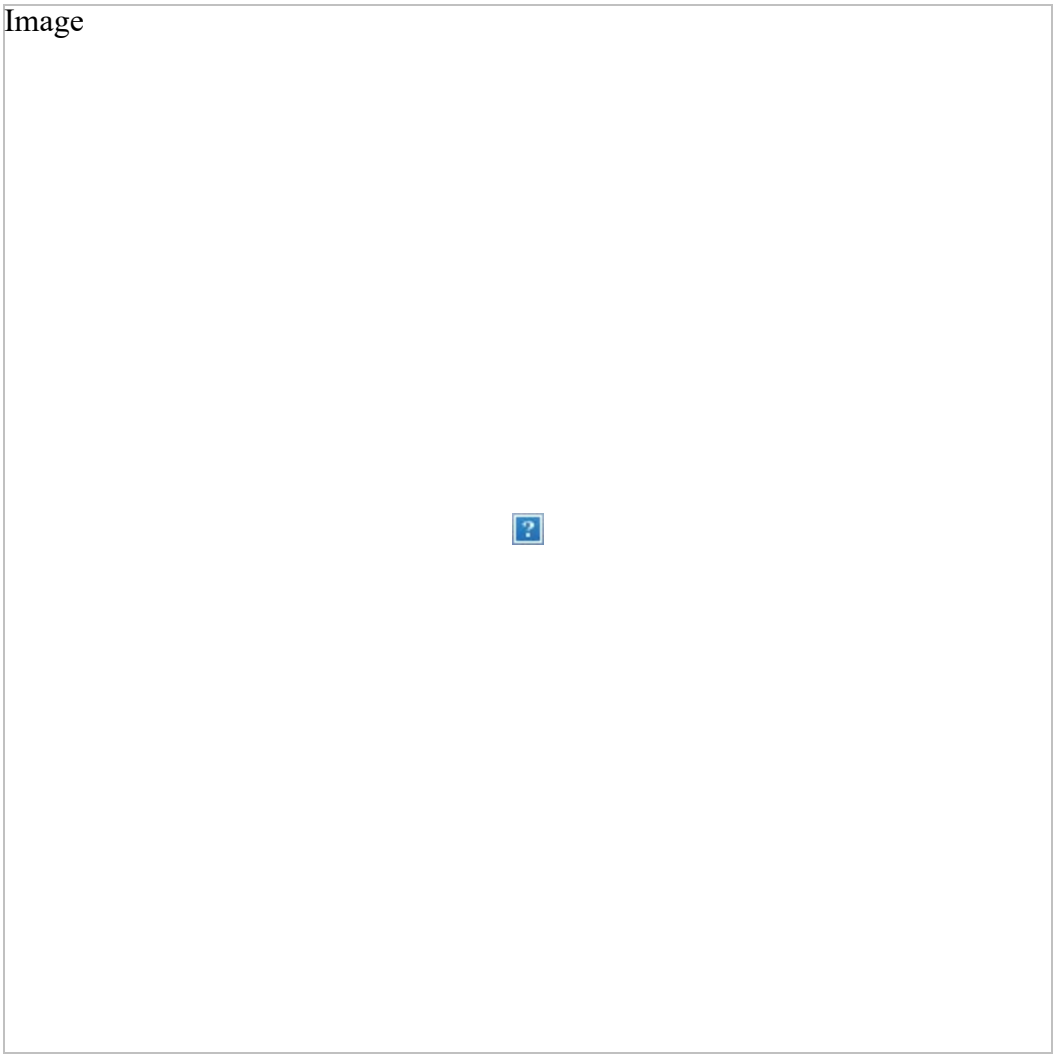


Terrifying tales are not the domain of fiction alone. If you are in search of bone-chilling scares, we recommend you turn to true crime. The key word being true. That's right, no imagination needed. Including stories about such horrific figures as Charles Manson and Ted Bundy, Goodreads compiled a list of the top 10 true-crime books

of all time based on the lists, reviews and ratings of their more than 90 million members.
AP

How a Facebook Crime Page Led to Arrest of N.C. Woman in Cold Case Killing of Sister-in-Law

Image



A Facebook page devoted to the murdered, missing or miscreant residents of western North Carolina is being credited with helping authorities bring charges in the 15-year-old cold-case killing of a missing mom of four, allegedly at the hands of her sister-in-law.

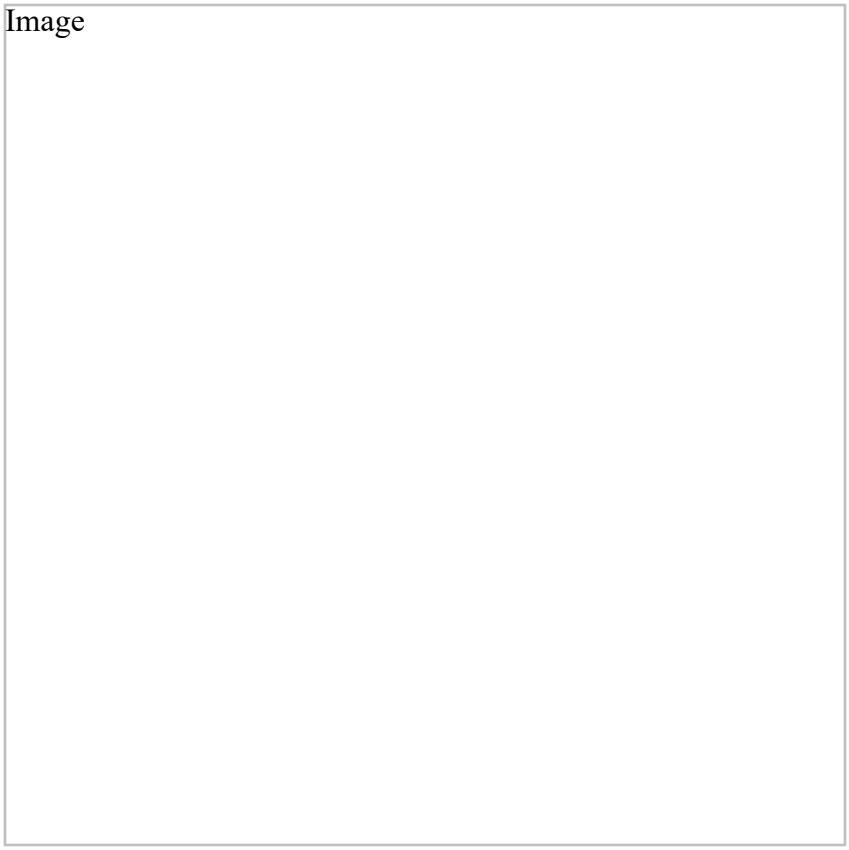
The tip that led authorities to a “shallow grave” containing the remains believed to be those of 29-year-old Deborah Elaine Deans “proved to be very accurate and very reliable,” Nash County Sheriff Keith Stone told reporters last week.

But the tipster did not go to police at first.

Instead, the unidentified person sent information about the alleged crime to a woman who created and runs a Facebook page called Fighting Crime News and Who’s Wanted, an online outlet whose updates range from wanted posters to promotions of local elections and warnings about traffic tie-ups.

On October 20, a re-post about the unsolved missing-person case of Deans — who was last seen around 9 a.m. on January 19, 2004, at a residence on Wiley Road in Spring Hope — elicited a “very detailed” response that was forwarded to authorities by the Facebook page creator, said Nash.

Google Maps Adds ability to see speed limits and speed traps in 40+ countries



Google Maps is gaining some features previously exclusive to Google's navigation app, Waze. The company confirmed it's rolling out the ability for Google Maps users to see speed limits, speed cameras and mobile speed cameras in more than 40 countries worldwide — an expansion of its earlier launch of these features, which were previously limited to select markets.

The change was noted earlier by ZDNet and, of course, Reddit.

Google confirmed with TechCrunch the full list of supported countries now seeing the speed cameras, which currently includes: Australia, Brazil, U.S., Canada, U.K., India, Mexico, Russia, Japan, Andorra, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, Estonia, Finland, Greece, Hungary, Iceland, Israel, Italy, Jordan, Kuwait, Latvia, Lithuania, Malta, Morocco, Namibia, Netherlands, Norway, Oman, Poland, Portugal, Qatar, Romania, Saudi Arabia, Serbia, Slovakia, South Africa, Spain, Sweden, Tunisia, and Zimbabwe.

The Ethics Board of One of the Largest Vendors of Police Tech (Axon) Makes the Case Against ALPRs

Image

Automated License Plate Readers (ALPRs)—a mass surveillance technology that allows law enforcement to record the location and travel patterns of nearly every driver on the road—are poorly regulated, threaten privacy, and worsen the racial and economic inequalities already ingrained in our justice system.

That's what EFF and other advocates have been saying for years. But now it's coming from an oversight body formed by one of the nation's largest police tech vendors.

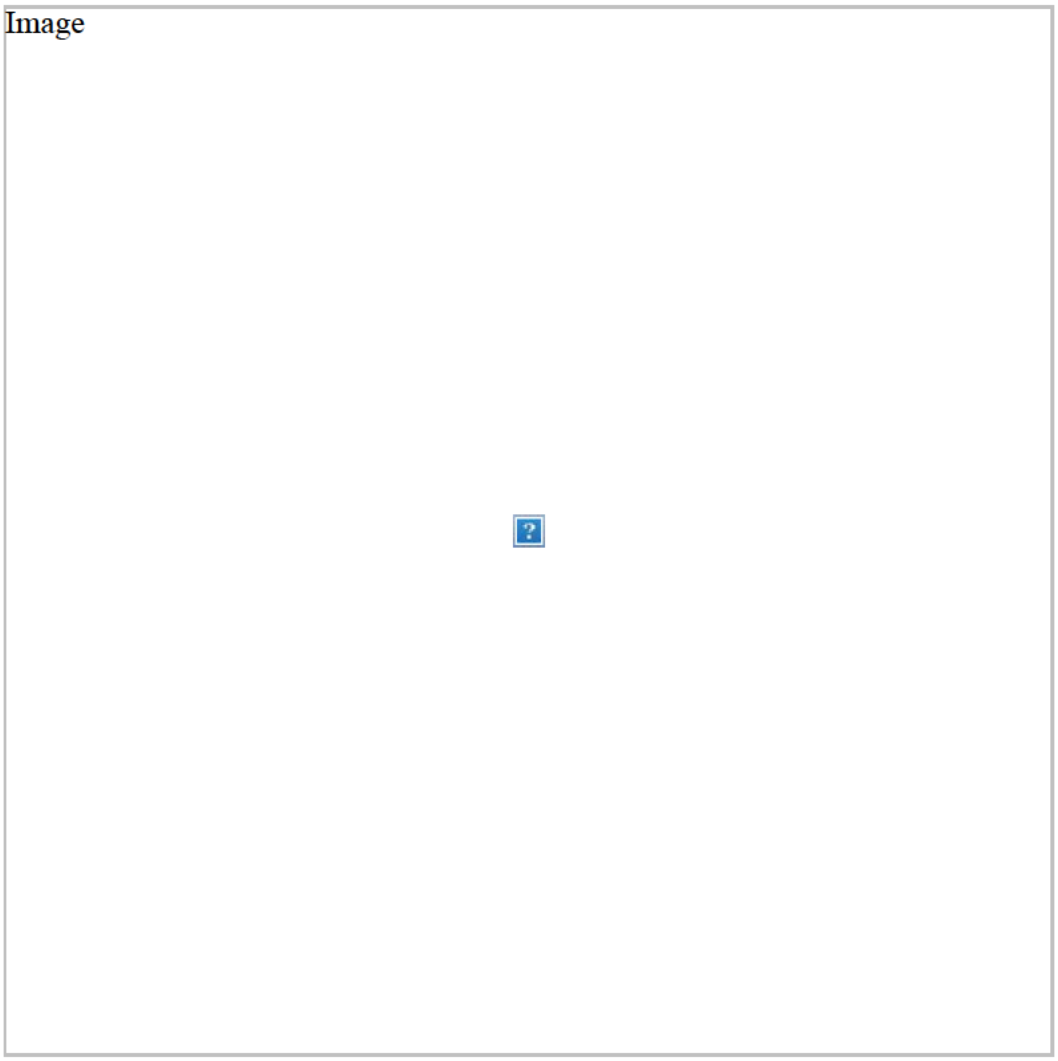
Last week, the AI and Policing Technology Ethics Board at

Axon, a tech company best known for popularizing body-worn cameras and the Taser, released a damning report concerning the commercial sale of ALPRs. The board, whose purpose is to “help guide and advise the company on ethical issues,” concluded that while it sees the potential value of ALPRs, their current role in society is too broad and problematic. The sheer amount of information that ALPRs gather and store was also a concern for the ethics board—particularly when privately collected data is often for sale to whoever wants to buy it.

ALPR systems include cameras that can be mounted on vehicles like police patrol cars or private tow trucks, or on stationary locations such as streetlights or overpasses. These cameras capture every license plate that passes and index them based on time, date, and location. A police officer can search ALPR databases to learn where a vehicle was in the past or even get real-time alerts when a driver passes by an ALPR camera. Research by EFF, MuckRock, and others have found that even small police departments are able to collect millions of plate scans a year, and often agencies are sharing this data with hundreds of other agencies across the country. Private companies also use ALPR and sell their data to police, financial lenders, insurance companies, private investigators, and debt collectors.

Amazon's Ring is 'the Neighborhood Watch of 2020,' police say as doorbell cams proliferate

Image



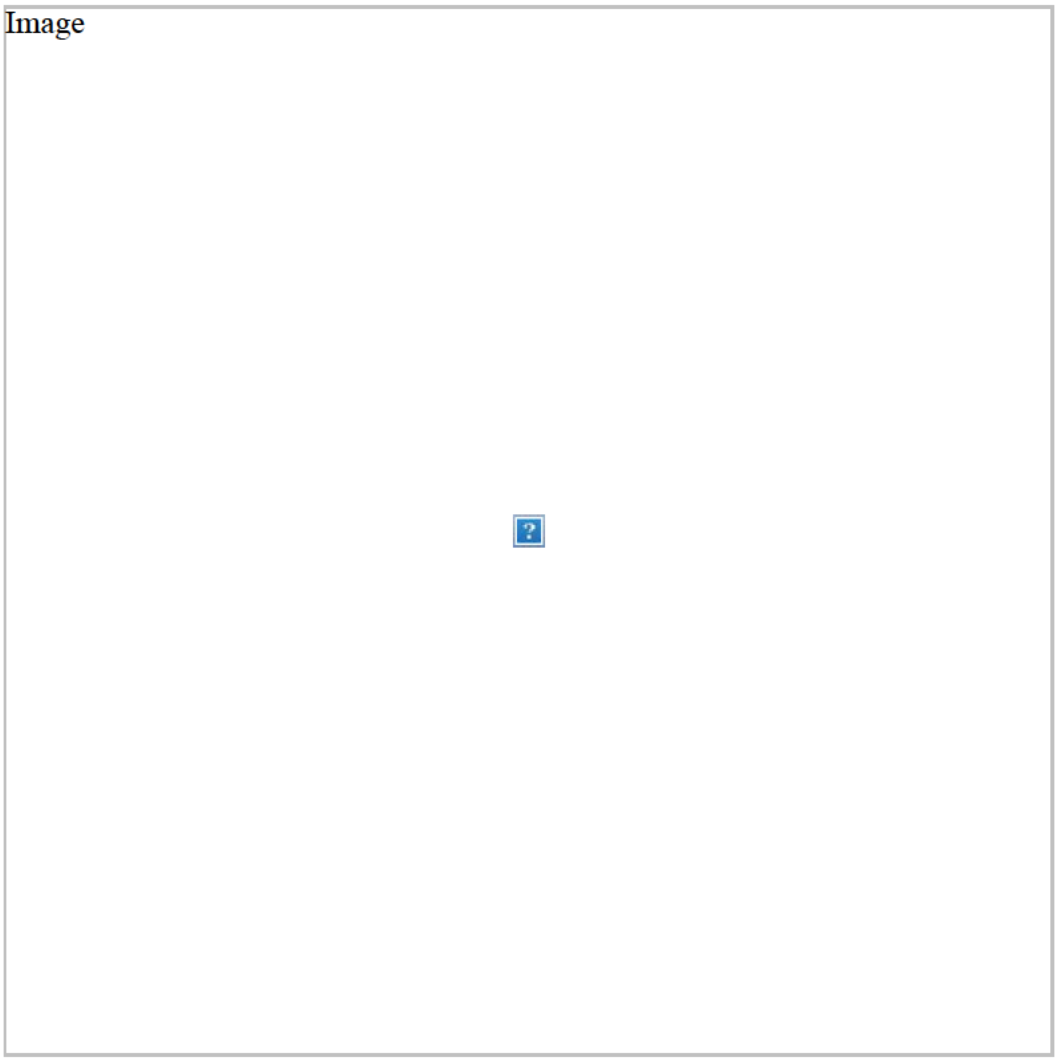
That's all it took Livonia Police to arrest a man, who hours earlier was caught on video posted on Ring's Neighbors app rummaging through the bed of a pickup parked in a driveway.

Detectives quickly recognized 60-year-old Jeffrey Couch when they saw the video posted by an app user in mid-August. Within a week, he pleaded no contest in court to two attempted larceny charges and was sentenced to 30 days in jail.

"I truly believe this is the Neighborhood Watch of 2020," said Livonia Police Capt. Ronald Taig, whose force was one of the first law enforcement agencies in Michigan — and is one of more than 400 across the country — to partner with the Ring Neighbors app, owned by Amazon.

How the deadly drug fentanyl is making its way to the US

Image



Trump administration officials are divided over part of a proposal to crack down on illicit versions of fentanyl, the deadly synthetic painkiller that President Donald Trump targeted in declaring a national opioid abuse emergency.

In an inter-agency dispute that highlights the challenges of curbing opioid abuse, the US Drug Enforcement Administration (DEA) is publicly backing tighter rules for fentanyl analogs, which are slightly altered copycat versions of the powerful drug fueling an explosion in overdoses.

In this case, the bill would cut the Food and Drug Administration out of the time-consuming review process by

letting the DEA permanently classify illicit fentanyl analogs as Schedule I drugs, like heroin, which are deemed to be addictive with no medical use.

The DEA says these legal changes would help prosecutors keep pace with criminals who constantly churn out chemically tweaked fentanyl analogs to evade strict Schedule I regulations.

Of 70,200 US drug overdose deaths in 2017, according to the CDC, about 41% involved synthetic opioids, such as fentanyl and illicit analogs of it. Most of them are made in China.

Fentanyl, some versions of which are approved to treat cancer pain, is 100 times more potent than morphine.

Trump Orders Study of Root Causes of Crime, Policing Practices

Image

President Trump on Monday ordered Attorney General William Barr to establish a new commission to study crime and law enforcement with the goal of recommending “actions that can be taken to prevent, reduce, and control crime, increase respect for the law, and assist victims.”

Following remarks in Chicago at the annual International Association of Chiefs of Police conference, the president signed an executive order establishing the Commission on Law Enforcement and the Administration of Justice. The commission will study the influence of substance abuse, homelessness and mental illness on crime as well as examine best practices to recruit, train and support law enforcement, among other things.

“Rigorous study of crime, including its causal factors, and current law enforcement practices is essential to assessing our

current criminal justice system's merits and opportunities for improvement," the executive order stated. "Public safety and proper policing are issues of both national and local significance that continue to require the close cooperation and coordination between the Department of Justice and state, local, and tribal law enforcement."

Quality Afterschool Programs Proven to Reduce Crime

Image



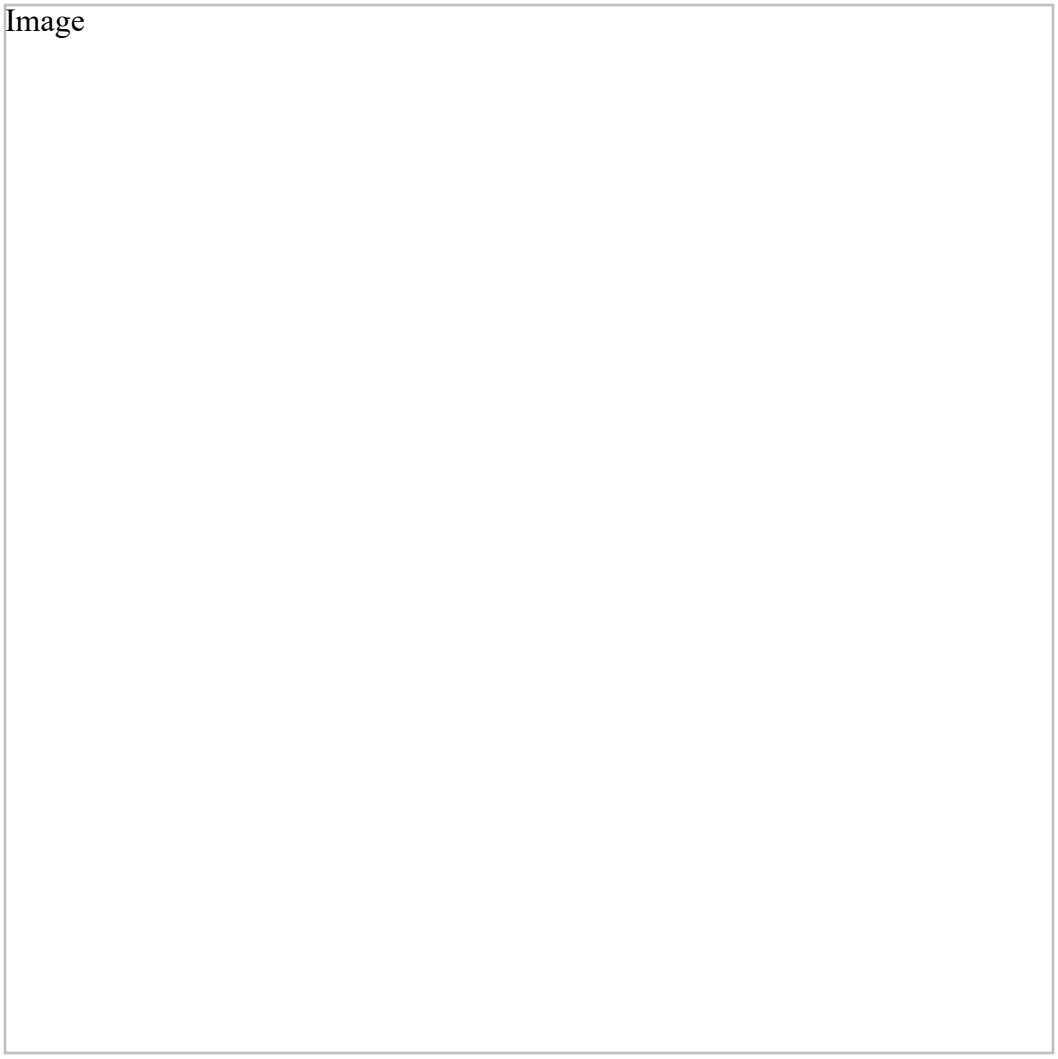
As a member of your District Attorney's Office for almost 30 years, and your DA for nearly 10, I've learned that the hours after school lets out are the prime time for juvenile crime.

It is between these hours of 2 to 6 p.m. that youth are more likely to be arrested for assault, theft and drug-related crimes.

Quality afterschool programs have been proven to reduce these crimes in our community, keep students engaged, and improve academic performance and student behavior.

A new report from Fight Crime: Invest in Kids shows that when youth have access to high-quality, affordable afterschool programming, they benefit immensely from homework help and outdoor activities, and they're less likely to commit or become victims of crime.

Australia's government is floating an idea to scan internet users' faces before they can watch porn online



Australia's Department of Home Affairs has touted an idea to use facial recognition software in order to verify internet users ages before they can access pornography or gambling websites.

In its parliamentary submission, the department says that its Document Verification Service and Face Verification Service — though broadly intended to be used as systems for fighting crime and identity theft — could also be used by police for age verification controls.

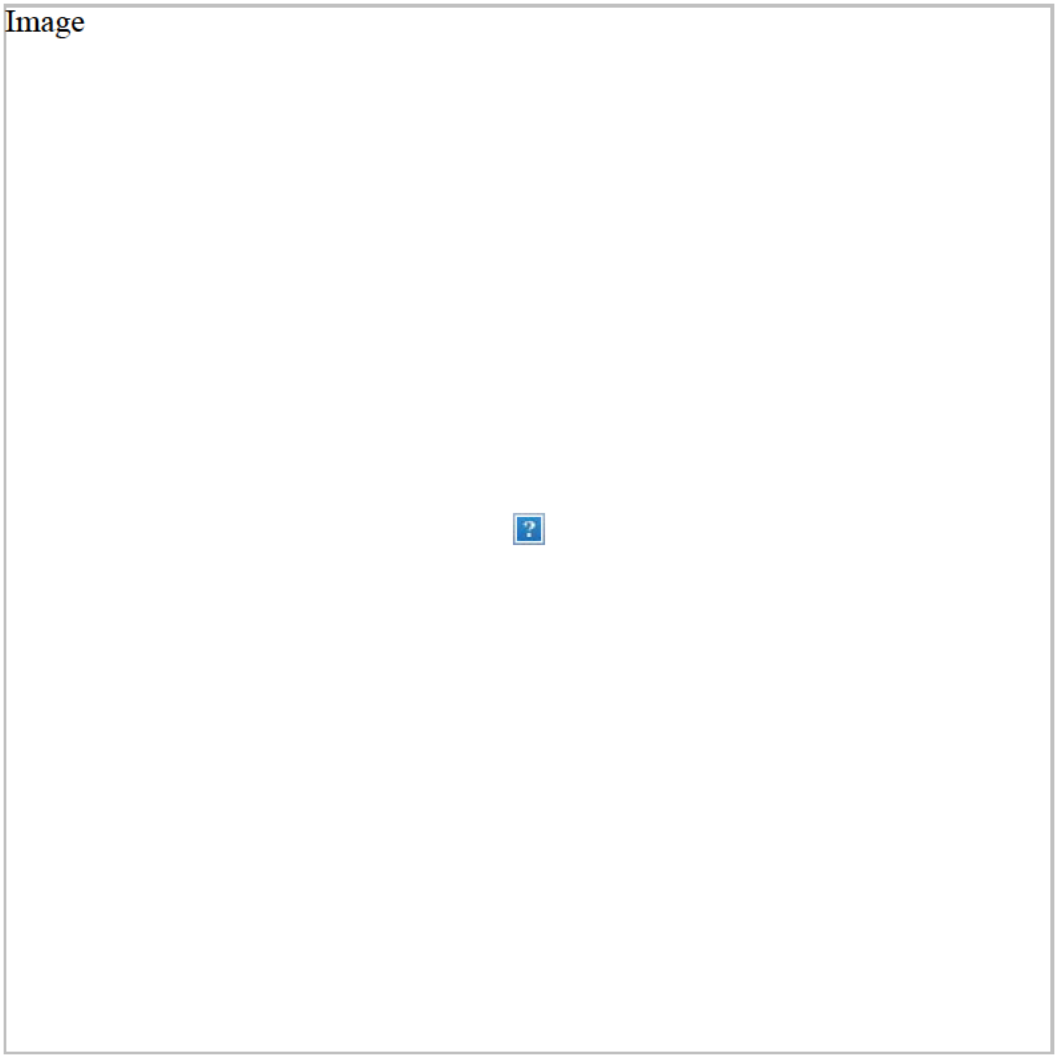
"This could assist in age verification, for example by preventing a minor from using their parent's driver licence to circumvent age verification controls," the submission states.

"Whilst they are primarily designed to prevent identity crime, Home Affairs would support the increased use of the

Document and Face Verification Services across the Australian economy to strengthen age verification processes."

Police turn to hackers in Australia's first crowdsourced attempt to find missing people

Image



For decades the traditional 'missing person' poster has been used to enlist the community's help to find individuals who may be in danger.

But with more than 2,600 Australians now listed as a "long-term" disappearance, the federal police are trying what they hope will be a more successful tactic: turning the search into a

game.

More than 350 internet sleuths and "ethical hackers" — hobbyists and professionals — gathered at 10 locations around the country on Friday in a national missing-persons "hackathon".

The aim was to generate leads for 12 of Australia's most frustrating cold cases, using sophisticated but legal methods of trawling the internet.

And organisers said the results were astounding: 100 leads were generated every 10 minutes the competing teams worked.

Police overseas have used crowdsourcing in the past for help with isolated cases, aided by these largely voluntary "open-source intelligence" (OSINT) enthusiasts.

But Linda Cavanagh, of the Canberra Cyber Security Innovation Node, said the Australian event was the first of its kind to be deployed on a national scale.

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10 of the Best Tools to Find Relevant Influencers on Social Media

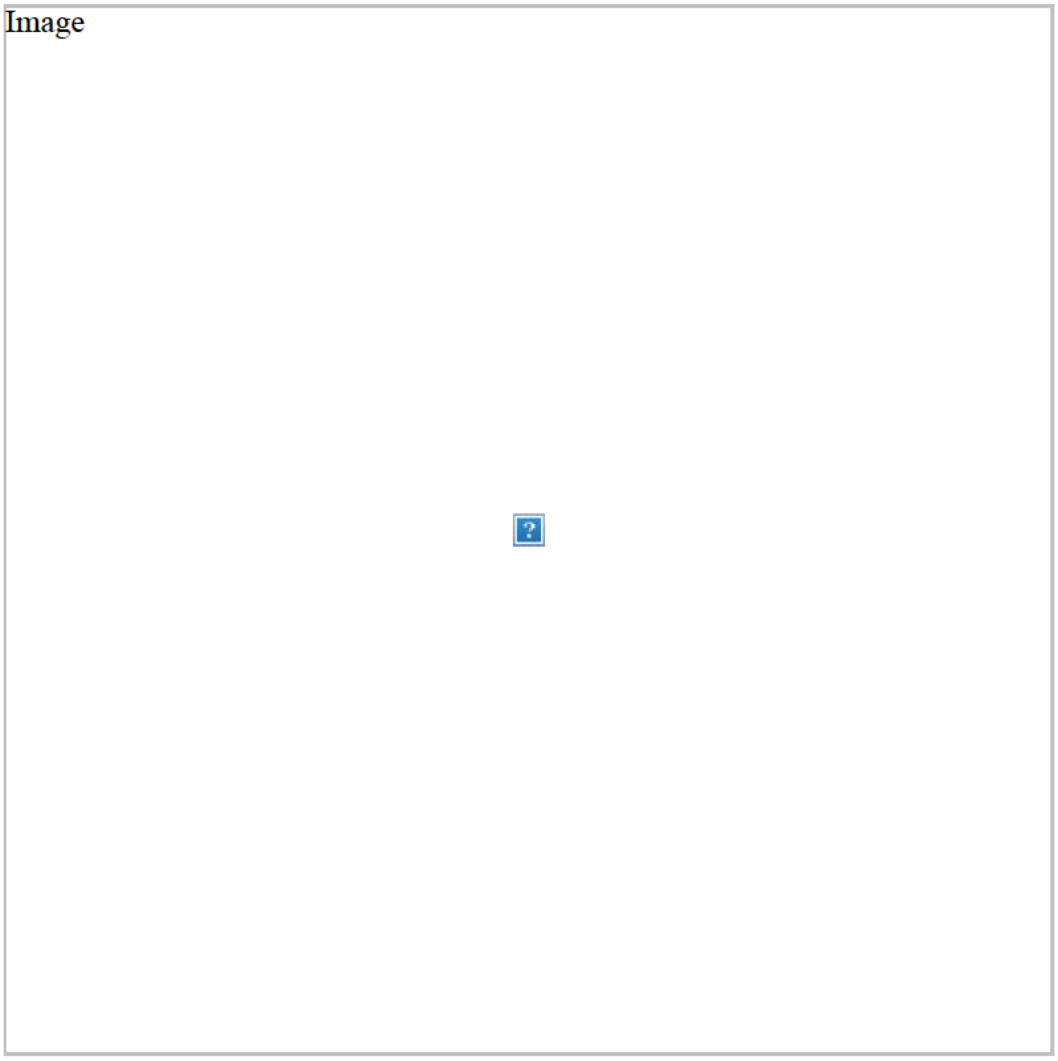
Image

While it's become a much bigger consideration in recent years, influencer marketing, as a practice, has actually existed for a very long time. In the past, however, influencers were only on TV or in magazines, and unlike social media, TV and newspapers are limited, which led to a situation where a select number of celebrities were able to charge tons of money for making an ad for Pepsi or Swatch in order to influence consumer behavior.

With the birth of social platforms, everything changed. The Internet has no limits, there can be as many influencers as the world requires. They can be of any age and social status, and in any area of expertise (or no area of expertise). And they can work with any brand.

How Your Volunteering Trip Could Contribute To Human Trafficking

Image



The advent of cheap air travel and Instragammable holiday photos, combined with a longing for meaning, has created a new breed of traveler: the voluntourist. This ever-growing trend describes people, most often young and affluent Westerners, who travel to the global South to help with community projects.

While no doubt sweetly intentioned, there is considerable concern over the fad of “voluntourism” and whether it does more harm than good for the communities in developing countries – especially when it involves children or work at an orphanage. On the surface of the problem, it’s questionable whether treating the developing world as a playground is an effective model to address systemic poverty and care for vulnerable children.

An anthropological study published in the Journal of Sustainable Tourism has shown how volunteer programs can actually contribute towards a superficial understanding of poverty that distracts from the larger systems that produce inequality and poverty. Through a series of in-depth interviews with young people from the US who volunteered in Malawi, they found their volunteer work was often carried out through a colonial and “mythologized” image of a helpless Africa needing the benevolence of the West. The volunteers also viewed African poverty in terms of the “American Dream” and the idea of pulling oneself out of poverty through hard work, as opposed to deep-rooted economic, social, and historical factors at play.



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Taking place December 9-11, 2019, POLICE Technology eXchange, (PTX) brings together senior-level IT, Communications and Technology decision-makers face-to-face with leading law enforcement technology suppliers. **This intimate networking opportunity is at no cost* to police agencies for qualified police agency buyers of IT and other technology**.

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From: POLICE Technology eXchange
To: Harvey, Michael (POL)
Subject: There's still time to throw your hat in the ring
Date: Wednesday, September 25, 2019 5:01:38 PM

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From: Government Fleet Top News
To: Brenner, Karl (POL)
Subject: Top News & Articles of the Week
Date: Friday, November 1, 2019 12:05:00 PM

Nov 1, 2019

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Bill Requires Police Fleets to Install Safety Tech

The Protecting Roadside First Responders Act would require federal law enforcement vehicles to be equipped with safety technology and digital alert capabilities.

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From: Paquette, Brian (POL)
To: Roy, Matthew (POL)
Subject: Traffic Safety Resource Prosecutor
Date: Tuesday, January 22, 2019 2:16:57 PM
Attachments: Andrea Nardone-Proposal.doc

Hi Major,

Please see the attached ***Traffic Safety Resource Prosecutor*** proposal from 2017, prepared by Atty. Andrea Nardone.

Thanks,
Brian

Tpr. Brian Paquette
Massachusetts State Police
340 West Brookfield Road
New Braintree, MA 01531
Email: Brian.paquette@massmail.state.ma.us
Office 508-867-1185
Main 508-867-1000

From: McCarthy, Michael F (POL)
To: stephen.romano@pd.boston.gov
Subject: TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf
Date: Tuesday, October 1, 2019 5:45:39 PM
Attachments: TRF-11 Automatic License Plate Recognition Revised 10-1-2019 with highlights.pdf
ATT00001.txt

From: Tapis, Stephen C (POL)
To: Quinn, Dermot (POL)
Cc: Losardo, Donna (POL); England, Kara (POL)
Subject: TRF-11 Draft
Date: Monday, September 30, 2019 12:56:34 PM
Attachments: TRF-11 Automatic License Plate Recognition Revised October 2019 DRAFT with highlights.pdf

---

Lt. Colonel Quinn-

Per your request, please find attached the Draft TRF-11.

Respectfully-

Trooper Stephen Tapis #3888
Massachusetts State Police
Strategic Planning Section
470 Worcester Road
Framingham, MA 01702
(508) 820-2309

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From: Tapis, Stephen C (POL)
To: Mason, Christopher (POL)
Cc: Range, Scott (POL); Quinn, Dermot (POL); Losardo, Donna (POL); England, Kara (POL)
Subject: TRF-11 Draft
Date: Monday, September 30, 2019 2:44:23 PM
Attachments: TRF-11 Automatic License Plate Recognition Revised September 30 2019.doc

---

Deputy Mason-

Please find attached the Draft TRF-11 for review.

Respectfully-

Trooper Stephen Tapis #3888
Massachusetts State Police
Strategic Planning Section
470 Worcester Road
Framingham, MA 01702
(508) 820-2309

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From: England, Kara (POL)
To: Quinn, Dermot (POL)
Subject: TRF-11 editable word doc
Date: Thursday, September 5, 2019 11:50:00 AM
Attachments: TRF-11 Automatic License Plate Recognition editable DRAFT.DOC

Sir,

Per your request, please see attached TRF 11 word doc for editing

Respectfully,

Kara M. England
Lieutenant
Commander, Office of Strategic Planning
Massachusetts State Police
470 Worcester Road
Framingham, MA 01701
Tel: 508-988-7439

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From: Range, Scott (POL)
To: Stelmat, Jason (POL)
Cc: Dermot Quinn (dermot.quinn@massmail.state.ma.us); Gawron, Stephen (POL); Brooks, Brian (POL)
Subject: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Wednesday, September 4, 2019 5:57:00 PM
Attachments: TRF-11 Automatic License Plate Recognition Revised 6-14-2018.pdf

---

Jason,

As discussed, the existing TRF-11 is attached in a PDF format. Lt. Brooks will have someone try to un-PDF it now and then email it back to this group.

On Thursday, please mark up a new TRF-11 DRAFT with the suggested changes that are needed to comply with the template pursuant to the new DHS HSGP Grant Requirements. Then send that document back to this group on Thursday so Lt. Col. Quinn can work with GHQ to try and get TRF-11 fully updated prior to the end of this month to comply.

Thank again for your work on this. We appreciate it.

From: Pinkes, William (POL)
To: England, Kara (POL)
Subject: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements
Date: Friday, September 27, 2019 6:25:18 AM
Attachments: image001.png
image002.png

Good morning Kara,

I failed to answer the most basic of questions, which is that the draft LPR policy meets all of the criteria for Accreditation.

Bill Pinkes
Accreditation Manager
Massachusetts State Police
470 Worcester Road
Framingham, MA 01702
508-808-3448

From: Pinkes, William (POL)
Sent: Thursday, September 26, 2019 11:59 AM
To: England, Kara (POL) <kara.england@pol.state.ma.us>
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Kara,

It is minor, but in Paragraph 1, a redundant use of "the" should be struck, it is not consistent with how the Department is addressed in MGL. I have provided a highlighted strike through on the attached Word document.

I would suggest a clarification be made to the "manual entries" section. When assigned to the Watch Center, we began to cull the lists and found that members would put information in, but were failing to remove same at the conclusion of their investigation and/or critical event. Identifying who is responsible for the removal of the data allows the Department to assign a level of accountability, whereas if it is left open-ended everyone assumes someone else will do it.

Under policy review, I would suggest striking the non-bulleted paragraph beginning with "As the use of technology progresses……" An ongoing policy review is a goal of the Department and policies should be under constant review by the Division to which said policies are assigned, with a minimum of annual review.

Just some thoughts that I am sharing with you, not the group as I will defer to you if you wish to bring them to the greater group.

Bill

Bill Pinkes
Accreditation Manager
Massachusetts State Police
470 Worcester Road
Framingham, MA 01702
508-808-3448

From: England, Kara (POL) <kara.england@pol.state.ma.us>
Sent: Thursday, September 26, 2019 11:01 AM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Range, Scott (POL) <scott.range@pol.state.ma.us>
Cc: Mason, Christopher (POL) <Chris.Mason@pol.state.ma.us>; Tapis, Stephen C (POL) <Stephen.C.Tapis@pol.state.ma.us>; Pinkes, William (POL) <william.pinkes@pol.state.ma.us>; Halpin, Michael (POL) <michael.halpin@pol.state.ma.us>; Farrell, Sean (POL) <sean.farrell@pol.state.ma.us>
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Morning,

As you are probably aware, the Department is in the process of ensuring that our policies meet Accreditation standards. Please find attached a pdf of Accreditation standards relative to LPR (along with the attached word doc of the revised TRF-11 DRAFT that has been circulating.)

As part of the Fusion Center's revisions to ensure policy compliance with BJA LPR Policy Template (as reflected in attached revised DRAFT), before finalizing the draft for promulgation, the Department would like you to take this opportunity to incorporate the language the Fusion Center deems appropriate for the MSP to be in compliance with Accreditation standards as well.

Respectfully,
KME

From: England, Kara (POL)
Sent: Wednesday, September 18, 2019 10:05 AM
To: Quinn, Dermot (POL); Halpin, Michael (POL); Farrell, Sean (POL)
Cc: Mason, Christopher (POL); Range, Scott (POL); Tapis, Stephen C (POL)

Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Morning,

Please see the attached draft. It incorporates some very minor changes (which have been tracked and can be accepted or not.)

There is one change that I did not want to make without consultation –

- On page 6, "Security" section, first bullet: should the first sentence read "The Department will operate *the ALPR system* in a secure facility protected from external intrusion and will utilize secure internal and external safeguards against network intrusions."?

Also, as you may have discovered, the formatting of these word documents can be very quirky, so when all revisions have been finalized and the document is ready for promulgation, Trooper Tapis and I will do the final formatting.

Respectfully,
KME

From: Quinn, Dermot (POL)
Sent: Tuesday, September 17, 2019 6:50 PM
To: Halpin, Michael (POL); Farrell, Sean (POL); England, Kara (POL); Tapis, Stephen C (POL)
Cc: Mason, Christopher (POL); Range, Scott (POL)
Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good Evening All,

The Fusion Center needs to be in compliance with three new requirements from DHS to continue to be eligible for HSGF. The first is an MOU between the CFC and DHS. Major Range and his team have already submitted our proposal to DHS for comments. Second, a facial recognition SOP is required and a draft of that document has been submitted to Legal Section for comment. Lastly, an LPR policy that incorporates elements from the BJA LPR Policy Template is required. This email addresses that issue. Attached please find an edited version of the existing MSP ALPR Policy (TRF-11). The edits that have been prepared by Major Range and his team incorporate the required elements from the BJA template required by DHS (See attached BJA LPR Policy Template). We are very open to editing, including grammar and style, and obviously any guidance on legal issues that our edits may present.

Please keep in mind that these are requirements are from DHS, and placed on the CFC in order to continue to receive Homeland Security Grant Funding. HSGF provides the MSP the financial resources to keep the CFC operating. We appreciate your attention to this matter as we need to have this in place by the end of the month.

Respectfully,

Lieutenant Colonel Dermot J. Quinn #1765
Division Commander

Division of Homeland Security & Preparedness
Massachusetts State Police

From: Range, Scott (POL) <scott.range@pol.state.ma.us>
Sent: Tuesday, September 17, 2019 6:23 PM
To: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>
Subject: Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Sent from my iPhone

Begin forwarded message:

> **From:** "Range, Scott (POL)" <scott.range@pol.state.ma.us>
> **Date:** September 9, 2019 at 6:23:30 PM EDT
> **To:** "Dermot Quinn (dermot.quinn@massmail.state.ma.us)" <dermot.quinn@massmail.state.ma.us>
> **Cc:** "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Warren, Rosemary (POL)" <Rosemary.Warren@pol.state.ma.us>
> **Subject: FW: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements**
>
> Lt. Col. Quinn,
>
> As requested, the changes that were discussed last Friday have been made to the attached updated DRAFT.
>
> Respectfully,
> Scott
>
> ---
>
> **From:** Range, Scott (POL)
> **Sent:** Friday, September 06, 2019 12:59 PM
> **To:** Warren, Rosemary (POL)
> **Subject:** Fwd: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Sent from my iPhone

Begin forwarded message:

From: "Stelmat, Jason (POL)" <Jason.Stelmat@pol.state.ma.us>
Date: September 5, 2019 at 1:40:17 PM EDT
To: "Quinn, Dermot (POL)" <dermot.quinn@pol.state.ma.us>, "Range, Scott (POL)" <scott.range@pol.state.ma.us>, "Gawron, Stephen (POL)" <stephen.gawron@pol.state.ma.us>, "Brooks, Brian (POL)" <brian.brooks@pol.state.ma.us>
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Good afternoon,
I apologize for the delay in distributing this. I was able to recreate the original TRF-11 in a much more workable format in Word. I've made some additions (highlighted in the attached document) which I believe brings us up to speed with respect to DHS grant requirements. I did not remove anything from the existing TRF-11, but ended up adding approximately 3 pages to the current policy. I did my best to exclude irrelevant or unnecessary portions of the BJA guidelines. Any additional thoughts or suggestions are welcome.

Thanks,
Jason

From: Brooks, Brian (POL)
Sent: Wednesday, September 04, 2019 5:58 PM
To: Range, Scott (POL); Stelmat, Jason (POL)
Cc: Quinn, Dermot (POL); Gawron, Stephen (POL)
Subject: RE: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

Please see attached

From: Range, Scott (POL) <scott.range@pol.state.ma.us>
Sent: Wednesday, September 4, 2019 5:57 PM
To: Stelmat, Jason (POL) <Jason.Stelmat@pol.state.ma.us>
Cc: Quinn, Dermot (POL) <dermot.quinn@pol.state.ma.us>; Gawron, Stephen (POL) <stephen.gawron@pol.state.ma.us>; Brooks, Brian (POL) <brian.brooks@pol.state.ma.us>
Subject: TRF-11 suggested changes needed to comply with DHS HSGP Grant Requirements

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will have someone try to un-PDF it now and then email it back to this group.

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Thank again for your work on this. We appreciate it.

From: Nardone, Andrea (DAA)
To: Griffin, Daniel (POL)
Subject: TSRP MSP proposal 2019
Date: Tuesday, February 26, 2019 2:50:28 PM
Attachments: TSRP MSP proposal 2019.doc

Here you go my friend. Work your magic.

From: PoliceOne Roll Call
To: Davis, Matthew (POL)
Subject: Video: Cop takes down armed man hunting cops; #NationalK9VeteransDay
Date: Wednesday, March 13, 2019 7:23:49 PM

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Evaluation of LEOKA database further confirms the importance of officers wearing body armor.

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How to use intelligence analysis software to improve decision-making

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Intelligence analysis software allows investigators to review high volumes of data.

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By Michele Coppola, TechBeat Magazine
Protecting youths from cyberbullying requires effort by parents, LE, school and the community.

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By PoliceOne Staff
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To: Lee, Brian (POL)
Subject: Video: Cop takes down armed man hunting cops; #NationalK9VeteransDay
Date: Wednesday, March 13, 2019 7:23:45 PM

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k9s_300.jpg

By PoliceOne Staff
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To: Chandler, Brittany (POL)
Subject: VT Form
Date: Tuesday, March 12, 2019 11:20:05 AM
Attachments: RFI_VT_LPR.pdf

From: PoliceOne Sponsored
To: McCarthy, Steven (POL)
Subject: Wait, what? Your camera system can do more than you think.
Date: Wednesday, October 23, 2019 11:56:21 AM

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Subject: Why your agency should be on Reddit; Getting in front of the story
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We also provide tips on how to manage media ahead of and after major incidents like a pursuit or officer-involved shooting.

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Getting in front of the story: Media relations best practices for LE

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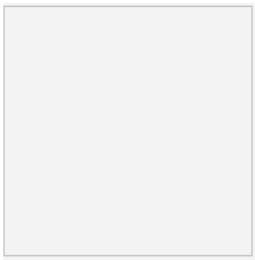
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Vigilant LPR Reader

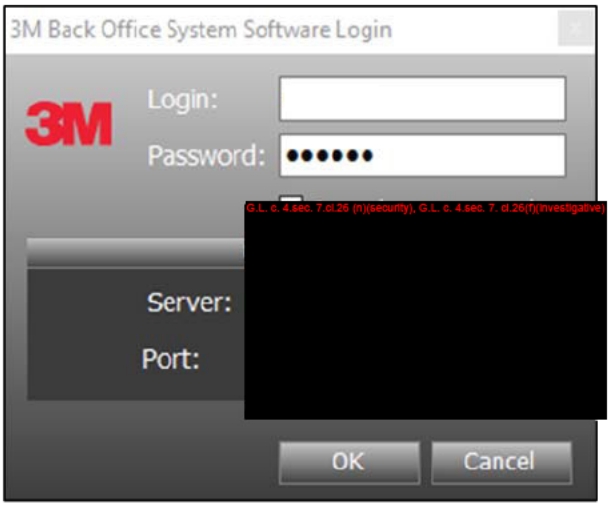
Vigilant is an LPR reader utilized by many departments; however, the CFC receives information only from Lynn and Chelsea.

- Refer to Section 2: Accounts – Databases & Systems for log in information.

BOSS/3M LPR Reader

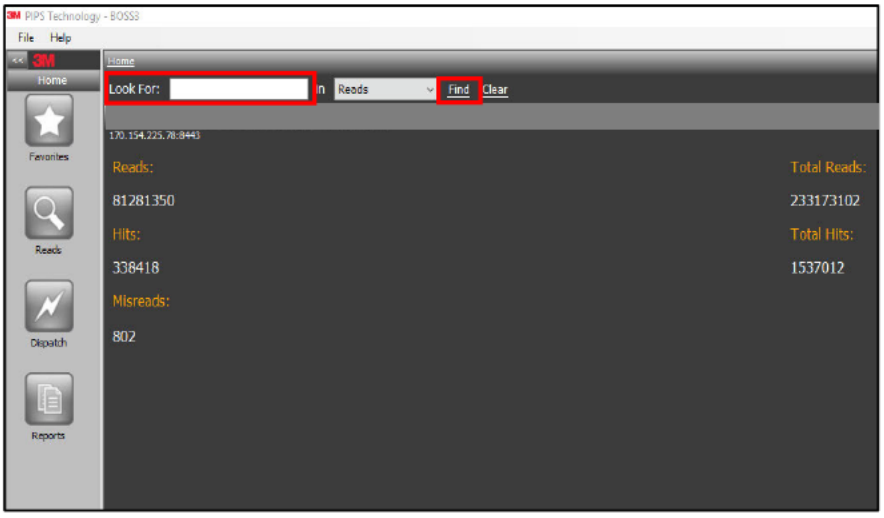
BOSS/3M is the primary LPR system utilized. The systems pulls information from LPRs controlled by MSP throughout the state.

Upon opening the program, ensure the correct Server and Port [redacted] [redacted]

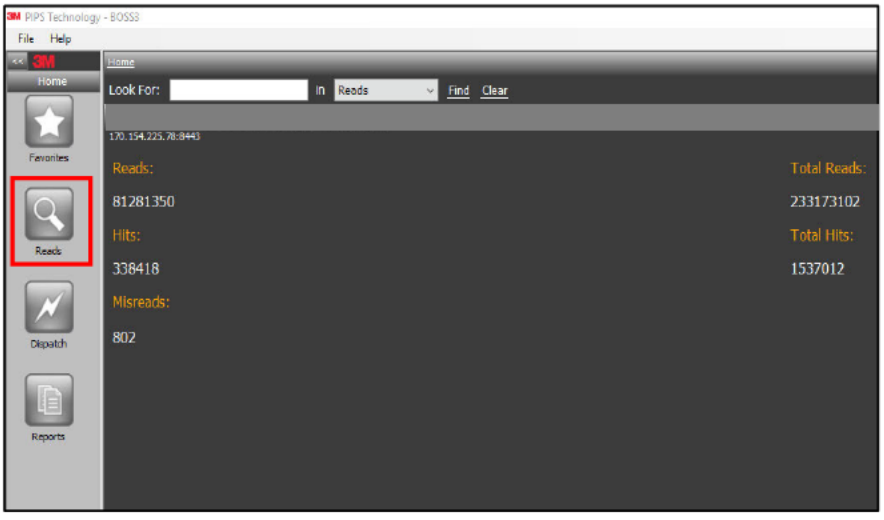


BOSS/3M LPR Reader - Searching a Plate

1. Search a plate by typing the plate number into the "Look For:" box and clicking "Find"



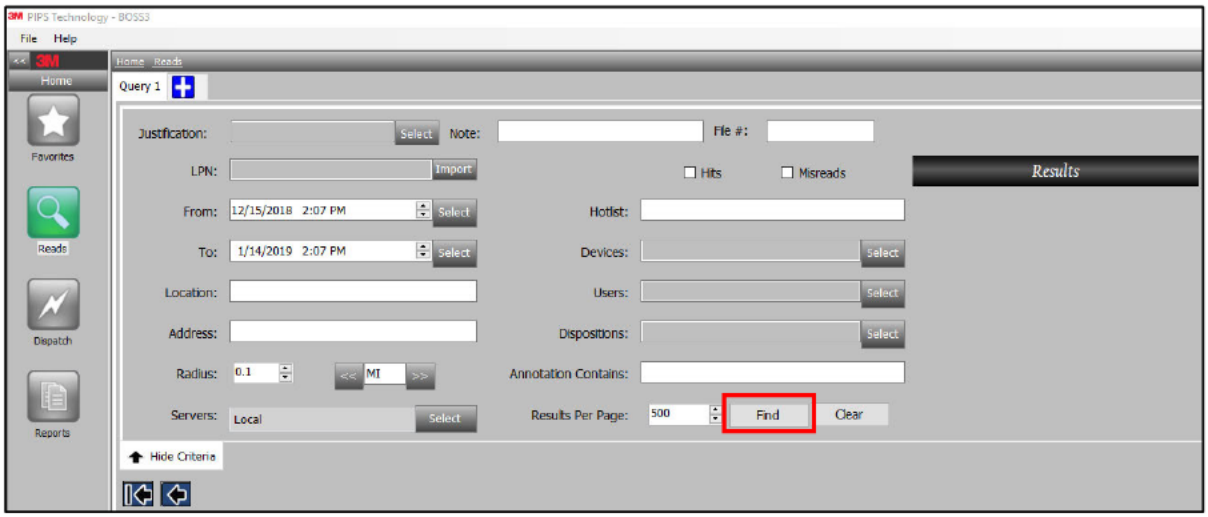
2. Click "Reads" on the left tool bar to search a plate with more advanced perimeters



3. The Reads page will display multiple search perimeters, including:
   - Timeframe (dates and times)
   - Hotlist
   - LPR Device
   - Location
   - Address
   - Radius

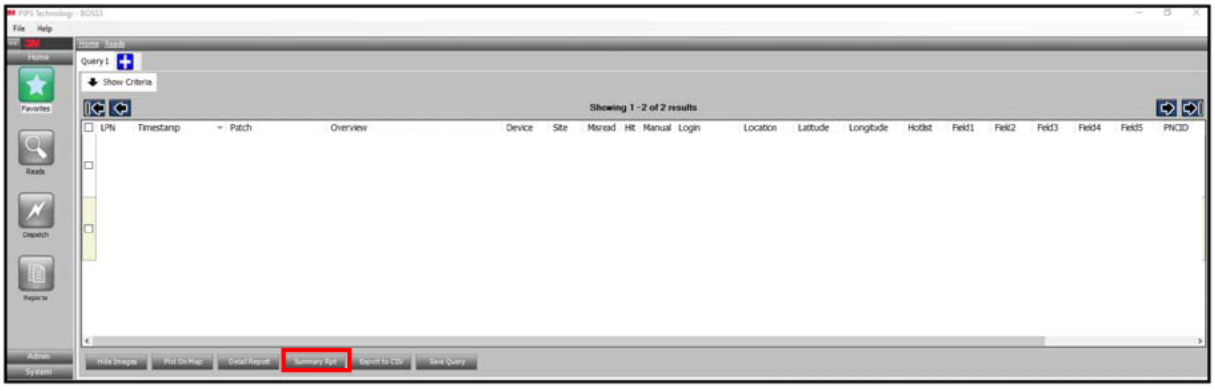
BOSS/3M LPR Reader - Searching a Plate (cont.)

4. The Reads page will allow for multiple search perimeters at once
   - Enter the plant number in "LPN"
   - Enter the appropriate perimeters
   - Click "Find"



BOSS/3M LPR Reader - Printing Results

1. On the results page click "Summary Rpt" on the bottom tool bar



2. A popup will appear, click "All Results" or "Current Page" then select "OK"

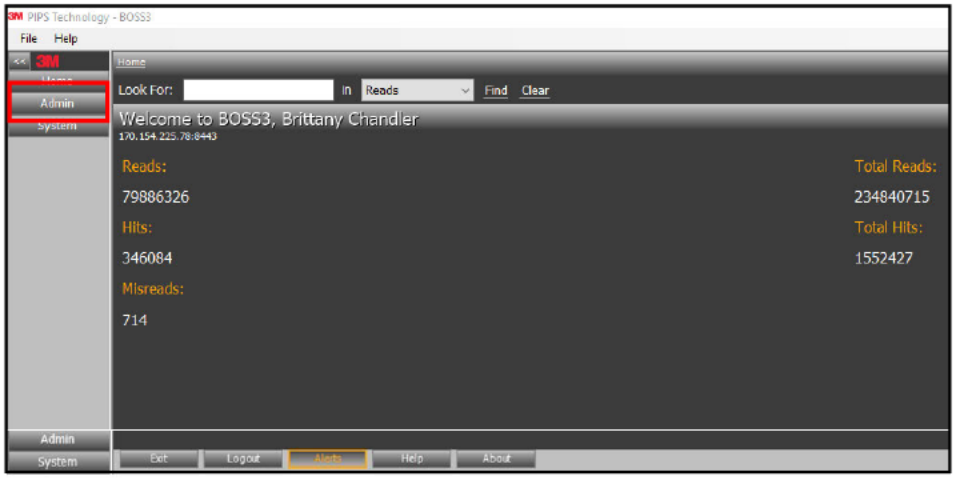
3. Once the report loads, click the printer icon along the top tool bar

Creating an LPR Hotlist

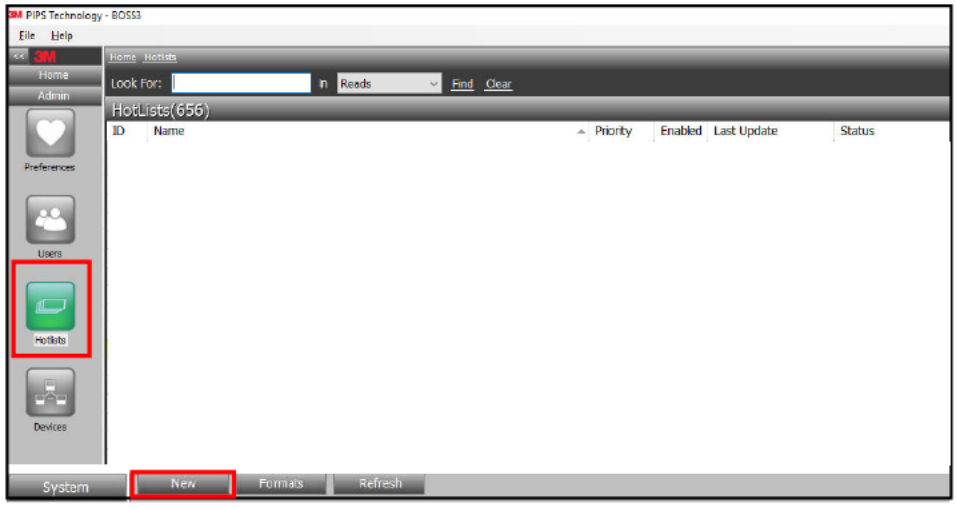
License plates of interest can be added to a Hotlist. When a Hotlist plate is read by an ALPR camera, an email will be sent to the requesting officer.

There are Two Steps to a Hotlist: Creating an LPR Hotlist and then Adding License Plates into an LPR Hotlist.

1. **From the main page, click "Admin" on the bottom of the left tool bar**



2. **The tool bars on the left and bottom will change, click "Hotlists" on the left toolbar then click "New" on the bottom tool bar**

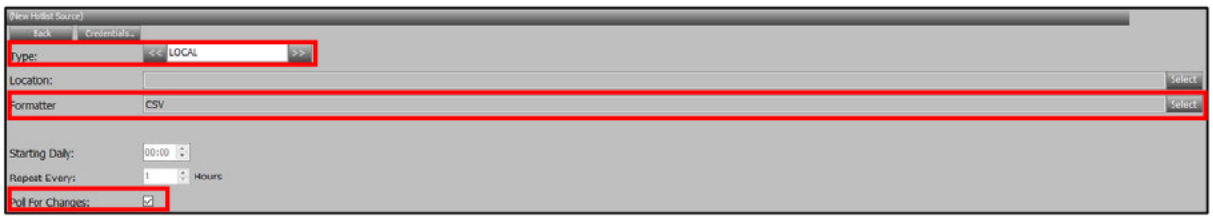


Creating an LPR Hotlist (cont.)

3. In the "New Hotlist" box enter the following:
   - Hotlist Name: Agency – Officer – Case Number
   - Description: Officer name – Contact Information
   - Deployment: Select "Select" and check ALL boxes, then select "Save"



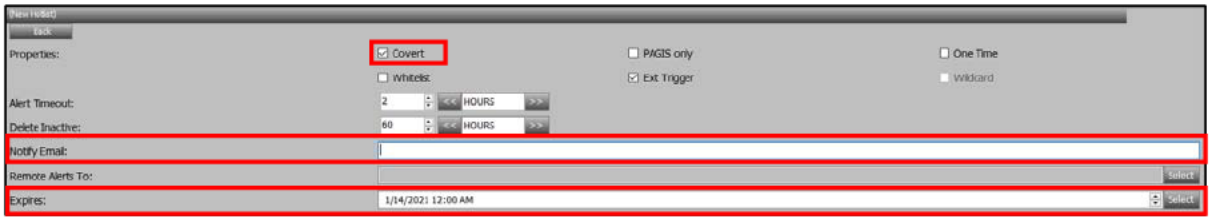
4. Click "Source" and enter the following:
   - Type: Local (default)
   - Formatter: Select "Select" and select "CSV," then select "Save"
   - Poll for Changes: Check the box



Note: If not mentioned above, do not change

5. Click "Back"

6. Click "Advanced" and enter the following:
   - Covert: Check the box (Checking the box to ensures that passing ALPRs are NOT alerted)
   - Notify Email: Enter emails separated by commas with NO spaces (Enter the Fusion Mailbox email with the requestor's email)
   - Expires: Three months from entry date



NOTE: Some requestors prefer text notifications, if so, follow the below steps

Creating an LPR Hotlist (cont.)

- Ask the requestor for their phone carrier information for the number they wish to receive text notifications
- In the "Notify Email" field enter the cellular number followed by @ and the corresponding cellular carrier suffix:

Mobile Carrier	SMS Gateway Domain
Alltel	sms.alltelwireless.com
AT&T	txt.att.net
Boost Mobile	sms.myboostmobile.com
Cricket Wireless	sms.mycricket.com
MetroPCS	mymetropcs.com
Project Fi	msg.fi.google.com
Republic Wireless	text.republicwireless.com
Sprint	messaging.sprintpcs.com
T-Mobile	tmomail.net
U.S. Cellular	email.uscc.net
Verizon Wireless	vtext.com
Virgin Mobile	vmobl.com

Example: 508-820-2233@vtext.com

7. Click "Back"

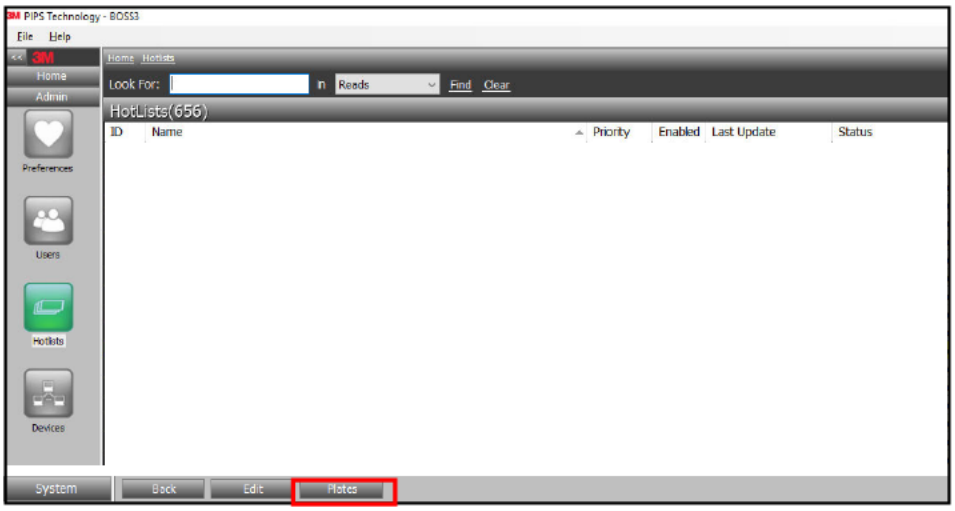
8. Click "Save" then select "Save" again

9. Click "Yes" on the "Source File Name" error message

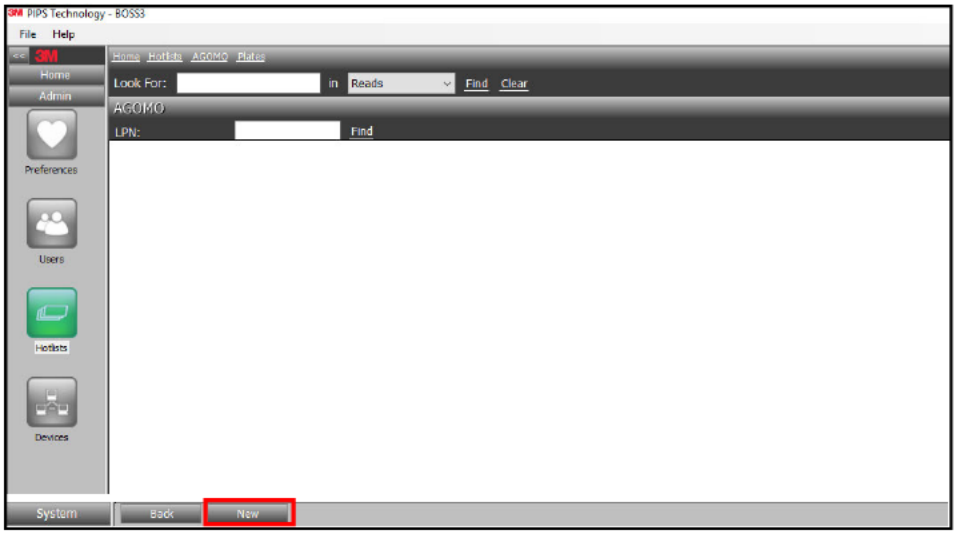
Adding a License Plate to an LPR Hotlist

1. In the "Hotlist" section (Refer to Steps 1 and 2 above) click the appropriate Hotlist that needs a license plate added

2. Click "Plates" on the bottom tool bar

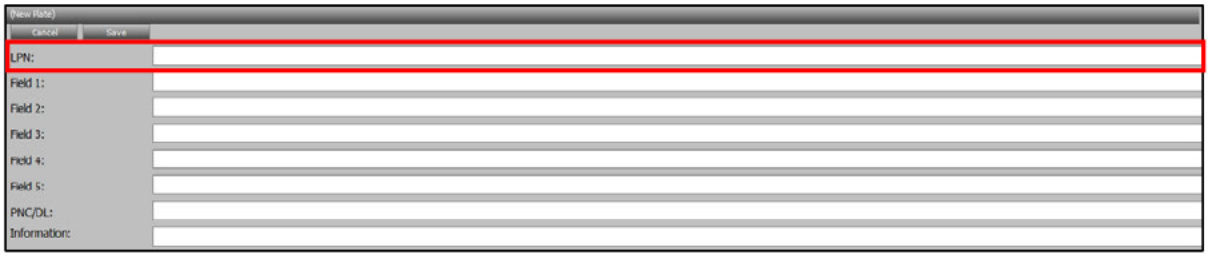


3. Click "New" on the bottom tool bar

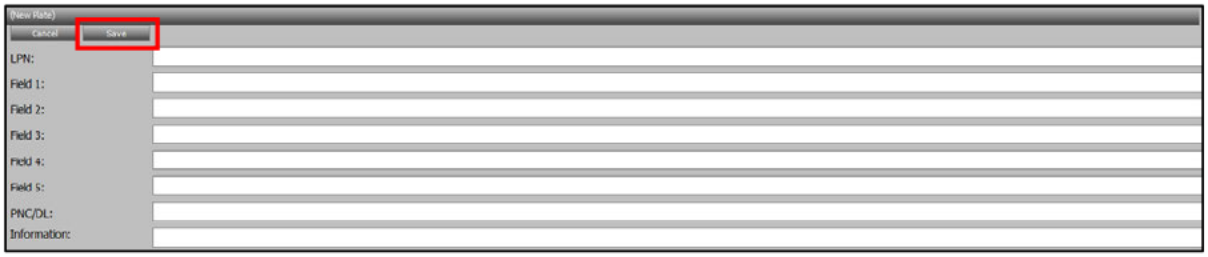


Adding a License Plate to an LPR Hotlist (cont.)

4. Enter the following:
   - LPN: Plate number (number only, do NOT add the state)



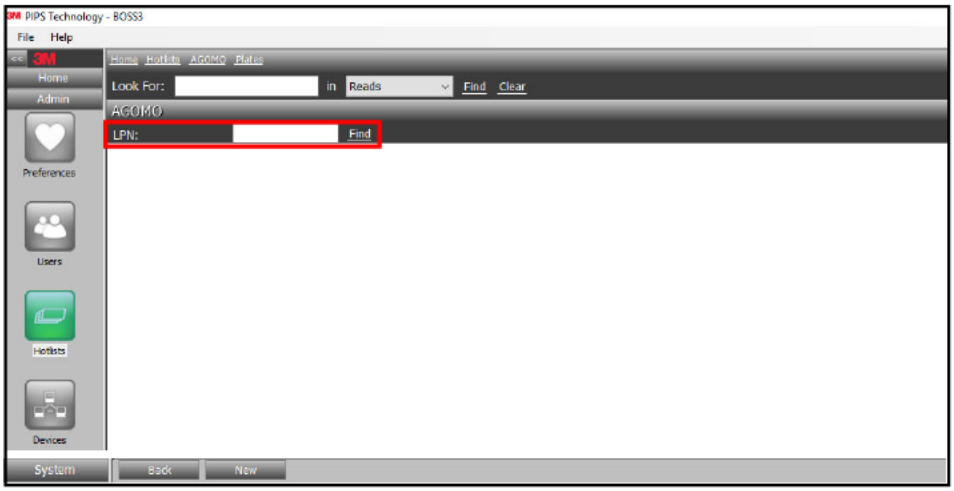
5. Click "Save"



Searching a License Plate in an LPR Hotlist

1. In the LPR Hotlist navigate to the "Plates" section (Refer to Steps 1 and 2 above)

2. In the "LPN" field, enter the plate number of interest or % to see ALL plates on the Hotlist then select "Find"



Department of State Police
Special Order

Effective Date	Number
October 1, 2019	**19-SO-12**

Subject

Distribution of General Orders

I. DISTRIBUTION OF GENERAL ORDER

Policy and Procedure
TRF-11 Automatic License Plate Recognition

The requirements for the distribution of the above listed General Order are:

√ Each employee shall follow the instructions within this Special Order.

√ Supervisors shall obtain a signature receipt from each employee acknowledging this General Order has been promulgated and posted on DocuShare.

√ Troop/Station/Section/Unit Commanders shall forward the *completed* signature receipt forms through channels to their respective Division Commanders on or before: November 1, 2019.

√ Division Commanders shall:

- Ensure that employees under their command have been notified of this General Order; and
- Maintain a file of all completed signature receipt forms for their Division.

II. DISTRIBUTION OF GENERAL ORDER INSTRUCTIONS

A. Instructions

Each employee shall acknowledge that the following General Order has been rescinded:

Policy and Procedure		Effective Date
TRF-11	Automatic License Plate Recognition	06/14/2018

III. DISTRIBUTION OF GENERAL ORDER INSTRUCTIONS

A. Instructions

It is the responsibility of each sworn and civilian employee to read promulgated directives. Sworn and civilian employees shall read and become familiar with the contents of all posted written directives.

Each employee shall acknowledge the following General Order has been promulgated and posted to DocuShare. Each employee is responsible for reading and becoming familiar with the following General Order:

Policy and Procedure		Effective Date
TRF-11	Automatic License Plate Recognition	10/01/2019

OFFICIAL:

KERRY A. GILPIN
Colonel/Superintendent



Privacy impact assessment report for the utilization of license plate readers

September 2009

International Association of Chiefs of Police
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Acknowledgements

The IACP would like to thank the law enforcement practitioners and subject matter experts who volunteered their time, expertise, and experience to create this document. Without their hard work and extraordinary collaboration on the *Privacy Impact Assessment for the Utilization of License Plate Readers* this document would not be possible. Thank you all for your continued commitment, time, energy, and patience. It is truly appreciated.

We would also like to thank the IACP Law Enforcement Information Management Section Board whose support has made this document possible.

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ES

Executive Summary

This document addresses the privacy impact of the enhanced collection, analysis, and dissemination of license plate data made possible by the advent of license plate reader ("LPR") technologies.

Agencies interested in operating a LPR system do not have access to a uniform set of rules governing or even suggesting the appropriate uses and sharing of LPR data. This lack of regulation can cause the public to fear that the information collected by law enforcement agencies through their utilization of LPR systems might be mismanaged or misinterpreted with real-world consequences. Moreover, the potential misuse of LPR data may expose agencies operating such systems to civil liability and negative public perceptions.

The goal of this report is to set forth in a clear and concise manner the impact LPR systems can have on the public's privacy interests and to make recommendations for the development of information management policies intended to govern an agency's operation of a LPR system.

THE NATURE OF LICENSE PLATE READER ("LPR") DATA

License Plate Reader systems consist of high-speed cameras combined with sophisticated computer algorithms capable of converting the images of license plates into computer-readable data. LPR systems typically utilize specialized cameras designed to capture images of license plates, whether from fixed positions or mobile patrol vehicles.

Images of vehicles and license plates are the primary form of information collected by a LPR system. Optical character recognition ("OCR") is performed on these images and the alphanumeric characters on each license plate are rendered into an electronically readable format. LPR systems can attach date, time, and location information to an image.

A license plate number does not identify a specific person; rather it simply identifies a specific vehicle. Although a license plate number may be linked or otherwise associated with an identifiable person, this potential is only realized through a distinct, separate step (e.g., an inquiry to a Secretary of State or Department of Motor Vehicles data system). Absent this extra step, the license plate number and the date, time, and location data attached to it are not personally identifying. Thus, even though LPR systems automate the collection of license plate numbers, it is the investigative process that identifies individuals.

Nevertheless, this Report considers LPR data for official use only and discusses the appropriate protections a law enforcement agency should implement as part of a LPR system.

THE INTERNATIONAL ASSOCIATION OF CHIEFS OF POLICE 2007 RESOLUTION

In 2007, the International Association of Chiefs of Police ("IACP") passed a resolution in support of License Plate Reader (LPR) technology. That resolution strongly encouraged the U.S. Congress to fully fund license plate reader and related digital photographing systems, including interrelated information sharing networks, for the northern and southern borders of the United States. In support of this resolution, the IACP Law Enforcement Information Management ("LEIM") Section set out to develop this Privacy Impact Assessment ("PIA") Report.

TYPES OF PRIVACY RISKS SURROUNDING THE USE OF LPRs

LPR systems have the potential to reveal to the government individuals' driving habits. As LPR systems become more widespread, and as law enforcement agencies improve their information sharing capabilities, the potential to monitor where and when a particular vehicle has traveled is enhanced.

Recording driving habits could implicate First Amendment concerns. Specifically, LPR systems have the ability to record vehicles' attendance at locations or events that, although lawful and public, may be considered private. For example, mobile LPR units could read and collect the license plate numbers of vehicles parked at addiction counseling meetings, doctors' offices, health clinics, or even staging areas for political protests.

Several prominent privacy groups view information concerning individuals' locations as inherently prone to abuses, including expanding data uses beyond the original purposes of collection, sharing data with third parties beyond reasonable expectations, and heightening individuals' vulnerability to crime. Nevertheless, law enforcement agencies can develop policies that set forth the appropriate access and dissemination of LPR data; agencies can also prohibit and punish individuals who inappropriately disclose data from a LPR system. Moreover, agencies can conduct audits and monitor system operations to prevent and identify instances of misuse. As with other law enforcement data systems, security safeguards can also be implemented to limit unauthorized access to LPR data.

PURPOSES OF COLLECTING LPR DATA

Law enforcement agencies are charged with protecting the public as well as investigating crimes and criminal conduct. LPR systems serve four specific public safety goals. Specifically, LPR data can be used: (a) in various forms of crime analysis; (b) to alert law enforcement officials that a license plate number on a hot list is in proximity to a LPR camera; (c) to monitor the movements of vehicles operated by individuals subject to preexisting geographical limitations on their travel; and (d) to identify instances of criminal conduct that might have previously gone undetected without the aid of the LPR system.

Hot lists may be compiled by the local law enforcement agency utilizing the LPR system or by other state or federal government agencies. The purpose of these lists is to signal a law enforcement official that a vehicle displaying a license plate number that is included on a hot list is near a LPR camera.

ACTIVE AND HISTORICAL LPR DATA

Active LPR data is that information which is provided to an officer in real-time. It takes the form of alerts that a license plate number contained on a hot list is near a LPR unit, whether fixed or mobile. Historical LPR data is essentially a database containing the dates, times, and locations of individually identifiable motor vehicles; it is considered passive as it is essentially LPR data that is stored for future investigative or analytical use.

ACCESS AND DISSEMINATION OF LPR DATA

Appropriate access to active and historical LPR data is guided significantly by the purposes for which it is collected. Thus, LPR data may appropriately be accessed by law enforcement officials: (a) to support crime analysis efforts; (b) to alert law enforcement officials that a license plate included on a hot list is or has been near a LPR camera location; and (c) to help law enforcement officials detect instances of criminal conduct.

It may be appropriate to share LPR data with various agencies and individuals throughout the justice system. Any policy regulating the sharing of LPR data should clearly identify the receiving entity and the specific purpose for the dissemination. LPR data may be shared: (a) among law enforcement agencies; (b) with other, non-law enforcement government entities; and (c) in certain, limited circumstances with the public.

RETENTION OF LPR DATA

Agencies may be called upon to explain their reasons for retaining LPR data for as long as they do. Law enforcement agencies may consider several criteria as they develop a retention policy, including but not limited to statutes of limitation, the potential future usefulness of the LPR data, the relative sensitivity of the LPR data, and the LPR system's technologically implemented policy controls.

Although these criteria may be useful when deciding how long to retain LPR data, there is no formula for determining how long LPR data should be retained. There is considerable need to establish a set of guidelines, including standard criteria, to assist law enforcement agencies in their development of retention policies for LPR data.

QUALITY OF LPR DATA

Law enforcement agencies have no way to influence the accuracy of the OCR performed upon an image captured by a LPR camera. Nevertheless, law enforcement agencies will rely upon the accuracy of LPR data as they conduct their investigations. In addition to law enforcement

officers visually confirming the OCR read against the contextual image taken by the LPR camera, regular and systematic audits can help ensure that the quality of data contained in a LPR system remains high. Data quality audits are distinct from system usage audits and focus on the accuracy of the information. In the context of a LPR system, data quality audits concentrate on measuring the accuracy of the OCR output when compared with contextual images.

ACCOUNTABILITY FOR LPR DATA

Many privacy concerns surrounding LPR data can be mitigated by holding law enforcement agencies accountable for the information they collect and how they subsequently use that information. Several methods exist whereby agencies can ensure that their personnel are complying with applicable policies regarding the appropriate collection, use, and dissemination of LPR data. Creating tamper-proof audit trails as well as conducting real-time monitoring and analyzing LPR system usage can all function to protect the public's privacy interests. Training authorized users is also a critical accountability measure.

CONCLUSION

This Report discusses the privacy concerns surrounding a law enforcement agency's utilization of a LPR system and recommends certain measures that can address those concerns. This Report is also an exercise in good government. Transparency in government policy-making allows errors to be corrected through public criticism. Sometimes cogent and passionate arguments can persuade policy makers to see things in a truly new light; other times comments can come from a perspective that may be unavailable to those immersed in the administration of justice.

It is hoped that this Report provides a sound basis upon which law enforcement agencies can build meaningful LPR system policies that respects individuals' privacy rights while providing authorized users with the information necessary to ensure the public's safety.

1

Part 1. The Nature of License Plate Reader information

This Part discusses the types of information that can be collected by license plate readers ("LPRs"). Specifically, this Part provides a brief overview of how LPR systems work, the types of data they are capable of collecting, and how that information can subsequently be used. Whether license plate numbers and locations should be considered personally identifiable for purposes of drafting privacy policy recommendations is also discussed.

A. OVERVIEW: HOW LICENSE PLATE READERS FUNCTION

License Plate Reader systems consist of high-speed cameras combined with sophisticated computer algorithms capable of converting the images of license plates into computer-readable data. Systems in existence as of the date of this report are routinely capable of capturing multiple license plate images per second on vehicles traveling at high speeds.[1]

Essential to any LPR system is the camera hardware that captures the image of the license plates. The quality of the captured image lays the foundation for the overall performance of the system. LPR systems typically utilize specialized cameras designed to capture images of license plates, either from fixed positions or mobile patrol vehicles. Factors which pose difficulty for license plate imaging cameras include the speed of the vehicles being recorded, the distance and angle of the vehicles from the camera; varying ambient lighting conditions, headlight glare, and harsh environmental conditions. In order to address these difficulties, many LPR systems employ infrared cameras operating in addition to visible light cameras.

The Optical Character Recognition ("OCR") of images taken by LPR cameras is performed through the use of sophisticated algorithms. Six primary algorithms that LPR system software requires to identify a license plate include:

1. Plate localization, which finds and isolates the plate contained in the picture;
2. Plate orientation and sizing, which compensates for the skew of the plate and adjusts the dimensions to the appropriate size and shape;
3. Normalization, which adjusts the brightness and contrast of the image;
4. Character segmentation, which finds the individual characters on the plates;

[1] Most LPR systems capture multiple images of the same vehicle and then use the best image; other systems are capable of capturing more than one vehicle per second.

5. Optical character recognition, which converts the image into actual characters; and
6. Syntactical/Geometrical analysis, which checks characters and positions against state-specific rules to identify the license plate's state of issuance.

Many LPR systems utilizing mobile LPRs are equipped with Global Positioning System ("GPS") Receivers. This allows mobile units to record the date, time, and location of license plate image capture. Data such as date and time stamps and GPS coordinates can be reviewed in relation to investigations and can help lead to critical breaks such as placing a suspect at a scene, witness identification, pattern recognition, or the tracking of previously identified suspects.

B. INFORMATION POTENTIALLY COLLECTED BY LPRs

LPR cameras take digital and infrared pictures of vehicles and license plates as they pass through the field of view of a LPR camera. These images, and the metadata associated with them, can be used in a variety of public safety contexts and the amount of information utilized from a LPR system can vary depending upon an agency's law enforcement mission. Thus, fixed LPR units in operation at national border crossings, which often operate in a setting consisting of slow-moving lanes of traffic, may collect different information than a mobile LPR camera operated by a local law enforcement agency. This Subpart describes the types of information that can potentially be collected by LPR systems as they function at the time of this Report. Agencies utilizing LPRs have the discretion to collect all or just a portion of the data elements described below.

Images of vehicles and license plates are the primary form of information collected by a LPR system. Optical character recognition is performed on these images and the alphanumeric characters on each license plate are rendered into an electronically readable format. LPR cameras can attach date, time, and location information to an image. The image collected by a LPR camera is maintained in the information system to provide a means of ensuring that the license plate number was properly converted into an electronically readable format. This digital image, sometimes referred to as a contextual photo, can include additional information that is not necessarily electronically recorded. Thus, LPR systems may contain information including, but not limited to, the following.

- Optical Character Recognition (OCR) of license plate numbers;
- Digital images of license plates as well as the vehicle's make and model;
- Digital image of the vehicle's driver and passengers;
- Images of distinguishing features (e.g., bumper stickers, damage);
- State of registration;
- Camera identification (mobile cameras may capture officer identification and vehicle/unit number);
- GPS coordinates or other location information; and
- Date and time of observation.

Together, these data elements are referred to as LPR data throughout this report.

C. POTENTIAL USES OF LPR DATA

Identifying the intended uses of LPR data is critical to assessing the privacy impact of law enforcement agencies' collection, analysis, and maintenance of license plate data collected via LPR systems. Moreover, how government agencies use the data they collect is of significant concern to the public. Thus, clearly articulating the purposes for collecting license plate numbers via a LPR system is one way to assist in the public oversight of governmental operations and serves a critical role in addressing privacy concerns surrounding the use of such a data system. Any sound privacy or information management policy intended to govern a LPR system should clearly identify the appropriate and intended uses of LPR data.

Law enforcement agencies are charged with protecting the public as well as investigating crimes and criminal conduct. LPR systems serve four specific public safety goals. Specifically, LPR data can be used: (a) in various forms of crime analyses; (b) to alert law enforcement officials that a license plate number on a hot list is nearby; (c) to monitor the movements of vehicles operated by individuals subject to geographical limitations on their travel; and (d) to identify instances of criminal conduct that might have previously gone undetected without the aid of the LPR system. Each anticipated use carries with it certain privacy concerns; these concerns are discussed later in this Report and should be addressed by any subsequently developed policy regulating the collection, maintenance, use, and retention of LPR data.

D. LPR DATA IS NOT CONSIDERED PERSONALLY IDENTIFYING INFORMATION

Technologies that pinpoint and record individuals' locations are improving in accuracy and growing in prevalence; in doing so, they are also provoking new conversations about what constitutes personal data. Privacy interests are only implicated by information that can be used to identify a unique individual. This section discusses whether a license plate number is considered a piece of personally identifying information for the purposes of this Report.

1. PERSONALLY IDENTIFIABLE INFORMATION DEFINED

Personally identifiable information is data that can be used to identify or locate a single person. The National Institute of Standards and Technology ("NIST") *Guide to Protecting the Confidentiality of Personally Identifiable Information* defines personally identifiable information ("PII") as "information which can be used to distinguish or trace an individual's identity, such as their name, social security number, biometric records, etc. alone, or when combined with other personal or identifying information which is linked

or linkable to a specific individual, such as date and place of birth, mother's maiden name, etc."[2]

A single piece of data can be personally identifiable (e.g., social security number or fingerprints). Likewise, multiple pieces of data, when merged, can also be personally identifiable, even where each individual piece of data itself would not (e.g., date of birth plus name plus address). Moreover, law enforcement agencies have access to multiple databases; this is significant as data elements that can be linked together, although not sufficient to distinguish an individual when considered separately, could distinguish individuals when combined from multiple sources.

For example, suppose that two databases contain different PII elements and also share some common PII elements, such as license plate numbers. An individual with access to both databases may be able to link together information from the two databases and distinguish individuals. If the secondary information source is present on the same system or a closely-related system, then the data may be considered linked.

Data elements which might be considered personally identifiable include, but are not limited to:[3]

- A person's name, such as their full name, maiden name, mother's maiden name, or alias;
- A personal identification number, such as SSN, passport number, driver's license number, taxpayer identification number, patient identification number, and financial account or credit card number;
- Address information, such as street or email address;
- Electronic identification numbers, such as Internet Protocol (IP) address or other host-specific persistent static identifier that consistently links to a particular person or small, well-defined group of people;[4]
- Telephone numbers, including mobile, business, and personal numbers;
- Information identifying personally owned property, such as vehicle registration or identification number, and title numbers and related information;

[2] Erika McCallister *et al.*, *Guide to Protecting the Confidentiality of Personally Identifiable Information (Draft)*, Special Publication No. 800-122, 2-1 (U.S. Dept of Commerce, National Institute of Standards and Technology, Jan. 2009) (adopting the definition of PII contained in OMB Memorandum 07-16, *Safeguarding Against and Responding to the Breach of Personally Identifiable Information*).

[3] *See Id.* at 2-2.

[4] *But see In re Charter Commc'ns*, 393 F.3d 771, 774 (8th Cir. 2005) (holding an IP address does not identify a user's name or mailing address); *Klimas v. Comcast Cable Comm'cns, Inc.*, 465 F.3d 271, 276 n.2 (6th Cir. 2006) (noting "that IP addresses do not in and of themselves reveal 'a subscriber's name, address, [or] social security number.' That information can only be gleaned if a list of subscribers is matched up with a list of their individual IP addresses."); *Johnson et al. v. Microsoft*, C06-0900RAJ Or. Granting Def.'s Mot. S.J. 7 (W.D. Wash. June 23, 2009) (ruling that "In order for 'personally identifiable information' to be personally identifiable, it must identify a person. But an IP address identifies a computer, and can do that only after matching the IP address to a list of a particular Internet service provider's subscribers.").

- Personal characteristics, including handwriting, photographic image (especially of face or other distinguishing characteristic), x-rays, fingerprints, or other biometric image or template data (e.g., retina scans, voice signature, facial geometry); and
- Information about an individual that is linked or linkable to one of the above (e.g., date of birth, place of birth, race, religion, weight, activities, or employment, medical, education, or financial information).

2. NON-PERSONALLY IDENTIFYING NATURE OF LPR DATA

(a.) License plates can be associated with individuals' PII

Although license plates don't directly include personally identifiable information, they are frequently associated, by means of computer inquiries, with the identity of an individual person. Thus, a license plate number, just as a name and date of birth, can serve as the gateway to personally identifiable information. Moreover, a license plate number is also a gateway to more traditional types of data relied upon by criminal justice practitioners. Although some intended uses of LPR data focus on the automobile itself (e.g., identifying stolen vehicles), other potential uses of LPR data involve the process of locating the individual(s) somehow connected to a particular license plate.

(b.) LPR data collection and privacy

The mere collection of information regarding individuals implicates privacy concerns. Fewer concerns are raised by the collection of information about individuals premised upon some reasonable suspicion that they are acting unlawfully. Greater concerns regarding the public's privacy interests are raised when the government collects information about individuals for investigatory purposes absent any suspicion of criminal wrongdoing.

Nevertheless, it is a strong argument that a person has a diminished expectation of privacy in public spaces. In the criminal justice context, the common good of public safety has been considered of greater importance than an individual's right to remain anonymous when passing through public spaces.[5]

Furthermore, in the context of license plate readers, the vast majority of states consider the operation of an automobile a privilege and not a right. Every state's laws require

[5] On at least two occasions the U. S. Supreme Court has been confronted with whether an individual can be required to identify himself to the police during a Terry stop, but decided those cases on other grounds. *See Brown v. Texas*, 433 U.S. 47 (1979) (holding the underlying seizure illegal thereby avoiding the constitutional question) and *Kolender v. Lawson*, 461 U.S. 352 (1983) (holding a statute requiring a suspect to identify himself to police officers during a Terry stop void for vagueness and refusing to decide the issues of the constitutionality of compulsory identification). It wasn't until 2004 in *Hiibel v Sixth Judicial District Court of Nevada*, 542 U.S. 177, that the Court concluded that requiring suspects to identify themselves did not violate the Fourth or Fifth Amendments.

the display of license plates when the vehicle is operated or parked on a public road and license plates are even required to be illuminated at night.

(c.) LPR data is not, itself, personally identifying

A license plate number identifies a specific vehicle, not a specific person. Although a license plate number may be linked or otherwise associated with an identifiable person, this potential can only be realized through a distinct, separate step (e.g., an inquiry to a Secretary of State or Department of Motor Vehicles data system). Absent this extra step, the license plate number and the time and location data attached to it are not personally identifying. Thus, even though LPR systems automate the collection of license plate numbers, it is the investigative process that identifies individuals.

The Driver's Privacy Protection Act ("DPPA"), 18 U.S.C.A. §§ 2721-25, also supports the premise that a license plate number alone is not PII. Enacted in 1994, the DPPA is a federal law that regulates how state motor vehicle departments release information contained in their records. The DPPA prohibits, with specific exceptions, state motor vehicle departments from disclosing personally identifying information connected to a motor vehicle record (e.g., a license plate number).[6]

While the DPPA requires states to disclose personal information for certain limited purposes, it permits the disclosure of personally identifiable information connected to a license plate for fourteen enumerated purposes. Three of those purposes relate to law enforcement use of the information and are relevant to the operation of a LPR system. Specifically, personally identifying information connected to a motor vehicle registration may be disclosed for use: (1) "by any government agency, including any court or law enforcement agency, in carrying out its functions, or any private person or entity acting on behalf of a Federal, State, or local agency in carrying out its functions;"[7] (2) "in connection with matters of motor vehicle or driver safety and theft;"[8] and (3) "in connection with any civil, criminal, administrative, or arbitral proceeding in any Federal, State, or local court or agency."[9] The DPPA also regulates how an authorized recipient of motor vehicle records can share information with another subsequent user.

Thus, federal law acknowledges: (1) although license plate numbers are not, by themselves, personally identifying information, they can be linked to individuals and, (2)

[6] The Act defines "personal information" as an "individual's photograph, social security number, driver identification number, name, address…telephone number, and medical or disability information"; the term does not include information on vehicular accidents, driving violations, and driver's status. 18 U.S.C. § 2725(3). In 2000, the Act was amended to create a new class of "highly restricted personal information." This includes an "individual's photograph or image, social security number, and medical or disability information" collected or maintained by a DMV. 18 U.S.C. § 2725(4).

[7] 18 U.S.C. § 2721(b)(1).

[8] 18 U.S.C. § 2721(b)(2).

[9] 18 U.S.C. § 2721(b)(4).

the release of PII associated with a particular license plate number should be limited to official purposes.

Certain contextual photos may contain digital images of the vehicle's driver and/or passengers. As discussed above, the contextual photo is collected and maintained as a mechanism to ensure that the LPR software is accurately reading license plate numbers. Moreover, not every contextual photo contains an image of a vehicle's occupants.

A photograph of an individual's face certainly identifies that individual. Nevertheless, LPR systems currently being utilized by law enforcement agencies are not designed to capture images of occupants of vehicles. In the infrequent instances where images of a vehicle's occupants are captured by the LPR camera, LPR contextual photos may be used to confirm whether an individual already associated with a particular license plate was the person in the car when it passed the LPR camera.

This distinction between identification and confirmation is significant when determining whether to consider LPR data personally identifiable. Furthermore, the confirmation of the identity of the individuals occupying a vehicle only takes place as part of a subsequent investigation into an event surrounding the observation of the vehicle's license plate. Thus, even though some contextual photographs include an image of a vehicle's occupants, this Report considers LPR data as non-personally identifying information.

(d.) LPR data is for official use only

Even where an organization determines that a particular type of information is not personally identifying, the organization should still consider whether the information is sensitive or has organizational or individual risks associated with it, and determine the appropriate protections.

There may be risks surrounding the release of the dates, times, and locations of a certain license plate number where the requestor is in possession of the identity of that vehicle's owner. It is these risks, described in more detail later in this Report, that support the International Association of Chiefs of Police's recommendation that LPR Data be considered For Official Use Only (FOUO).[10]

[10] The term For Official Use Only is used within the U.S. Department of Homeland Security to identify unclassified information of a sensitive nature, not otherwise categorized by statute or regulation, the unauthorized disclosure of which could adversely impact a person's privacy or welfare, the conduct of Federal programs, or other programs or operations essential to the national interest. LPR data may also fall into the federal information categorization of non-classified information being implemented pursuant to Executive Order 12958; under that system of categorization, LPR data may also be considered Controlled Unclassified Information (CUI) and may more specifically fall under the CUI category "Controlled, Special Dissemination." *See* Executive Order 12958 as amended by Executive Order 13292 at 68 Fed. Reg. 15315 (2004); *see also* White House *Memorandum for the Heads of Executive Departments and Agencies*: Designation and Sharing of Controlled Unclassified Information (CUI) (May 7, 2008) available on-line at: http://www.archives.gov/cui/documents/designation_cui.pdf.

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Part 2. Types of privacy risks surrounding the use of LPRs

This Part summarizes the privacy risks created by the enhanced collection, recording, analysis, and retention of license plate numbers by means of LPR systems. The privacy concerns described below become the themes that run throughout the entire PIA Report; the discussions that follow briefly explain how these risks can be mitigated by policies intended to regulate the use of LPR systems from the initial collection of the data through its life cycle.

A. UNDERLYING PRIVACY CONCERNS

The enhanced sharing, even among law enforcement personnel, of substantial amounts of information about people not immediately suspected of criminal activity may lead the public to believe that its privacy interests are being ignored. Moreover, improper disclosures of potentially sensitive information not only damage the relationship between citizens and their governmental institutions, such disclosures also make people more vulnerable to physical, emotional, financial, and reputational harms.

System designers and justice practitioners sometimes overlook information processing risks that arise from the storage, analysis, and use of data that has already been collected by the justice system. One such risk implicated by the aggregation of data occurs where the compiled information used to judge an individual is incomplete or is distorted because it is being considered out of its original context. Another privacy concern involves the risk that a justice practitioner using an information system may target one individual because of acts committed by another due to a variety of data inaccuracies.

It has been law enforcement's position that the impact of LPR systems on the privacy of individuals is the same as the impact of any ordinary investigation. The premise of this position is that LPR systems simply automate the same exact process that has been available to police manually. Criminal justice agencies explain that LPR systems simply improve the accessibility of information that is already publicly visible and make it available for analysis and appropriate dissemination.

These positions are woven throughout the discussions and recommendations contained in this Report. Ultimately, the goal of this Report is to inform a law enforcement agency's efforts to develop an information management policy that attempts to ensure

the rights of individuals to be treated with fairness and respect while providing law enforcement with the LPR data it needs to protect the public safety in an efficient and productive manner.

B. POTENTIAL CHILLING EFFECTS OF LPR SYSTEMS

Individuals are already compelled to disclose a great deal of information to their government. One privacy issue associated with the enhanced collection and compilation of LPR data from multiple sources is a chilling effect on social and political activities. Specifically, the risk is that individuals will become more cautious in the exercise of their protected rights of expression, protest, association, and political participation because they consider themselves under constant surveillance.

Surveillance is the watching, listening to, or recording of an individual's activities.[11] The potential privacy harm of surveillance is its potential use as a tool of social control: the mere possibility of surveillance has the potential to make people feel extremely uncomfortable, cause people to alter their behavior, and lead to self-censorship and inhibition.[12]

The degree of any system's chilling effect depends a great deal upon the types of information it collects and how the data will subsequently be utilized. LPR systems, unlike other forms of public surveillance, have the potential to reveal to the government individuals' driving habits. As LPR systems become more widespread, and as law enforcement agencies improve their information sharing capabilities, the potential to monitor where and when a particular vehicle travels is enhanced.

Recording driving habits could implicate First Amendment concerns.[13] Specifically, LPR systems have the ability to record vehicles' attendance at locations or events that, although lawful and public, may be considered private. For example, mobile LPR units could read and collect the license plate numbers of vehicles parked at addiction counseling meetings, doctors' offices, or even the staging areas for political protests. Furthermore, fixed LPR units located at traffic choke points may identify travel patterns of particular vehicles as they commute to and from their homes.

Although there may be some chilling effects surrounding the utilization of a LPR system, the development and implementation of policies regulating the collection, uses, sharing, and retention of LPR data can operate to reduce these effects. Deployment of LPR cameras based upon crime analysis that takes into account crime patterns and the types

[11] Daniel J. Solove, *A Taxonomy of Privacy*, 154 U. PA. L. REV. 477, 490 (Jan. 2006).
[12] *Id.* at 493.
[13] One resident of a municipality considering the installation of LPRs who "[didn't] see too much harm in [LPRs]" admitted that a LPR system "still has the taint of Big Brother." Demian Bulwa, *Tiburon may install license plate cameras*, A-1 San Francisco Chronicle (July 10, 2009) http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2009/07/10/MNT6189U0U.DTL.

of crime targeted by LPR systems can also reduce the perception that LPRs are simply a tool for public surveillance.[14] Developing retention periods are another way to address the potential chilling effects of LPR systems.

C. IDENTIFICATION OF INDIVIDUALS VIA LICENSE PLATE NUMBERS

Identification is the act of connecting data to particular individuals.[15] Identification enables surveillance by facilitating the monitoring of persons.[16] The potential harm of identification is that it increases the government's power to control individuals through the chilling effects discussed above. It can further inhibit one's ability to be anonymous, which is important in so far as it protects people from bias based on their identities and enables people to vote, speak, and associate more freely by protecting them from the danger of reprisal.[17]

Few rights guaranteed by the First Amendment can be enjoyed without moving about. The rights to "enter into certain intimate human relationships" and "to associate for the purpose of engaging in those activities protected by the First Amendment – speech, assembly, petition for the redress of grievances"[18] are predicated upon freedom of movement. In order to associate with others in political activities or pursue religious beliefs, one must be able to go to the place where their associations meet. To assemble and participate in a rally on behalf of a political candidate, or alternatively to demonstrate against a government policy, traveling is a prerequisite.

The benefits of anonymity in the exercise of First Amendment rights have been recognized by the U.S. Supreme Court. In one case, referencing the "important role in the progress of mankind" that anonymous literature has played, the Court upheld the right to not identify one's self in the exercise of the free press on the grounds that it "provides a way for a writer who may be personally unpopular to ensure that readers will not prejudice her message simply because they do not like its proponent."[19] The right to not identify one's self has also been upheld in other First Amendment contexts. "It is hardly a novel perception that compelled disclosure of affiliation with groups engaged in advocacy may constitute…restraint on freedom of association."[20]

[14] As discussed in Part 4, LPR cameras can be fixed or mobile and can be deployed in an overt or covert manner.
[15] Solove, *supra* note 11 at 511.
[16] *Id.* at 514.
[17] *Id.* at 515.
[18] *Roberts v. United States Jaycees*, 468 U.S. 609, 617-618 (1984).
[19] *McIntyre v. Ohio Elections Comm'n*, 514 U.S. 334, 341-343 (1995) (citing *Talley v. California*, 362 U.S. 60, 62 (1960) (internal quotations and footnotes omitted)).
[20] *NAACP v. Alabama ex rel. Patterson*, 357 U.S. 449, 462 (1958). *See also Brown v. Socialist Workers' 74 Campaign Comm.*, 459 U.S. 87, 91 (1982) (holding that the "Constitution protects against the compelled disclosure of political associations").

LPR systems have the potential to record the license plate numbers of vehicles that embark on travels related to the occupants' exercise of their First Amendment rights. Law enforcement agencies are not implementing LPR systems with the goal of collecting this type of information; rather, LPR camera's potential to impact First Amendment freedoms is a byproduct of the day-to-day operation of the system. Such chilling effects can be reduced by enforcing policies designed to limit access to LPR data for certain, express law enforcement or investigatory purposes. Moreover, the development of policies concerning the collection of license plate numbers by mobile LPR units should include provisions concerning the appropriate use of mobile LPR cameras in areas known to reflect an individual's political, religious or social views, associations, or activities (e.g., churches, abortion clinics, etc.) and limit such collection to instances directly related to criminal conduct or activity.

D. SECONDARY USE OF LPR DATA

Secondary use is the utilization of data for purposes unrelated to the reasons for which the data was initially collected.[21] Secondary use essentially creates the potential for dignitary harm in that it thwarts people's reasonable expectations about how data collected and maintained by LPR systems will ultimately be used.[22] The potential for secondary use generates fear and uncertainty over how one's information will be used in the future, creating a sense of powerlessness and vulnerability among those whose information is collected.[23] Secondary use of information also creates interpretation problems in its analysis; specifically, data may be misunderstood when it is removed from its original context.[24]

Law enforcement agencies' primary concern with regard to their operation of LPR systems is the investigation of crimes and ensuring the public's safety. Privacy concerns regarding secondary uses of LPR data can be addressed in part by: (1) clearly articulating the agency's original purposes for collecting license plate numbers; (2) anticipating and disclosing how LPR data will likely be used; and (3) limiting subsequent uses of LPR data to those original purposes.[25]

Agencies could also address secondary uses of LPR data by clearly articulating permissible secondary uses of the information in advance of the data's collection. Any secondary analyses or uses of LPR data should take into account its limitations in terms of identifying anything other than the vehicle.

[21] Solove, *supra* note 1111 at 521.
[22] *Id.*
[23] *Id.* at 522.
[24] *Id.*
[25] The DPPA implements these three suggestions and specifically makes it "unlawful for any person knowingly to obtain or disclose personal information, from a motor vehicle record, for any use not permitted [by the Act]." 18 U.S.C. § 2722(a); *see also* text accompanying *supra* notes 6-9.

E. AGGREGATION OF LPR DATA

Aggregation is the gathering together of various pieces of information about a person.[26] Although less direct than surveillance, aggregating data from multiple sources is another way to acquire information about an individual.[27] The U.S. Supreme Court has even ruled that there is a significant difference between information that, although public, might be difficult to obtain from multiple locations, and a computerized summary located in a single clearinghouse of information.[28]

The potential privacy harms surrounding aggregation are similar to those of Secondary Use, described in Subpart D above. A piece of information here or there about an individual is not very telling; but when combined, these bits and pieces of data begin to form a portrait of a person.[29] In other words, personally identifiable information brought together from various source systems has the potential to reveal an individual's beliefs or ideas concerning public or social policy, as well as political, educational, cultural, economic, philosophical, or religious matters.

Aggregation can cause dignitary harms because of its ability to unsettle an individual's expectations regarding how much information they actually reveal to others.[30] Aggregation can also create interpretation problems where the data compilation used to judge the individual is incomplete or results in a distorted portrait of the person because the information is disconnected from the original context in which it was gathered.[31]

LPR Systems use optical character recognition to translate the alpha-numerical text of a license plate into electronic data. The license plate number, combined with the date, time, and location of observation is then stored electronically and can readily be combined with other data sources. An authorized user can use LPR data to gather the name and contact information of a vehicle's registered owner from a department of motor vehicles data system. Care should be exercised when combining LPR data with other personally identifying data; this is because the LPR data relates only to the vehicle, not necessarily the registered owner.[32] Thus, to address concerns related to the aggregation of data, law enforcement agencies should keep in mind that LPR data relates only to vehicles and it may be misleading to combine LPR data of vehicles with other data linked to the personally identifying information of registered owners or other occupants.

[26] Solove, *supra* note 11 at 507.
[27] *Id.* at 508.
[28] *See U.S. Department of Justice v. Reporters Committee for Freedom of the Press*, 489 U.S. 749, 764 (1989).
[29] *Id.* at 507.
[30] *Id.* at 508.
[31] *Id.* at 508-511.
[32] Moreover, there are no assurances that an inquiry into the license plate number will lead to the registered car, as in the case of stole license plates.

F. POTENTIAL MISUSES OF LPR DATA

Several prominent privacy groups view information concerning individuals' locations as inherently prone to abuses, including expanding data uses beyond the original purposes of collection, sharing data with third parties beyond reasonable expectations, and heightening individuals' vulnerability to crime.

Misuses of LPR data can take several forms. A common misuse of any data system involves the improper disclosure of its information by authorized users. When data is improperly disclosed by those authorized to access it, the promise the agency made to keep the information confidential is broken. The harm caused by such breaches is not simply that the information has been disclosed, but that the promise made to the subject of the data has been broken.[33] Protections against breaching the confidentiality of the data help promote certain relationships that depend upon trust, such as the relationship between citizens and their government.[34]

Privacy concerns also surround the disclosure of certain true information about a person that, when revealed, impacts the way others judge her character; the potential harm of disclosure involves the damage to an individual's reputation caused by the dissemination.[35] Disclosure can also be a form of social control and carries with it the potential chilling effects associated with surveillance described above in Subpart B. Moreover, knowledge of a person's location could, for example, heighten that person's vulnerability to property theft or physical harm. Disclosure harms occur regardless of whether the dissemination is the result of an inappropriate release of data by an authorized user or is the result of an unauthorized person obtaining access to the data (e.g., by hacking into the system) and releasing the information.

Simply because a type of information may be subject to misuse is not necessarily determinative as to whether to collect and use it; there are several things law enforcement agencies can do to prevent misuse of LPR data. Specifically, law enforcement agencies can develop policies that set forth the appropriate access and dissemination of LPR data; agencies can also prohibit and punish individuals authorized to access LPR data but who inappropriately disclose the information. Furthermore, conducting audits and monitoring system operations can prevent and identify instances of misuse. Security safeguards are common in other law enforcement data systems and can be useful in limiting unauthorized access to LPR data.

[33] *Id* at 527.
[34] *Id.*
[35] *Id.* at 531.

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Part 3. Scope of the PIA Report

Part 3 explains the approach this Report takes to analyze the privacy concerns surrounding a law enforcement agency's use of a LPR system. It explains the steps taken to prepare this document and decisions related to narrowing the scope of this Privacy Impact Assessment.

A. APPROACH OF THE ASSESSMENT

In 2007, the International Association of Chiefs of Police ("IACP") passed a resolution in support of License Plate Reader (LPR) technology.[36] That resolution strongly encouraged the U.S. Congress to fully fund license plate reader and related digital photographing systems, including interrelated information sharing networks, for the northern and southern borders of the United States. In support of this resolution, the IACP LEIM Section set out to develop this Privacy Impact Assessment ("PIA") Report.

The goal of the PIA Report was to identify and address the primary privacy issues implicated by the electronic collection, analysis, dissemination and storage of license plate information by law enforcement agencies across the country. The first step taken in the development of this Report was the preparation of a comprehensive listing of privacy issues raised by the use of LPR systems. This document, entitled *Issue identification: Privacy issues concerning the utilization of automated license plate readers* ("the Issues document"), is included in this Report as Appendix 2. The Issues document reflects the LEIM Section's efforts to document in a comprehensive manner the privacy concerns that should be addressed by any law enforcement agency utilizing or seeking to implement a LPR system.

B. UNDERLYING PREMISES OF THIS REPORT

(1) Focus on law enforcement uses – The privacy impact analysis and discussions contained in this Report focus on law enforcement agencies' utilization of LPR systems and the LPR data they collect to investigate crimes and enforce the criminal laws. If LPR data will be used for additional purposes, additional analysis will be necessary.

[36] Intl. Assn. of Chiefs of Police, *2007 Resolutions*, 51-52 (Oct. 16, 2007) available on-line at: http://www.iacp.org/resolution/2007Resolutions.pdf.

(2) Absence of regulation of LPR data – There is an absence of uniform regulation concerning the appropriate collection, use, analysis, and retention of LPR data. This Report is intended to help law enforcement agencies develop policies meant to fill this gap in regulation in such a manner that ensures public safety needs are met while protecting individuals' privacy interests.

(3) Adult status is presumed – Part 1 explained that LPR Data is not considered personally identifying information for purposes of this Report. Nevertheless, contextual images that include vehicle occupants may contain images of minors; this is because states routinely issue drivers' licenses to individuals under the age of majority and because minors are frequently passengers in cars. Thus, LPR systems may potentially contain the location information of minors whose personally identifying information is associated with a certain vehicle. The discussions contained in this Report do not distinguish between LPR data attributed to adults or minors.

(4) Existing information sharing practices remain in effect – The discussions contained in this Report are not intended to supersede existing data sharing practices concerning license plate data. Rather, this Report is focused on the access, use, and dissemination of license plate data collected by LPR cameras and stored in LPR systems.

(5) LPR data is not considered criminal intelligence information[37] – The data collected by LPR cameras and upon which OCR is performed is only fact-based information; it is not intelligence data. Nevertheless, once that fact-based LPR data is analyzed, it may become intelligence data in the future and be subject to the U.S. Department of Justice's regulations contained at 28 C.F.R. Part 23.

(6) Internal access to LPR data is determined at the agency level – The terms "law enforcement officials" and "law enforcement officers" are used interchangeably throughout this Report. It is up to local agency heads to determine who within the organization may access LPR data.

C. ISSUES NOT ADDRESSED IN THIS REPORT

There are numerous privacy and other public accountability issues surrounding a law enforcement agency's utilization of a LPR system. Some of these issues surround the administration of the system and others concern the utilization of LPR data compiled by

[37] Criminal Intelligence Information means data which has been evaluated to determine that it: (i) is relevant to the identification of and the criminal activity engaged in by an individual who or organization which is reasonably suspected of involvement in criminal activity, and (ii) meets criminal intelligence system submission criteria. 28 C.F.R. §23.3(b)(3).

other agencies. The scope of this Report was narrowed to exclude consideration and discussion of the following issues.

(1) An agency's decision to utilize a LPR system – This Report focuses on the privacy concerns surrounding the operation and administration of a LPR System; it does not, however, discuss a law enforcement agency's initial decision to procure and begin utilizing LPR cameras.

(2) Privacy policy development – Although it is beneficial to utilize a formal development process when creating policies regarding LPR data, this Report does not recommend to law enforcement agencies any particular method of creating privacy or information management policies that implement the recommendations that follow.

(3) Use of another entity's LPR data – This Report contemplates the privacy concerns surrounding a law enforcement agency's collection of LPR data through the use of its own LPR cameras and computer systems. Where LPR data collected by another entity is going to be used by a law enforcement agency, it should determine that the LPR data is reliable and of sound quality.

(4) Sharing LPR data with private companies – Although Part 5 discusses the dissemination of LPR data with various members of the general public, it does not address the sharing of LPR data outside the context of an investigation or public safety purpose. Law enforcement agencies seeking to share LPR data with private companies should fully examine the privacy and public confidence issues of doing so.

(5) Freedom of information and sunshine acts – Since freedom of information acts vary from state to state, this Report does not address the release of LPR data to the public pursuant to such a statute. Nevertheless, such laws are important and their impact on the operation and administration of a LPR system should be reviewed as part of any policy development process.

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Part 4. Collection of LPR data

This Part explains that LPR system data consists of: (A) the images and data collected by LPR cameras; and (B) the Hot Lists that alert a user to the presence of a particular license plate. The discussions that follow concern how LPR data is collected and for what purposes.

A. LPR CAMERA DATA

1. LPR CAMERA DEPLOYMENT

LPR systems can observe and record over 1,000 license plates an hour in various lighting and weather conditions. LPR cameras can be fixed, mobile, or portable. A fixed LPR unit is permanently mounted, usually to a bridge or a pole, and frequently in a jurisdiction's most heavily traveled points of ingress and egress. Mobile LPR units are mounted to law enforcement agency vehicles and can capture data from any area of an agency's jurisdiction. Portable LPR cameras can be moved from vehicle to vehicle or deployed in covert configurations.

Some privacy issues will vary depending upon the type of camera deployment utilized. For instance, mobile LPR cameras are much less likely than fixed LPR units to collect information concerning the routine commuting of particular vehicles. This is because mobile LPR units are attached to cars and are therefore unlikely to observe license plate numbers in the same location at the same time on a consistent basis. Mobile units, however, do have the potential to patrol parking lots of certain establishments; thus, mobile LPR cameras may collect the license plate numbers of vehicles parked at locations that, even though public, might be considered sensitive, such as doctor's offices, clinics, churches, and addiction counseling meetings, among others.

2. LPR DATA ELEMENTS

As discussed in Part 1 above, LPR systems take images of vehicles and license plates within range of a LPR camera. Thus, depending upon the placement and resolution of its cameras, a LPR system has the potential to gather a wide spectrum of data.

Typically, the contextual image collected by a LPR camera is maintained in the information system to provide a means of ensuring that the license plate number was

properly converted into an electronically readable format by the optical character recognition (OCR) software. The contextual photo provides a more inclusive view of the vehicle and its surroundings. Depending on the focal length of the camera and the distance of capture, the photo may provide a view of part or all of the vehicle, its surroundings, and possibly the occupants of a vehicle. This information may be helpful in *inter alia*: (a) identifying the vehicle by providing color or unique attributes such as damage or bumper stickers; (b) confirming the location of the LPR camera that took the photograph; or (c) confirming the identity of a vehicle's occupant.

Although a contextual photo contained in a LPR system may contain a great deal of raw information, only certain pieces of information contained in any LPR photograph will be subjected to OCR and rendered into an electronically readable format. Thus, images of vehicle occupants, vehicle make and model, and any distinguishing features of a vehicle contained in a contextual photo are not electronically readable or compiled by existing LPR systems.[38]

In addition to collecting the OCR of license plate numbers, LPR systems do ascribe date, time, and location information to an image. Some systems also attach to the image a camera identifier; in the case of mobile LPR units, the patrol car and officer identification number may also be collected.

3. PURPOSE SPECIFICATION

Law enforcement agencies are charged with protecting the public as well as investigating crimes and criminal conduct. LPR systems serve four specific public safety goals. Specifically, LPR data can be used: (a) in various forms of crime analysis; (b) to alert law enforcement officials that a license plate number on a hot list is nearby; (c) to monitor the movements of vehicles operated by individuals subject to geographical limitations on their travel; and (d) to identify instances of criminal conduct that might have previously gone undetected without the aid of the LPR system.

(a.) LPR data is collected to support various forms of crime analysis.

Law enforcement agencies utilize crime analysis to prevent and suppress crime, apprehend offenders, and recover stolen property.[39] Crime analysis is usually conducted on offenses with discernable patterns and trends that can be prevented or reduced through the implementation of directed action plans.[40] A review of existing crime analysis operations reveals that burglary, robbery, auto theft, larceny, fraud, sex crimes, aggravated assaults, and murder are the crimes most appropriate for crime analysis.[41]

[38] Technology is continually advancing. If LPR systems evolve to a level where they can read and compile data other than license plate numbers, the policy discussions contained in this Report will need to be supplemented.
[39] Steven Gottlieb, *et al.*, *Crime Analysis: From First Report to Final Arrest* 14-16 (Alpha 1994).
[40] *Id.*
[41] *Id.* at 133.

There are three types of crime analysis: (1) tactical; (2) strategic; and (3) administrative. Tactical analysis is the first priority of law enforcement agencies.[42] Specifically, tactical crime analysis (a) detects crime patterns and series by studying and linking common elements of crimes;[43] (b) predicts when and where future events will occur; and (c) provides information to officers regarding specific crime problems and is intended to result in the arrest of a suspect.[44]

Strategic crime analysis concentrates on long-term crime trends and can be used to project where police presence should be increased or decreased. Administrative analysis, unlike tactical and strategic crime analysis, interprets crime statistics categorized by economic, geographic, or social conditions and provides information for grant applications, feasibility studies, and city council reports.[45] Thus, administrative analysis provides information useful in running a law enforcement agency while tactical and strategic crime analysis is intended to help the law enforcement agencies protect the public and enforce the criminal laws.

When law enforcement agencies talk about using LPR data to check crime series information to determine if the same vehicles are in the area of different crime scenes, they are referring to tactical crime analysis. Tactical crime analysis is used to determine who is doing what to whom and focuses on crimes against persons and property. LPR data can also be useful to other agencies whose missions are broader in scope, like counter terrorism taskforces interested in utilizing strategic crime analyses. The following categories of data are widely considered most useful for crime analysis purposes.[46]

- Geographic factors[47]
- Victim descriptors
- Physical evidence descriptors
- Suspect descriptors
- Time factors
- Property loss descriptors
- Specific modus operandi factors
- Suspect vehicle descriptors

[42] *Id.* at 15.

[43] A crime pattern is merely a set of similar offences happening in a specific geographical area while a crime series is a crime pattern that appears to be done by either the same person or group of persons. Shawn A. Hutton & Mark Myrent, *Incident-Based Crime Analysis Manual* 34 (Ill. Crim. J. Info. Auth. 1999).

[44] Shawn A. Hutton & Mark Myrent, *Incident-Based Crime Analysis Manual* 7 (Ill. Crim. J. Info. Auth. 1999).

[45] Gottlieb, *supra* note 39 at 15 (stating that administrative analysis essentially includes the "nice to know stuff.").

[46] *Id.* at 128. Experienced analysts have found that the importance of each factor differs depending upon the type of crime being investigated. For example, suspect vehicle descriptors are more useful in determining whether a pattern of thefts from vehicles exists than a pattern of strong armed robberies. See *Id.* at 318-320.

[47] Spot maps can be of great assistance to the analyst. Nevertheless, spot maps will only depict crime patterns; additional information is necessary to determine if a crime pattern is also a crime series.

(b.) LPR systems collect information to alert law enforcement of the proximity of a vehicle displaying a license plate number that is included on a hot list.

License plate numbers of stolen cars, vehicles owned by persons of interest, and vehicles associated with AMBER Alerts are routinely added to "hot lists" circulated among law enforcement agencies. These lists serve an officer safety function as well as an investigatory purpose.

Hot lists are typically transferred daily and can be updated by an operator/officer in the field. Hot list information can come from a variety of sources, including but not limited to, stolen vehicle information from the National Insurance Crime Bureau and the National Crime Information Center (NCIC), as well as national AMBER Alerts and Department of Homeland Security watch lists. Departments of Motor Vehicles can provide lists of expired registration tags and law enforcement agencies can also interface their own, locally-compiled hot lists to the LPR system.

LPR systems function in such a way as to notify an officer when a license plate on the hot list is observed in real time; this can be the case for both fixed and mobile LPR units. Historical LPR data can also be searched to determine the date and time a license plate number contained on a hot list passed a certain camera.

(c.) LPR data is collected to assist in the monitoring of certain identified individuals' compliance with travel restrictions.

In some circumstances, a court can limit the movements of certain individuals for public safety purposes. For instance, sex offenders, probationers and parolees, and people subject to orders of protection may be subject to court-imposed restrictions on their geographic movements. LPR systems can be useful in assisting with the enforcement of geographic limitations on the movements of these types of individuals. Specifically, LPR cameras can record the license plate numbers of vehicles observed near certain locations such as schools and day care facilities, or residences and work addresses of people protected by court orders. These locations and license plate numbers associated with such individuals can be added to LPR systems to bring any potential violations to an officer's attention in real-time or the plate numbers can be queried against historical LPR data. In these instances, the LPR data is merely evidence of a possible violation and further verification is needed to identify the operator of a vehicle.

In instances of mass evacuations, LPR systems could be useful in determining the number of vehicles that have left an area and can also serve as a means of identifying those vehicles. This latter capability may be beneficial to law enforcement agencies' ability to respond to calls asking about the welfare or evacuation status of a relative.

(d.)LPR data is collected to help law enforcement agencies identify previously-undetected crimes

LPR systems have the potential to identify and observe criminal conduct that, prior to the implementation of the technology, would have been extremely difficult to detect in the absence of an offender's chance encounter with authorities.

For example, the failure to obtain and provide proof of mandatory car insurance is grounds for several states to suspend license plates and driver's licenses. Unless these vehicles are operated in such a manner as to raise the suspicions of a police officer, these uninsured vehicles would remain undetected. In a jurisdiction utilizing a LPR system, a department of motor vehicles can create a list of license plate numbers attached to invalid driver's license numbers. That list can be uploaded into a LPR system and officers can be notified when that license plate number passes a LPR camera.

LPR systems can also be used to help implement programs intended to more efficiently bring certain crimes to law enforcement officers' attention. Several states have programs to combat auto thefts that permit vehicle owners to provide written consent for their vehicles to be stopped without cause during late evening hours. LPR systems provide an efficient means of implementing such programs and increase the odds of recovering stolen vehicles because these systems can cross check license plate numbers against lists of stolen plates and vehicles many times faster than if done manually.

LPR systems, like other forms of surveillance cameras, are excellent tools for figuring out what has already happened. Moreover, overt LPR systems may have some deterrent impact.[48]

B. LPR "HOT LISTS"

Many of the potential uses of LPR data involve the comparison of license plate numbers collected by a LPR system to numbers contained on a previously compiled list. These hot lists may be compiled by the local law enforcement agency utilizing the LPR system or by other state or federal government agencies. The purpose of these lists is to signal a law enforcement official that a vehicle displaying a license plate number that is included on a hot list is near a LPR camera. This can be done in real-time or through the use of historical LPR data.

The use of hot lists is essential to LPR systems intended to serve public safety purposes, and the actions taken by law enforcement officers informed of a "hit" will vary depending upon the list that contains the vehicle's license plate number. Limiting the number of hot lists uploaded to a LPR system is recommended to guard against the

[48] *See* Jerry Ratcliffe, *Video Surveillance of Public Places*, 8-11 (U.S. Dept of Justice, Office of Community Oriented Policing Services Feb. 2006) (referring to closed-circuit television surveillance of public spaces).

system "crying wolf." If law enforcement officers are bombarded by an alert at every third license plate that passes the LPR camera due to the inclusion of too many hot lists, a danger exists that officers may turn off the system or otherwise ignore alerts during their shifts. Only including hot lists that further the law enforcement agency's goals is one way to guard against this danger. Local agencies are ultimately responsible for selecting which hot lists to upload onto their LPR systems.

1. COMPILATION & MANAGEMENT OF LPR HOT LISTS

Managing hot lists is a key element to the success of a LPR system. The content of hot lists should be monitored to protect people whose vehicles license plates numbers are contained on such lists from continued and unnecessary annoyance.

While some hot lists focus on identifying a particular vehicle regardless of who is operating it (e.g., stolen cars, AMBER alerts), other lists include license plate numbers known to be associated with specific individuals (e.g., sex offenders, wanted persons). These hot lists, whether they relate to stolen cars or potential occupants of vehicles, enhance law enforcement agencies' ability to detect crime and provide critical officer safety information.

LPR hot lists are compiled to serve agency-specific needs. Hot lists may include, for example, license plate numbers of vehicles known to be operated by: (a) violent probationers and parolees; (b) violent gang members; (c) individuals with outstanding warrants; and (d) individuals identified as witnesses. In some instances, individuals provide the license plate numbers of vehicles they may operate; in others, departments of motor vehicles may provide license plate numbers of vehicles registered to individuals. In still other circumstances, license plate numbers may be linked to certain individuals by direct observation and documentation of law enforcement officers.

When developing their own hot lists, law enforcement agencies should develop a process that sets forth criteria for including certain license plate numbers on a hot list. For instance, in order to activate an America's Missing: Broadcast Emergency Response (AMBER) Alert certain criteria must be met. Specifically, a juvenile: (a) must have been confirmed as abducted; (b) is under the age of 16 or has a proven mental or physical disability; and (c) is in danger of serious bodily injury; finally, there also needs to be enough descriptive information to believe that a broadcast alert will help.[49]

Additionally, agencies may consider providing a process whereby a license plate number's inclusion on a hot list can be verified. Providing for verification is one way of monitoring the accuracy of data contained on a hot list. It also helps ensure that law enforcement officials act only upon complete, correct, and timely information.

[49] U.S. Dept. of Justice, *Recommended AMBER Alert Criteria*, (LT000498, Apr. 2005) available on-line at: http://www.ncjrs.gov/html/ojjdp/amberalert/PocketCard.pdf.

Agencies should also develop procedures for removing license plate numbers that do not belong on a particular hot list.

C. NOTICE OF DATA COLLECTION PRACTICES

1. FAIR INFORMATION PRACTICES

In 1973, the U.S. Department of Health, Education, and Welfare ("HEW") published a groundbreaking report responding to concerns that harmful consequences may result from the storing of information related to individuals in computer systems. That report, entitled *"Records, Computers and the Rights of Citizens,"* articulated several principles HEW deemed essential to the fair collection, use, storage, and dissemination of personal information by electronic information systems.[50]

The five basic principles contained in the HEW Report held that: (1) there must be no personal data record keeping systems whose very existence is secret; (2) there must be a way for an individual to find out what information about him is in a record and how it is used; (3) there must be a way for an individual to prevent information about him that was obtained for one purpose from being used or made available for other purposes without his consent; (4) there must be a way for an individual to correct or amend a record of identifiable information about him; and (5) any organization creating, maintaining, using, or disseminating records of identifiable personal data must assure the reliability of the data for their intended use and must take precautions to prevent misuse of the data.[51]

Several years later, in 1980, the Organization for Economic Cooperation and Development ("OECD") would publish its *Guidelines on the Protection of Privacy and Transborder Flows of Personal Data*. The OECD Guidelines articulated eight Fair Information Practices that incorporated the HEW Report's principles and are still today universally recognized as a solid foundation upon which to build privacy legislation and policies.[52]

The fair information practices provide rules governing the processing of data subjects' personal data. "Processing," "data subjects," and "personal data" are broadly defined

[50] U.S. DEP'T OF HEALTH, EDUC., & WELFARE, Records, Computers and the Rights of Citizens: Report of The Secretary's Advisory Committee on Automated Personal Data Systems xx-xxi (1973) (hereafter "HEW Report"), available at http://aspe.hhs.gov/datacncl/1973privacy/tocprefacemembers.htm.

[51] *Id.*

[52] NAT'L CRIM. JUST. ASS'N, Justice Information Privacy Guideline: Developing, Drafting and Assessing Privacy Policy for Justice Information Systems 22 (NCJA 2002) (hereafter "NCJA Guideline"), available at http://www.ncja.org/Content/NavigationMenu/PoliciesPractices/JusticeInformationPrivacyGuideline/privacyguideline.pdf

terms.[53] One of the fundamental principles is providing to data subjects notice of data collection and data management practices.

2. NOTIFYING THE PUBLIC ABOUT THE USE OF LPR SYSTEMS

The most fundamental Fair Information Practice is notice.[54] Without notice, an individual cannot make an informed decision as to whether and to what extent to disclose information to the data collector. Moreover, other fair information practices are only meaningful when a person has notice of an agency's data collection and management practices.

The decision to provide the public with notice of a law enforcement agency's use of a LPR system involves the consideration of several competing interests. First, there is a growing recognition that promoting public confidence in the administration of justice is one of the primary goals of good government. One way to promote public confidence is to increase the transparency surrounding how LPR data will be managed by the law enforcement agency, even if the LPR data itself should not be released to the public. Doing so serves two purposes: first, it invites constructive comments regarding the operation of the LPR system, and second, it is a mechanism to hold the justice system accountable for adhering to the rules and procedures it develops.

There may also be benefits to being proactive about informing the public of the use of a LPR system. Since the public is very likely to discover an agency's utilization of LPR technology, it could be best to be forthcoming with a positive news story. Moreover, such publicity could also result in some deterrence effect as prospective offenders would be made aware that their license plate numbers could be collected.

Nevertheless, there may be drawbacks to providing the public with notice that LPR cameras are in use in the jurisdiction. Not providing notice can help minimize offenders' implementation of countermeasures. Additionally, knowledge of the locations of fixed LPR units may give offenders information they need to avoid, sometimes with the assistance of GPS devices, passing a LPR camera. Providing the location of fixed LPR cameras could also result in increased costs due to intentionally inflicted damage.

After weighing the costs and benefits, some agencies may still be interested in providing notice. There are several ways to provide public notice of a LPR system. One way is to post a notice on the law enforcement agency's website. To be effective, website notice should be clear and understandable as well as conspicuous and posted in a prominent

[53] Barbara Crutchfield George, *et al.*, *U.S. Multinational Employers: Navigating Through the "Safe Harbor" Principles to Comply with the EU Data Privacy Directive*, 38 AM. BUS. L.J. 735, 752 (2001).

[54] This is sometimes referred to as the *Openness Principle*, under which there should be a general policy of openness about developments, practices, and policies with respect to personal data. Under this principle, means should be readily available of establishing the existence and nature of personal data, and the main purposes of its use, as well as the identity and usual residence of the data controller. *See* NCJA Guideline *supra* note 52 at 31.

location. Agencies may also consider publishing their privacy impact assessments or portions of their LPR system information management policies for a public comment period. Although more costly, signage can also be used to inform the public that a LPR system is being utilized in the jurisdiction.

If a law enforcement agency opts to provide notice, it is recommended that the agency limit the publication of details regarding the locations of fixed and mobile LPR units.

5

Part 5. Access to and Dissemination of LPR data

Part 5 addresses the closely related concepts of access and dissemination of the data collected by LPR cameras. This Report explains the distinction between historical and active LPR data and the privacy concerns surrounding each. The access to and dissemination of LPR Hot Lists are also discussed.

A. ACTIVE AND HISTORICAL LPR DATA

Active LPR data is that information which is provided to an officer in real-time. It takes the form of alerts that a license plate number contained on a hot list is near a LPR unit, whether fixed or mobile. The LPR data recorded during an officer's shift and accessible from within the squad car can also be considered active data as it has not been downloaded into a historic database of LPR data.

Historical LPR data is essentially a database containing the dates, times, and locations of individually identifiable motor vehicles; it is considered passive as it is essentially LPR data that is stored for future use. The amount of historical LPR data available for inquiries depends, in part, upon an agency's number of LPR cameras and its retention policies.

This Report distinguishes between active and historical LPR data as a method of addressing privacy concerns regarding the observation and recording of the date, time, and location of individuals' automobiles. It is submitted that the real-time utilization of LPRs implicates less privacy concerns than historical LPR data. Historical LPR data raises more concerns because of the potential to link a license plate number with an identifiable person.

B. ACCESS TO LPR DATA

Police officials have a duty to investigate crimes and criminal conduct. To fulfill this responsibility, police officials collect various types of information in order to identify potential suspects. Active LPR data helps bring a law enforcement officer's attention to certain violations as they occur, such as the operation of a stolen car or a vehicle displaying license plates associated with a violent felony or child abduction. Historical LPR data can play an important role in the investigation of crimes and can be utilized to

help create investigative leads and ultimately prosecute offenders. Historical LPR data is also utilized in traditional forms of crime analysis.

Appropriate access to active and historical LPR data is guided significantly by the purposes for which it collected. Thus, LPR data may appropriately be accessed by law enforcement officials: (a) to support crime analysis efforts; (b) to alert law enforcement officials that a license plate included on a hot list is or has been near a LPR camera location; and (c) to help law enforcement officials detect instances of criminal conduct.[55]

LPR data is most likely to be utilized by law enforcement officers; nevertheless, there may be additional, foreseeable users of LPR data. Each type of authorized user's access permissions should be clearly articulated.

Moreover, although it is axiomatic that active LPR data is available to any law enforcement officer, agencies might consider establishing more specific criteria for granting access to historical LPR data. Reducing the level of access law enforcement officials have to historical LPR data can protect against misuse of the information and provide additional privacy protections.

C. DISSEMINATION OF LPR DATA

It may be appropriate to share LPR data with various agencies and individuals throughout the justice system. Any policy regulating the sharing of LPR data should clearly identify the receiving entity and the specific purpose for the dissemination. Secondary uses, defined as uses other than the original purposes underlying the collection of the license plate numbers as discussed earlier in this Report, should be described in detail.

1. SHARING LPR DATA AMONG LAW ENFORCEMENT AGENCIES

Law enforcement officials have a duty to investigate crimes and criminal conduct. To fulfill this responsibility, officers collect, analyze, disseminate, and retain a variety of information, including active and historical LPR data. Many of the proposed purposes for collecting license plate data through the use of LPR systems implicitly require the sharing of LPR data across jurisdictions.

It has long been a basic tool of criminal investigators to start with known subjects and vehicles, and, with proper authorization, look for information about them and the people with whom they interact. Historical LPR data could provide police officials with information concerning the location of specific vehicles and, as a result, identify individuals for investigation because of their link to a vehicle observed by a LPR camera.

[55] *See* Part 4 of this Report; subsection (c) is intended to include law enforcement monitoring of certain identified individuals' compliance with travel restrictions and identification of previously-undetected crimes.

Although some of the connections revealed by an analysis of historical LPR data may be tenuous, it is the role and responsibility of law enforcement officials to exhaust investigative leads, something they routinely do in the course of any criminal investigation.

Combining LPR data from agencies in the same region can aid in the investigation of cold cases and in the identification of larger or more expansive crime trends.[56] Where one jurisdiction has already identified a vehicle of interest, it may be enough for a law enforcement agency of another jurisdiction to share the LPR data concerning that particular license plate number. Alternatively, conducting analyses of crime trends and series across jurisdictions may require submitting significant amounts of historical LPR data to another agency or regional data repository.

2. SHARING LPR DATA WITH OTHER GOVERNMENT ENTITIES

Several types of governmental agencies are likely to request LPR data from law enforcement entities. These agencies include, but are not limited to, parking enforcement bureaus,[57] departments of transportation, airport authorities, port authorities, and state departments of motor vehicles. While such requests may be for statistical information, other requests, like those from agencies like parole and departments of corrections officers,[58] might seek LPR data related to specific license plate numbers.

With the development of Fusion Centers, existing guidelines and memoranda of understanding regarding the inter-agency sharing of law enforcement data likely address the sharing of LPR data.

3. SHARING LPR DATA WITH THE PUBLIC

LPR data should only be shared for legitimate law enforcement purposes as it is considered for official use only. There may be instances where law enforcement purposes are furthered by sharing LPR data with the public. Whether LPR data may be shared with the public depends upon the type of entity receiving the LPR data, the nature of the information disseminated, and the circumstances surrounding the disclosure.

[56] Although not always the case, fixed LPRs frequently capture "transient vehicles" driving through a jurisdiction whereas mobile LPRs collect license plate data from local vehicles. Thus, fixed LPRs may further regional law enforcement goals whereas mobile LPRs may be of more value to local law enforcement agencies.

[57] Parking enforcement bureaus are not considered law enforcement in many jurisdictions.

[58] In many jurisdictions, parole and probation officers are peace officers with specific powers of arrest; in those instances, the sharing of information with such officers should be considered the sharing of LPR data among law enforcement agencies.

(a.) LPR data may be shared with private security personnel

Approximately 85 percent of the nation's critical infrastructure[59] is owned by the private sector and vulnerable to crime, such as terrorism and fraud.[60] Fusion Center Guidelines provide for the sharing of certain types of law enforcement data with privacy security personnel even where such access is not available to the public at large.[61] Thus, historical LPR data may be shared with private security personnel in accordance with memoranda of understanding and non-disclosure agreements entered into with the law enforcement agency.

(b.) LPR data may be shared with certain non-governmental organizations

Certain non-government organizations, such as the National Insurance Crime Bureau or the National Center for Missing and Exploited Children may seek access to LPR data. Certain statistical and license plate specific LPR data[62] may be shared with such entities to further the purposes underlying the collection of the license plate numbers by the LPR system. Law enforcement agencies should enter into memoranda of understanding or non-disclosure agreements with the non-government organization receiving the data.

(c.) LPR data may be shared with the general public in certain instances

Although there should be a general prohibition on the dissemination of LPR information to the general public, LPR data[63] could be useful in line-ups and in identifying vehicles involved in the commission of crimes or hit-and-run accidents. Such information may also be useful in seeking missing persons. In these and similar circumstances, law enforcement entities may want to affirmatively disseminate LPR information to the public.

In addition to case-by-case disseminations that take place during the course of an investigation, there may be instances where a vehicle or its known occupants pose a threat of substantial harm to the public. In these instances, the head of a law enforcement agency may release to the general public or news media LPR data that could reasonably protect the public from harm.

[59] Critical infrastructure is defined as those systems and assets, whether physical or virtual, so vital to the United States that the incapacity or destruction of such systems and assets would have a debilitating impact on security, national economic security, national public health or safety, or any combination of those matters. U.S. Dept. of Justice, *The National Criminal Intelligence Sharing Plan*, 13 (October 2003) (hereafter "NCISP") available on-line at http://www.it.ojp.gov/documents/NCISP_Plan.pdf.

[60] U.S. Dept. of Justice, *Fusion Center Guidelines—Developing and Sharing Information in a New Era*, 17 (August 2006) (hereafter "Fusion Center Guidelines") available on-line at http://www.it.ojp.gov/documents/fusion_center_guidelines_law_enforcement.pdf.

[61] *Id.* at 29.

[62] Although statistical summary information is unlikely to create privacy concerns, the sharing of LPR data related to a license plate number may raise privacy issues.

[63] LPR data may include images of vehicle occupants.

D. UPDATING AND SHARING HOT LISTS

Hot lists are typically uploaded onto a LPR system daily and can be updated by the authoring agency or an officer in the field. Hot list information can come from a variety of sources, including but not limited to, stolen vehicle information from the National Insurance Crime Bureau and the National Crime Information Center (NCIC), as well as national AMBER Alerts and Department of Homeland Security watch lists. Departments of Motor Vehicles can provide lists of expired registration tags and police departments can also interface their own hot lists to the LPR system. Hot lists can be uploaded onto a LPR system either as separate lists or merged into a single list.

Law enforcement officials have access to the license plate numbers contained on any LPR hot lists. Some hot lists will contain numerous license plate numbers and officials may not be able or desire to review their entire contents. Thus, for purposes of sharing hot lists across jurisdictions, it may be beneficial for law enforcement agencies that create hot lists to maintain supporting documentation regarding why a particular license plate number is on the specific hot list and make that information available, upon request, to the agency utilizing that hot list as part of its LPR system.

The heads of law enforcement agencies are ultimately responsible for determining which hot lists are uploaded onto the agency's LPR system and what actions officers take in response to a LPR hit. Agencies may want to establish some criteria for determining which hot lists will be uploaded onto the LPR system.

Since hot lists are created to enhance law enforcement officers' abilities to conduct investigations and provide for officer safety, the contents of hot lists should not be disseminated to the public.

E. SECURITY SAFEGUARDS

The focus of this Report is to set forth the impact LPR systems may have on the public's privacy interests; nevertheless, security safeguards may impact the degree to which the public's privacy may be impacted by a law enforcement agencies' operation of a LPR system. LPR data is sensitive enough to be categorized for official use only. As such, LPR systems should be protected by reasonable security safeguards to prevent loss or unauthorized access, destruction, use, modification or disclosure of LPR data. Ensuring that LPR data remains secure is one way for law enforcement agencies to build public confidence.

Law enforcement agencies may consider taking several steps to help secure LPR data. LPR systems and the computers that access them should utilize anti-virus software and firewalls. Additionally, authorized users should be required to utilize alphanumeric passwords consisting of a combination of upper and lower case letters, numbers and symbols; users should also be required to frequently change their passwords and keep

them safe. Law enforcement agencies should also utilize encryption technologies to protect LPR data in storage and in transit over networks.

6

Part 6. Retention of LPR data

Although retention periods were once necessitated by physical storage constraints, electronic storage of records has made the destruction of criminal justice and law enforcement information largely unnecessary. Thus, whether to retain a piece of information indefinitely is now a matter of policy. Part 6 addresses the retention of LPR data; it highlights several criteria a law enforcement agency may want to consider when developing a retention policy. This Part ultimately concludes that a comprehensive study of LPR data practices may be necessary to identify standards for retention periods.

A. RETENTION OF CRIMINAL JUSTICE DATA, GENERALLY

Criminal justice agencies are continuously collecting information about individuals. While some information is collected pursuant to an incident or an arrest, other information is gathered as a result of a tip and follow-up investigation. The information law enforcement agencies collect may be personally identifiable and other information may simply relate to the facts or circumstances of an event. This continuous collection, when combined with indefinite retention of that information, creates some privacy concerns.

The indefinite retention of law enforcement information makes a vast amount of data available for potential misuse or accidental disclosure. Additionally, retaining certain types of information indefinitely can be a form of undesirable social control that can prevent people from engaging in activities that further their own self-development, and inhibit individuals from associating with others, which is sometimes critical for the promotion of free expression. Although there are several reasons to retain certain types of law enforcement data for a substantial period of time,[64] those reasons may not apply to LPR data. Moreover, the indefinite retention of LPR data may enhance certain information dissemination risks.

[64] Official criminal history record information is collected and maintained to compile crime statistics, assist a court in imposing an appropriate sentence, and to help corrections officials make prisoner placement decisions. Criminal history records are also maintained to implement sentence enhancement provisions for recidivists and are also used to ensure that civil disability and offender registration statutes are properly applied. *See* U.S. Dept. of Justice, *Use and Management of Criminal History Record Information: A Comprehensive Report*, 101-127 (NCJ 187670, Dec. 2001) available on-line at http://www.ojp.usdoj.gov/bjs/abstract/umchri01.htm.

Nevertheless, justice practitioners and policy-makers are justifiably hesitant to destroy records. The government's reluctance may be rooted in investigators' experience that seemingly irrelevant or untimely information may acquire new significance as an investigation brings new details to light.[65] Deleting or destroying information, justice practitioners argue, would impede investigations and potentially result in fewer cases being solved.

Unfortunately, state and local records acts don't resolve the issue of data retention. The requirements contained in records retention laws vary from state to state.[66] Most statutes allow, but do not require, the destruction of particular criminal justice records after an established period of time. In many instances, governmental and law enforcement agencies must apply for permission to destroy records prior to doing so. Even though an agency may not be required to dispose of its electronic records, it may choose to remove LPR data from its information systems as a means to address the public's privacy concerns or simply to reduce the costs of storing the numerous back-up tapes necessary to ensure a computer system can recover from an unforeseen disaster.

B. CRITERIA TO CONSIDER WHEN ESTABLISHING RETENTION POLICIES

There is no formula for determining how long LPR data should be retained; nor have standards or guidelines been established that agencies can refer to as they set out to develop LPR data retention policies. In fact, there is surprisingly little literature discussing what criteria should be considered in developing retention periods for electronic criminal justice information in general or for LPR data in particular. Nevertheless, agencies may still need to explain their reasons for retaining LPR data for as long as they do.

1. STANDARD CRITERIA SHOULD BE ESTABLISHED TO ASSIST AGENCIES' DEVELOPMENT OF LPR DATA RETENTION POLICIES

A law enforcement agency seeking to develop a retention period for the data collected by and contained in its LPR systems faces many challenges. Chief among these challenges is the lack of thoroughly researched and well-articulated guidelines regarding how long LPR data should appropriately be retained.

LPR data is multi-faceted and subject to many potential uses. Historical LPR data may lose some of its value over time due to the sale and transfer of automobiles. The public's privacy interests regarding the stored LPR data may diminish as time passes. It's

[65] *See* 68 Fed. Reg. 14140 (2003).

[66] A threshold issue exists as to whether a contextual image taken by a LPR camera and the data associated with that image (including but not limited to the OCR text of the license plate and the date, time and location of observation) are considered records under the law of the jurisdiction.

uncertain if each query-response from a LPR system should be considered a record separate from the underlying LPR data that resides in the system.[67]

Although there are certain criteria that are intuitively useful when deciding how long to retain LPR data, it is unclear how those criteria relate to each other or which criteria would be considered more important in the case of a conflict. There may also be several criteria that are not intuitive but provide sound rationales for the retention or destruction of LPR data.

Thus, there is considerable need to establish a set of guidelines, including standard criteria, to assist law enforcement agencies in their development of retention policies for LPR data. Establishing such guidelines will likely require a thorough study of existing LPR data practices and rationales in use across the country and perhaps internationally. The IACP recommends that such a study be conducted and the results utilized to establish a set of standard criteria as well as guidelines for how those criteria may be used by law enforcement agencies in their development of a retention policy for LPR data.

2. INTERIM CRITERIA EXIST THAT AGENCIES MAY CONSIDER AS THEY DEVELOP RETENTION POLICIES

Regardless of whether a law enforcement agency deletes LPR data after 30 days or retains LPR data indefinitely, it may be called upon to explain how it came to that determination. Even though there is no set of standard criteria or guidelines for the appropriate retention of LPR data, there are still certain criteria specific to LPR data that a law enforcement agency may use to explain its decision to retain LPR data as long as it does.

Although not an exhaustive list, the criteria that follow are interrelated and can be applied comprehensively when setting a retention period for LPR data collected, used, and maintained by a law enforcement agency. Each criterion is described in greater detail below. It is important to note that these criteria are not beyond criticism. The application of the criteria is susceptible to multiple interpretations. Thus, two agencies can review the same facts about their respective sets of LPR data and come to different conclusions about how long the information should appropriately be retained. This is the result of the many judgments that must take place during the development of a retention policy and further counsels the need for uniform guidance in this area.

(a.) Statutes of limitation

Statutes of limitation exist to encourage prompt investigations and prevent stale prosecutions. Where LPR data is associated with crimes not subject to a statute of limitations, law enforcement agencies are justified in setting a long retention period.

[67] If so, those records may have different retention periods; specifically, the query-response record would likely be maintained for purposes of monitoring system use as opposed to supporting criminal investigations.

Conversely, where LPR data is associated with a crime that is subject to a shorter statute of limitation, law enforcement agencies may tend toward setting a shorter retention period.

It is important to note that certain characteristics of a criminal offense that might otherwise have a shorter statute of limitations may operate to extend or toll statutes of limitation.[68] Where those characteristics are present, the LPR data may be retained longer. Similarly, this criterion favors a longer retention period where the LPR data at issue concerns a crime that may be one of a series of acts performed at different times.[69]

Unfortunately, there are several difficulties with implementing statute of limitations criteria. Specifically, these criteria are premised upon the prompt reporting of crimes and that all steps of a crime take place in the same proximity to the location of the occurrence. Some crimes, especially those against property, may go undetected for some time; this may be the case where the property owner is away on vacation. Other crimes are the result of several steps made by one or a group of offenders that may not be readily detectible within days, weeks, or even months of an incident.

Furthermore, a large majority of LPR data will not be directly associated with a crime. Where this is the case, other criteria may need to be relied upon.

(b.) Potential future usefulness of the LPR data

Information collected by LPR systems may have usefulness beyond an individual investigation. Not only could information be part of a continuing series of acts as discussed in the statute of limitations criteria above, but information may be useful to generate leads for the investigation of subsequent crimes. Moreover, the retention period of LPR data may differ depending upon its foreseeable uses.

Law enforcement agencies may consider whether the characteristics of the LPR data (e.g., the geographic location or the date and time of the LPR camera observations) warrant keeping the information for a period longer than the statute of limitations alone advises.

The characteristics of the jurisdiction might also weigh in favor of retaining LPR data longer. For instance, jurisdictions containing likely targets for terrorism may justify retaining LPR data longer. Additionally, differences between LPR data collected by fixed and mobile LPR units may influence retention periods. LPR data collected by fixed units mounted near bridges and other critical infrastructure within a jurisdiction may have

[68] Characteristics of crimes that may extend or toll a statute of limitations vary from state to state. Generally, statutes of limitations are extended in cases involving *inter alia* certain thefts involving a breach of fiduciary duty, identity theft offenses, and certain sex offenses; statutes of limitations are typically tolled *inter alia* when the defendant is not residing in the prosecuting jurisdiction or when a material witness is on active military duty.

[69] Such crimes typically include conspiracy and thefts by deception that continue over a period of time.

greater long-term usefulness than mobile LPR data. Moreover, law enforcement agencies may also base their decision to maintain LPR data for a longer period of time on the premise that the information is useful in counterterrorism measures.[70]

Additionally, law enforcement agencies might also consider whether the LPR data is appropriate for the forms of crime analysis likely to be performed. Vehicle descriptions, including full and partial license plate numbers, are a type of information commonly utilized to analyze similarities of different crimes to connect them to a common offender. The more useful the LPR data is for crime analysis purposes, the more likely a law enforcement agency can justify a longer retention period for the information.

LPR data may also serve important officer safety needs. For example, it can be useful for officers to know that a vehicle was near a domestic violence call or was previously involved in a suspect's use of violence toward police officials. Where the LPR data is likely to improve officer safety, law enforcement agencies may establish a longer retention period for the information.

Some criteria, however, may reduce the potential future usefulness of information and counsel a shorter retention period for LPR data. Retaining vast amounts of data for long periods may undermine the usefulness of an information system over time. Depending upon its capabilities, the overall performance of an information system may decrease as the amount of data stored increases. Not only might it take longer for the system to search its vast repository of data, but the system might also return too much information for a user to sort through effectively.

Thus, processing, analysis, and user limitations of a LPR system caution against overly broad interpretations and expectations of the potential future usefulness of LPR data. These criteria also counsel a shorter retention period for LPR data that is not likely to generate a useful investigative lead, inform a crime analysis technique, or enhance officer safety.

Another consideration that might reduce the potential usefulness of information is lack of public support of the LPR system and its information practices. A law enforcement agency may wish to consider the public's reasonable expectations of how LPR data may be used in the future when developing a retention period for LPR data. In most instances, the public's expectations likely are parallel to the justice system's practices; this is true especially in regard to generating future leads, informing crime analyses, and helping to ensure officer safety. Upsetting reasonable expectations can subject an information system to intense public scrutiny and lead to formal resistance to not only a LPR program but future information systems as well. When taking the public's expectations into account, it is useful to consider the availability of a substitute source

[70] The 9/11 Commission Report found that it took between two and four years to plan and carry out the attacks against the World Trade Center.

of information that would meet the same need but not contain the same risks of alienating the public's trust and confidence in the justice system, such as electronically compiled traffic warnings and citations.

(c.) Relative sensitivity of the LPR data

Part 1 of this Report has already discussed the limits of LPR data to identify individuals and concluded that LPR data is not alone personally identifying. Part 2 cautioned against combining LPR data with other personally identifying data because the LPR data relates only to the vehicle's whereabouts and not necessarily the registered owner or occupant.

Nevertheless, LPR data may be considered sensitive for the purposes of setting a retention period because: (1) it can serve as a gateway to other, more personally identifying information; and (2) the locations from which the LPR data was collected may be considered potentially sensitive. Locations which may be considered sensitive may include, but are not limited to, churches, doctor's offices, clinics, and protest staging areas.

The public's perception that the law enforcement agency will protect the LPR data from improper disclosure is a significant criterion when establishing a retention period. The higher the public's confidence in the law enforcement agency, the more receptive the public may be to a longer retention period. Conversely, if public confidence in the agency's ability to maintain the confidentiality and security of the LPR data is low,[71] a shorter retention period may be advised.

(d.) Quality of LPR data

Although it seems intuitive that reliable LPR data that is accurately attributed to the right vehicles may be retained longer than LPR data that is of lesser quality or from a less reliable source, data quality is not a very useful criteria in the development of a retention period. Law enforcement agencies do not have any control over the quality of LPR photographs or OCR reads of those images. Moreover, even inaccurate OCR reads can yield positive results because the contextual photo may still contain valuable data. Thus, arguments that LPR data should be retained for a shorter period of time due to the uncertain quality of the information are unlikely to be persuasive.

(e.) Technologically implemented policy controls

Information technologies can be utilized to address potential risks of harm associated with accidental and abusive disclosure of the information. Policy controls that can be technologically implemented as part of a law enforcement data system include, but are not limited to, rule-based processing functions, selective revelation of data, encryption, and audit trails. Implementing policy controls promote the public's confidence in a law

[71] Public confidence in a law enforcement agency's ability to maintain the confidentiality of LPR data could be reduced due to the scope of that jurisdiction's freedom of information act.

enforcement agency's abilities to keep LPR data confidential and to limit misuse of the data by authorized and unauthorized users.

Where law enforcement agencies have reduced the risks of improper disclosure of LPR data through training and technologically imposed access restrictions on the data, a longer retention period may be appropriate. Where only minimal training or access restrictions are present a shorter retention period may be advised to reduce the amount of data in the LPR system available for inadvertent disclosure or purposeful misuse.

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Part 7. Quality of LPR data

Data quality concerns implicated by the operation of a LPR program surround the quality of the license plate data collected by LPR cameras as well as the quality of the information contained on the hot lists that are uploaded to the system. This Part introduces the concept of information quality, describes the data quality issues surrounding OCR reads taken from contextual photos, and briefly discusses the accuracy of information contained in hot lists uploaded onto a LPR system.

A. INFORMATION QUALITY, CONCEPTUALLY

Information quality is a multidimensional concept encompassing critical relationships among multiple attributes.[72] For instance, the quality of a particular set of information can be expressed, among other ways, as the extent to which the data is: (a) available or easily and quickly retrievable; (b) appropriate for the task at hand; (c) regarded as true and credible; (d) easy to interpret and apply to different tasks; (e) correct and reliable; or (f) unbiased, unprejudiced, and impartial.[73] Together, these attributes contribute to the validity of the information as it is used to make informed decisions. Good information quality is the cornerstone for sound decisions by law enforcement officers and inspires trust in the criminal justice system and in the agencies that use information.

Data quality takes on significant importance in the development of information sharing policies. Law enforcement agencies may be more reluctant to share data that is of poor or uncertain quality, preferring instead to share data that can be verified as accurate. Restricting the dissemination of potentially inaccurate data helps to limit the possibility that subsequent users will act or rely upon erroneous information.

Incorporating data quality principles into a privacy or information management policy requires a careful consideration of the accuracy of data contained in the information system and the documentation of the protocols that will be used to locate and correct erroneous information.

[72] U.S. Dept. of Justice, *Information Quality: The Foundation for Justice Decision Making*, 1 (Feb. 2008) available on-line at http://www.it.ojp.gov/documents/IQ_Fact_Sheet_Final.pdf.
[73] *Id.* at 2.

B. ACCURACY OF LPR COLLECTION OF LICENSE PLATE NUMBERS

LPR cameras capture images of vehicles and license plates; optical character recognition (OCR) software utilizing sophisticated algorithms translate the alphanumeric characters on each license plate into an electronically readable format. The image collected by a LPR camera is maintained in the information system to provide a means of ensuring that the license plate number was properly converted into an electronically readable format.[74] A LPR system's ability to accurately identify the characters on a license plate lies at the heart of the data quality issue.

1. OCR ACCURACY

Many variables affect OCR accuracy. Each state has multiple license plate designs and plates vary significantly from state to state. For maximum effectiveness, LPR systems must be properly configured to recognize the design and layout of plates most likely to be encountered in the area of operation. The shape of the characters, amount of contrast between a particular state's background and the color of the license plate's characters, and whether the characters are raised or flat can all impact the accuracy of the OCR read.

Poor image resolution, and thus poor character recognition, can be the result of several factors. License plates can be too far away for the capabilities of the LPR camera to capture and motion blur can also occur. Poor lighting and low contrast due to overexposure, reflection, adverse weather conditions, or shadows can also result in a poor image quality. Occasionally, an object might obscure all or a portion of the license plate and interfere with accurate OCR. Oftentimes the object is a tow bar, dirt on the license plate, or a loaded bike rack; other times the object may be a LPR circumvention device.

Increasing the height of the LPR camera may correct some of these problems; however, changing the position of the LPR camera with respect to the license plate it is supposed to read may require the system to adjust for the new orientation and increased skew of the license plate.

From time to time, states may make significant changes in their license plate formats and designs that can substantially impact OCR accuracy. For instance, a state might add a character or issue a new license plate design. LPR systems must adapt to these changes quickly in order to remain effective.

Sometimes the letter D is mistaken for a Q or an O. Other times, the characters on the license plate are sometimes cut off from the frame of the image; when this occurs, the OCR software may incorrectly read an E as an F or a Z as a 7. Some colors, especially reddish tones, may be difficult for LPR system OCR software to read. Learning the type

[74] Law enforcement agencies should not strip the image from the OCR information in order to save storage space; the OCR information cannot be verified without the contextual photo.

of mistakes LPR system's OCR software makes can help investigators run queries on potentially-misread license plate numbers.

2. COMPARISON OF OCR INFORMATION WITH HOT LIST DATA

Another data quality challenge involves the comparison of the OCR data with the license plate numbers on a hot list. States develop license plate number formats robust enough to provide unique serials for all the motor vehicles the jurisdiction expects to register. Less-populous states may use six-character formats whereas more populous states may choose to utilize a seven-character format.[75] Complicating this factor is the fact that multiple states may utilize the same alphanumerical formats; for example, neighboring states may use three letters followed by four numbers. Thus, two cars from different jurisdictions could have the same number, but different license plate designs.[76] This means that each time a law enforcement officer is alerted to the proximity of a vehicle displaying a license plane number contained on a hot list, the user should make certain that the plate that caused the alert matches the hot list data.

C. ROUTINE DATA QUALITY AUDITS OF INFORMATION SYSTEMS

Although law enforcement officers are able to visually confirm an OCR read against the contextual image, regular and systematic audits can also ensure that the quality of data contained in the LPR system remains high. There is also considerable precedent for subjecting law enforcement computer systems to data quality audits.[77] Data quality audits are distinct from system usage audits and focus on the accuracy of the information. In the context of a LPR system data quality audits would concentrate on measuring the accuracy of the OCR output when compared with contextual images.

As discussed above in Part 6, law enforcement agencies have no way to influence the accuracy of the OCR performed upon an image captured by a LPR camera. Nevertheless, law enforcement agencies will rely upon the accuracy of LPR data as they conduct their investigations. Conducting data quality audits is another method of ensuring that law enforcement officers rely upon accurate and complete LPR data. Data quality audits also have the ability to identify routine errors made by OCR software thereby identifying concrete areas for future improvement.

[75] Delaware and Rhode Island are able to use formats of 123456 and 123-456, respectively, while several populous states use seven-character formats, including 1ABC234 in California, AB1-C234 in Texas, A12-3456 in Illinois, and ABC-1234 in New York, Pennsylvania, Ohio, Georgia, North Carolina, Virginia, and Arizona.

[76] This is also common in the area of vanity license plates.

[77] Mandatory audits are routinely conducted of official criminal history record information (CHRI) repositories to measure the accuracy, completeness, and timeliness of their data. *See* 28 C.F.R. § 20.21(e). These audits are one of the reasons the justice system and society have deemed official CHRI records reliable enough on which to base important decisions affecting individuals' liberty interests.

Law enforcement agencies should develop procedures for identifying and correcting inaccurate OCR reads. Data corrections may be performed on an *ad hoc* basis by investigators as they utilize the LPR system in the course of their investigations or by auditors conducting a formal data quality audit.

D. ACCURACY OF INFORMATION CONTAINED IN HOT LISTS

It is axiomatic that law enforcement officers would have access to the license plate numbers contained on any LPR hot lists. Nevertheless, many hot lists are compiled or administered by entities other than the law enforcement agency utilizing the LPR system. This means that law enforcement agencies frequently do not have supporting documentation regarding why a particular license plate number is on a particular hot list.

Because law enforcement officers will act upon a LPR system hit, it is important that information contained in hot lists is accurate. NCIC requires that records entered into the vehicles hot list be double checked by a second party to verify that the data entered matches that contained in an investigative file.[78]

Law enforcement agencies utilizing a LPR system may develop procedures to verify with the hot list's author that a license plate number is properly on the list prior to taking certain arrest-type actions. Thus agencies compiling hot lists for later use in an LRP system should maintain records sufficient to verify the accuracy of the hot list data.

The heads of law enforcement agencies are ultimately responsible for determining which hot lists will be uploaded onto the agency's LPR system and what actions officers take in response to a LPR hit. Agencies may want to establish some criteria for determining which hot lists will be uploaded onto the LPR system. Those criteria may include indicia of the hot list's accuracy and the ease with which law enforcement officials can verify, from the field, that a particular license plate number properly belongs on the hot list. Moreover, law enforcement agencies utilizing a LPR hot list should take steps to confirm which agency (i.e., the law enforcement agency utilizing the LPR system or the agency that authored the hot list) is ultimately responsible for the quality of the data contained on the hot list.

E. NO INDIVIDUAL RIGHT TO ACCESS OR CHALLENGE LPR DATA

As LPR data alone is not personally identifiable, there is no need to extend to individuals a right to access or challenge LPR data concerning the vehicles registered in their name.

[78] U.S. Dept. of Justice, Federal Bureau of Investigation, *National Crime Information Center Mandatory Minimum Standards Curriculum for Full Access Terminal Operations*, LPF-17; LPR-22 (1992) available on-line at: http://www.eric.ed.gov/ERICWebPortal/custom/portlets/recordDetails/detailmini.jsp?_nfpb=true&_&ERICExtSearch_SearchValue_0=ED354315&ERICExtSearch_SearchType_0=no&accno=ED354315.

Moreover, LPR systems simply collect and compile images of vehicles (and in some instances vehicle occupants) that pass within range of a LPR camera. That contextual picture depicts the scene captured by the LPR camera; there is no basis under which an individual could reasonably challenge the contents of the photograph. Furthermore, there is less of a need to provide individuals with an opportunity to access LPR data because the information is not released to the public.

Nor is it appropriate or necessary to grant individuals access to review or challenge hot list information since doing so would likely interfere with pending or future investigations. Although federal statutes grant individuals a right to access and challenge to certain criminal justice related information concerning them,[79] there is no comparable right to investigative information.[80] Additionally, hot lists enhance law enforcement agencies' ability to detect crime and provide critical officer safety information. Thus, LPR hot lists, which consist only of license plate numbers, are not the type of personally identifying information that would ordinarily be subject to an individual's right to access and challenge.

[79] *See* 28 C.F.R. § 20.21(g)(1).

[80] *See* 28 C.F.R. § 20.3(d) (excluding investigative information from the definition of criminal history record information).

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Part 8. Accountability for LPR data

Many privacy concerns can be mitigated by holding law enforcement agencies accountable for the information they collect and how they subsequently use that information. This Part describes several methods by which agencies can ensure that they are complying with applicable policies regarding the appropriate collection and use of LPR data. Utilizing tamper-proof audit trails combined with oversight in the form of real-time monitoring and subsequent analysis of LPR system usage can provide a check on the privacy concerns described earlier in this Report.[81] Training authorized users is also a critical accountability measure.

A. AUDIT LOGS

The primary goal of maintaining audit logs is to deter and discover users' abuse and misuse of a LPR system. Programmatic audit trails should be built into LPR systems and such logs should be checked for inconsistencies that raise a suspicion of abuse. Law enforcement officers may be discouraged from requesting LPR data if they know that their access to that data is being monitored and recorded; nevertheless, such audit capabilities can be an effective means to discourage unnecessary or inappropriate use of LPR data and trace any improper uses to the offending party.

In order to facilitate the periodic and random audits necessary to monitor user compliance with relevant laws and policies, audit logs should include certain information. Specifically, queries to a LPR system should be logged and include: (1) the identity of the user initiating the query; (2) the license plate number or other data elements used to query the LPR system; (3) the date and time of the inquiry; and (4) the response to the user's query.

B. SECONDARY DISSEMINATION LOGS

Since LPR data is for official use only, and because LPR data is collected for specified purposes, instances where LPR data is disseminated outside the originating agency should be documented in a secondary dissemination log. Such logs, like programmatic audit trails, help law enforcement agencies monitor the use of LPR data. When information from a LPR system is disseminated outside the law enforcement agency, a

[81] See K. A. Taipale, *Technology, Security And Privacy: The Fear of Frankenstein, the Mythology of Privacy and the Lessons of King Ludd*, 7 YALE J.L. & TECH. 123, 151 (2005).

log should be maintained that contains: (1) a description of the LPR data disseminated; (2) the date and time the information was released; (3) the identity of the individual to whom the information was released, including their agency and contact information; and (4) the purpose for which the LPR data will subsequently be used.[82]

C. MONITORING AND CONDUCTING AUDITS OF SYSTEM USE

Audits of LPR systems help to ensure that law enforcement agencies are operating in accordance with the policies developed to regulate the collection, use, and dissemination of LPR data. An audit of a LPR system involves an evaluation of the law enforcement agency's operations as recorded in its audit logs to determine if the agency is administering its LPR system in accordance with its information management policies. LPR system audits should focus on ensuring that LPR data is only disclosed to authorized users and that the information is utilized for official purposes only. To do this, auditors should be familiar with common misuses of LPR data.

Existing law enforcement data systems already have policies that include prohibitions against misuse of criminal justice data; those policies also frequently impose penalties for such misuse. These existing policies may inform information management policies against misuse of data contained in a LPR system.

D. POLICY AWARENESS AND TRAINING

Personnel employed by law enforcement agencies should be informed about why policies limiting access, use, and dissemination of LPR data are important and how those policies protect the agency and the public. Moreover policy education and awareness surrounding LPR systems is a continual process that must be regularly updated as laws and regulations governing LPR data or law enforcement's access to information change over time.

Each law enforcement agency will have the responsibility of ensuring that its employees have completed training about the appropriate use and sharing of LPR data. LPR system policies should be easily accessible by law enforcement agency employees and, depending upon the level of detail, available to the public as well.[83] Users should be educated and informed about how LPR policies will be enforced, including any penalties for committing violations of the policy provisions.

Law enforcement agencies may consider having each individual with access to the LPR data acknowledge their access to and thorough understanding of LPR system policies.

[82] The DPPA contains a similar requirement; see 18 U.S.C. § 2721(c).

[83] Where LPR system policies are considered too detailed, law enforcement agencies may consider developing a guidance document to inform the public, in general terms, of practices and procedures developed to address privacy concerns surrounding LPR data.

Law enforcement agencies should monitor relevant legislative and regulatory activity and update LPR system policies accordingly. When policies are updated, those individuals having access to LPR data should be informed of the changes and when those new terms take effect.

A:1

Appendix 1: 2007 Resolution on LPR Systems

In 2007, the International Association of Chiefs of Police ("IACP") passed the attached resolution in support of License Plate Reader (LPR) technology. The resolutions adopted by the IACP at the114th Annual Conference in New Orleans, Louisiana on October 16, 2007 are available on-line at http://www.iacp.org/resolution/2007Resolutions.pdf.

INTERNATIONAL ASSOCIATION OF CHIEFS OF POLICE

RESOLUTION

Adopted at the 114th Annual Conference
New Orleans, Louisiana
October 16, 2007

SUPPORT FOR LICENSE PLATE READER SYSTEMS

Submitted by the Narcotics & Dangerous Drugs Committee
NDD.020.a07

WHEREAS, effective anticrime programs are effective antiterrorism programs; and evidence indicates that terrorist organizations which are funded in part by the sale of illegal drugs adds a new dimension to the need for continued investigation of narcotics related crime; and

WHEREAS, license plate reader and related digital photographing systems at border checkpoints incorporate the use of technology that provides a searchable database, including associated photographic images; license plate information; and statistical data such as date, time, and entry lane; and

WHEREAS, license plate reader systems and related digital photographing systems, working in combination with existing law enforcement databases, have the potential capability of identifying conveyances used for illegal activity, including the transportation of drugs and bulk cash; and

WHEREAS, law enforcement intelligence information may be shared more efficiently through greater use of technology and information sharing programs such as license plate reader systems to help ensure that investigative links are made to organized drug trafficking and related crime to the maximum extent possible; and

WHEREAS, all countries are encouraged to use technology such as license plate reader and related digital photographing systems, where practical, to share appropriate law enforcement information; and

WHEREAS, license plate reader and related digital photographing systems provide law enforcement with important tools necessary to combat all types of crime and is particularly useful in combating narcotics trafficking; and

WHEREAS, a significant commitment of resources will be required by federal, state, and local law entities to fully take advantage of this emerging technology; now, therefore, be it

RESOLVED that the International Association of Chiefs of Police duly assembled at its 114th Annual Conference in New Orleans, Louisiana, strongly encourages the U.S. Congress to fully fund license plate reader and related digital photographing systems, including interrelated

information sharing networks, for the northern and southern borders of the United States; and, be it

FURTHER RESOLVED that all countries are encouraged to use like technology, to the extent possible, to share appropriate law enforcement information; and be it

FURTHER RESOLVED that the IACP supports the development of a comprehensive License Plate Reader guide for law enforcement executives that addresses current technologies; best practices; privacy issues, legal implications, and open source data systems.

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Appendix 2: Issues Document

Issue identification: Privacy issues concerning the utilization of automated license plate readers is attached to provide additional context and areas of privacy concern that may not have been directly addressed in the PIA Report.

Issue identification:

Privacy issues concerning the utilization of automated license plate readers

March 24, 2009

INTRODUCTION

Law enforcement agencies across the country are utilizing or seeking to utilize automated license plate readers. There is currently no uniform guidance concerning the appropriate collection, use, dissemination, and retention of information collected by automated license plate readers. This is problematic because collecting license plate data, which is frequently associated with or connected to personally identifiable information concerning individual drivers, could be considered a form of surveillance. Assessing the privacy risks associated with the broad use of automated license plate readers and developing policies to address those risks will help ensure that license plate data is managed in such a way as to meet public safety needs while protecting individuals' privacy interests.

This document represents the Automated License Plate Reader Policy Working Group's efforts to document the privacy concerns that should be addressed by any criminal justice agency utilizing automated license plate readers or data collected by another agency's use of these devices.

This document is intended to continually evolve as additional uses for license plate reader information come to light. It will lay the foundation for the development of a guidance document intended to: (1) assess the impact of automated license plate readers on the public's privacy interests; and (2) propose procedures and policies intended to protect the public's privacy interests while meeting the goals of law enforcement.

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1. General privacy considerations

A. LICENSE PLATE NUMBERS AS PERSONALLY IDENTIFIABLE INFORMATION

Although license plates function primarily to uniquely identify automobiles, there is no doubt that many of the anticipated uses of license plate data involve acquiring the identity of the registered owner of the automobile. It is important to note that, because most law enforcement data systems have been designed with traffic stops in mind, it is very easy for a police officer to obtain information about vehicle owners and drivers from license plate information.

(1.) Because the license plate number operates in such a manner as to link the vehicle to its registered owner, should license plate numbers be discussed or treated in a manner similar to personally identifiable information?
(2.) Does it matter that law enforcement agencies and DMVs and their authorized employees are the only individuals able to access personally identifiable information from license plate data?
(3.) What anticipated uses of recorded license plate numbers involve accessing personally identifiable information about the vehicle's register owner?
(4.) What anticipated uses of recorded license plate numbers involve the mere monitoring or otherwise identifying a vehicle?

B. PUBLIC'S PERCEPTIONS OF AUTOMATED COLLECTION OF LICENSE PLATE DATA

There is no controlling legal precedent directly addressing the privacy implications surrounding law enforcement agencies' use of automated license plate readers ("LPRs"). Even though analogous cases suggest that the use of LPRs does not violate constitutional privacy protections, this does not mean that the public's perceptions of the use of this technology are addressed; nor should the fact that license plate numbers are publicly displayed end the inquiry.

It is likely that the public would consider the use of LPRs as a form of surveillance. Surveillance is the watching, listening to, or recording of an individual's activities. The potential harm of surveillance comes from its use as a tool of social control. The mere possibility of surveillance has the potential to make people feel extremely uncomfortable, cause people to alter their behavior, and lead to self-censorship and inhibition. Too much social control can adversely impact freedom, creativity, and self-development.

(1.) It may be desirable to educate the public as to what information is collected by LPRs, how that information will be used, what information is available to criminal justice agencies and what information is available to the public. Are there any risks of informing the public about an agency's utilization of LPRs and how the information will be used?

(2.) One of the most important notions underlying the Fair Information Practices[1] is the concept of notice; specifically, people should be informed when information about them is being collected in order to make an informed decision as to whether and to what extent to disclose information about them. In the context of LPRs, this would involve posting signs explaining to motorists that their license plates are being electronically read and recorded, thus affording them an opportunity to take a different route if they desired. Should motorists be informed of the presence of fixed and mobile LPRs?

(3.) Driving is considered by state governments as a privilege and not a right. How does treating driving as a privilege affect the nature of the data collection and the public's perceptions of the surveillance?

C. ADDRESSING THE CONCEPT OF PRACTICAL OBSCURITY

Privacy issues will always be generated by the collection and storage of information about the behavior of people not suspected of criminal activity regardless of whether that information is recorded by hand or compiled electronically. License plates function to uniquely identify automobiles. Frequently, license plate numbers are associated with the vehicle owner's driver's license number, which functions to uniquely identify the individual. Thus, automated license plate scanners have the potential to track the movement of individuals who have not committed and are not suspected of committing criminal acts.

Viewed in isolation, each piece of information created by one's day-to-day activities is not telling; however, viewed in combination, that information begins to paint a portrait of that individual's personality. It arises from the fact that data systems enable information from disparate sources to be easily collected and analyzed. In the context of LPRs, information such as a license plate number, while not in and of itself informative, provides access to a host of additional information such as the registered owner's identity and criminal history information.

The U.S. Supreme Court, in *U.S. Dept of Justice et al. v. Reporters Committee for Freedom of the Press*, 489 U.S. 749, 764 (1989), has recognized a difference, for purposes of evaluating privacy interests, between public records that might be found after a diligent search of courthouse files, county archives, and local police stations throughout the country and a computerized summary located in a single clearinghouse of information. Ultimately, the court ruled that the electronic compilation of otherwise publicly available but difficult to obtain records, altered the privacy interest implicated by disclosure of that information in such a way as to restrict the disclosure of the computerized summary of that information.

[1] The Fair Information Practices are addressed below in Section 1(E) of this document.

Manually recording license plate numbers of vehicles traveling near a particular location is an arduous and, depending upon the traffic conditions, impossible task without the use of camera technology. LPRs, however, can create summaries of all license plate numbers traveling past that camera. Just like in the *Reporters Committee* case, the use of advanced technology (i.e., LPRs) to compile otherwise difficult to obtain information (i.e., license plate numbers of every vehicle traveling past a particular location), even where that information is publicly and openly available, changes the public nature of that information and raises the privacy interests surrounding that information.

(1.) It is not enough that police are authorized to watch for and write down license plate numbers. The ability to collect vast quantities of license plate numbers and store them in a manner that facilitates analysis and tracking of vehicles carries with it privacy concerns. How does increasing the scale of the collection of data by means of LPRs remove practical obscurity as a source of privacy protection?
(2.) If license plate data is publicly available and is not cause for privacy concern, doesn't it stand to reason that law enforcement agencies would have no reason to deny any member of the public access to LPR data?
(3.) License plate data stored electronically may be combined with other data sources to create a more complete picture of individuals associated with certain vehicles. What other data sources may be combined with license plate data collected by LPRs?
(4.) Under what circumstances would the types of data identified in Issue 3 above be combined?

D. TYPES OF PRIVACY HARMS SURROUNDING THE USE OF LPRs

Poor data management can make people more vulnerable to harm (i.e., injuries to the individual's dignity, person, or financial well-being). Moreover, data collection activities, including but not limited to the use of LPRs, can upset the balance of social or institutional power in undesirable ways; the classic example of this issue is the potential chilling effect of being able to easily track individuals' vehicles and readily identify people based upon the vehicle they are driving. Privacy harms generally fall into four categories: information collection, information processing, information dissemination, and invasions.

(1.) <u>Surveillance</u> is the watching, listening to, or recording of an individual's activities. The potential privacy harm of surveillance is its potential use as a tool of social control: the mere possibility of surveillance has the potential to make people feel extremely uncomfortable, cause people to alter their behavior, and lead to self-censorship and inhibition. What is the potential surveillance impact of LPRs?

(2.) Identification is the act of connecting data to particular individuals. Identification enables surveillance by facilitating the monitoring of a person. The potential harm of identification is that it increases the government's power to control individuals. It can inhibit one's ability to be anonymous, which is important in so far as it protects people from bias based on their identities and enables people to vote, speak, and associate more freely by protecting them from the danger of reprisal. How can LPRs impact motorists' ability to associate and move freely?

(3.) Secondary use is the use of data for purposes unrelated to the purposes for which the data was initially collected without the data subject's consent. The potential privacy harm of secondary use is dignitary in nature in that it can undermine people's reasonable expectations as to the future use of the information about them. Another problem with secondary use is that data may be misunderstood when it is removed from its original context. What are the likely secondary uses of data collected by LPRs?

(4.) Aggregation is the gathering together of various pieces of information about a person. These issues are discussed in Section 1, Part C ADDRESSING THE CONCEPT OF PRACTICAL OBSCURITY above.

(5.) Breach of confidence involves breaking a promise to keep a person's information confidential. The harm caused by a breach of confidentiality is not simply that information has been disclosed, but that the promise made to the subject of the data has been broken. Protections against breach of confidentiality help promote certain relationships that depend upon trust, such as the relationship between citizens and their government. How will law enforcement agencies utilizing LPRs keep the license plate information confidential and secure?

(6.) Disclosure occurs when certain true information about a person is revealed that impacts the way others judge her character. The potential harm of disclosure involves the damage to an individual's reputation caused by the dissemination. Disclosure can also be a form of social control and carries with it the potential chilling effects associated with surveillance. How, when, and to whom will the data collected by LPRs be disseminated or disclosed?

E. FAIR INFORMATION PRACTICES

In 1973, the U.S. Department of Health, Education, and Welfare published a groundbreaking report responding to concerns that harmful consequences may result from the storing of personal information in computer systems. That report, entitled "Records, Computers and the Rights of Citizens," articulated several principles the Department deemed essential to the fair collection, use, storage, and dissemination of personal information by electronic information systems.[2] The report was one of the earliest acknowledgements by the federal

[2] U.S. DEP'T OF HEALTH, EDUC., & WELFARE, Records, Computers and the Rights of Citizens: Report of The Secretary's Advisory Committee on Automated Personal Data Systems xx-xxi (1973), available at

government that the public's privacy needed to be protected against arbitrary and abusive record-keeping practices. The report also recognized the need to establish standards of record-keeping practices appropriate for the computer age.

The Fair Information Practices are a set of standards governing the collection and use of personal data and addressing issues of privacy and accuracy. The practices include eight guiding principles that evolved from the 1973 report. Any privacy guidance for LPRs should consider incorporating the following principles.

(1.) Collection Limitation Principle – There should be limits to the collection of personal data and any such data should be obtained by lawful and fair means and, where appropriate, with the knowledge or consent of the data subject. Should certain criteria be met before using a license plate number acquired by an LPR to obtain the identity of the vehicle's registered owner?
(2.) Data Quality Principle – Personal data should be relevant to the purposes for which they are to be used, and, to the extent necessary for those purposes, should be accurate, complete and kept up-to-date. How accurately do LPRs record license plate numbers?
(3.) Purpose Specification Principle – The purposes for which personal data are collected should be specified not later than at the time of data collection. Additionally, the subsequent use should be limited to the fulfillment of those purposes or other compatible purposes.
(4.) Use Limitation Principle – Personal data should not be disclosed, made available or otherwise used for purposes other than those specified in accordance with the Purpose Specification Principle except: (a) with the consent of the data subject; or (b) by the authority of law.
(5.) Security Safeguards Principle – Personal data should be protected by reasonable security safeguards against such risks as loss or unauthorized access, destruction, use, modification or disclosure of data. This document focuses on privacy issues and will not discuss specific, technical security measures.
(6.) Openness Principle – There should be a general policy of openness about developments, practices, and policies with respect to personal data. Means should be readily available of establishing the existence and nature of personal data, and the main purposes of its use, as well as the identity and usual residence of the data controller. Will privacy guidance and/or the privacy policy regulating the use of LPR data be made available to the public?
(7.) Individual Participation Principle – An individual should have the right to: (a) obtain from a data controller, or otherwise, confirmation of whether or not the data controller has data relating to him; (b) have communicated to him,

http://aspe.hhs.gov/datacncl/1973privacy/tocprefacemembers.htm.

data relating to him within a reasonable time; at a charge, if any, that is not excessive; in a reasonable manner; and in a form that is readily intelligible to him; (c) be given reasons if a request made under subparagraphs (a) and (b) is denied, and to be able to challenge such denial; and (d) challenge data relating to him and, if the challenge is successful to have the data erased, rectified, completed or amended. Where license plate data is not utilized to access the identity of the registered owner of a vehicle, it is likely that this principle would not apply; nevertheless, should this principle be given effect for LPR data subsequently used to identify an individual's whereabouts?

(8.) Accountability Principle – A data controller should be accountable for complying with measures that give effect to the principles stated above. Accountability issues are discussed in their own section of this document.

2. Potential Uses of LPR data

Identifying the intended uses of LPR data is critical to assessing the privacy impact of law enforcement agencies' collection, analysis, and maintenance of license plate data. Moreover, how government agencies use the data they collect is of significant concern to the public. In accordance with the Purpose Specification and Use Limitation principles discussed above, a sound privacy policy should clearly identify appropriate and intended uses of the data contained in the information system.

A review of the existing literature concerning LPRs reveals five primary uses of LPR data; each anticipated use carries with it certain privacy risks that should be addressed.

A. CRIME ANALYSIS

Police agencies utilize crime analysis to prevent and suppress crime, apprehend offenders, and recover stolen property.[3] Crime analysis is usually conducted on offenses with discernable patterns and trends that can be prevented or reduced through the implementation of directed action plans.[4] A review of existing police crime analysis operations reveals that burglary, robbery, auto theft, larceny, fraud, sex crimes, aggravated assaults, and murder are the crimes most appropriate for crime analysis.[5]

There are three types of crime analysis: tactical, strategic, and administrative. Tactical analysis is the first priority of police departments.[6] Specifically, tactical crime analysis (a) detects crime patterns and series by studying and linking common elements of crimes;[7] (b) predicts when and where future events will

[3] Steven Gottlieb, *et al.*, Crime Analysis: From First Report to Final Arrest 14-16 (1994).
[4] *Id.*
[5] *Id.* at 133.
[6] *Id.* at 15.
[7] A crime pattern is merely a set of similar offences happening in a specific geographical area while a crime series is a crime pattern that appears to be done by either the same person or group of persons.

occur; and (c) provides information to officers regarding specific crime problems and is intended to result in the arrest of a suspect.[8]

Strategic crime analysis concentrates on long-term crime trends and is used to project where police presence should be increased or decreased. Administrative analysis, unlike tactical- and strategic crime analysis, interprets crime statistics categorized by economic, geographic, or social conditions and provides information for grant applications, feasibility studies, and city council reports.[9] Thus, administrative analysis provides information useful in running a police department while tactical and strategic crime analysis is intended to help the police department protect the public and enforce the criminal laws.

When law enforcement agencies talk about using LPR data to check crime series information to determine if the same vehicles are in the area of different crime scenes, they are referring to tactical crime analysis. Tactical crime analysis is used to determine who is doing what to whom and focuses on crimes against persons and property. Categories of data considered most useful for crime analysis are those relating to:[10]

- Geographic factors[11]
- Victim descriptors
- Physical evidence descriptors
- Suspect descriptors
- Time factors
- Property loss descriptors
- Specific *modus operandi* factors
- Suspect vehicle descriptors

(1.) What presumptions are inherent in tactical crime analysis with regard to vehicles?
(2.) Is it presumed that the registered owner of a vehicle is always the driver at the time the license plate number is recorded by an LPR?
(3.) Is it presumed that an individual is always near the location where his automobile is parked?
(4.) Is it presumed that an individual always parks near the location he intends to visit or reside?
(5.) Is it presumed that a registered owner always knows the identity of who is driving his vehicle at any given time?

Shawn A. Hutton & Mark Myrent, Incident-Based Crime Analysis Manual 34 (ILL. CRIM. J. INFO. AUTH. 1999).

[8] *Id.* at 7.

[9] Gottlieb, *supra* note 3 at 15 (stating that administrative analysis essentially includes the "nice to know stuff.").

[10] *Id.* at 128. Experienced analysts have found that the importance of each factor differs depending upon the type of crime being investigated. For example, suspect vehicle descriptors are more useful in determining whether a pattern of thefts from vehicles exists than a pattern of strong armed robberies. See *Id.* at 318-320.

[11] Spot maps can be of great assistance to the analyst. Nevertheless, spot maps will only depict crime patterns; additional information is necessary to determine if a crime pattern is also a crime series.

(6.) How do the presumptions involved in tactical crime influence when a license plate number collected by an LPR will be used to gather personally identifiable information about a vehicle's registered owner?
(7.) Are there ways that an individual's identity can be linked to a license plate number other than being a registered owner, perhaps through sex offender registration or gang member intelligence record?

B. ALERTS AND HOT LISTS

License plate numbers of stolen cars, vehicles owned by persons of interest, and vehicles associated with AMBER Alerts are routinely added to "hot lists" circulated among law enforcement officers. These lists serve an officer safety function as well as an investigatory purpose.

Hot lists are typically transferred daily and can be updated by an operator/officer in the field. Hot list information can come from a variety of sources, including but not limited to, stolen vehicle information from the National Insurance Crime Bureau and the National Crime Information Center (NCIC), as well as national AMBER Alerts and Department of Homeland Security watch lists. Departments of Motor Vehicles can provide lists of expired registration tags and police departments can also interface their own hot lists to the LPR system.

LPRs function in such a way as to notify an officer when a license plate on the hot list is observed; this can be the case for both fixed and mobile LPRs. LPR data can also be searched retroactively to identify a time and location of where a vehicle on a hot list was observed by the LPR camera.

(1.) What are the criteria for adding a license plate number to a hot list that would interface with an LPR?[12]
(2.) Do these criteria include or consider the proper attribution of a license plate number to an individual?
(3.) Is the license plate number on a hot list essentially being used as a proxy for the individual's name or other personally identifying information?
(4.) How are partial license plates handled for hot list purposes? (This may be a data quality issue as well.)
(5.) There may be instances where a license plate is incorrectly included on a hot list, perhaps because of an error in data entry or because the license plate number was attributed to the incorrect person. Is there a process or system in place to remove license plate numbers from hot lists or LPR systems in

[12] For instance, in order to activate an America's Missing: Broadcast Emergency Response (AMBER) Alert. A juvenile (a) must have been confirmed as abducted; (b) is under the age of 16 or has a proven mental or physical disability; and (c) is in danger of serious bodily injury. There also needs to be enough descriptive information to believe that a broadcast alert will help. Are there similar, quantifiable standards for other hot lists?

response to identified errors? (This may primarily concern data quality but is added here in the interest of completeness.)

C. TRACKING INDIVIDUALS

Many of the justifications for LPRs include an element of tracking individuals. It has been suggested that sharing LPR data across jurisdictions can assist law enforcement officials in tracking the movements of drug smugglers, money laundering operations, documented gang members, sex offenders, individuals on parole or wanted on warrants, and missing persons.

In instances of mass evacuations, it has been proposed that LPRs could be used to track not only how many vehicles have left an area but also as a means of tracking who has evacuated in an attempt to respond to calls asking about the welfare or evacuation status of a relative.

LPRs have also been used to record the license plate numbers of vehicles visiting or parked at or near several locations, including but not limited to certain businesses, bars and night clubs, car dealerships, gun shows, and schools. The recording of these license plate numbers has occasionally been used to create a working database in the event a problem or violent crime occurs at some point in the future. As cars can't answer questions, any investigation utilizing these license plate numbers would involve identifying the registered owner of the vehicles whose license plates have been recorded.

It has also been put forward that LPRs can be useful in enforcing geographic limitations on the movements of sex offenders, probationers and parolees, and people subject to orders of protection. LPRs can record the license plate numbers of vehicles parked or observed near certain locations such as schools and day care facilities, or residences and work addresses of people protected by court orders. These locations and individuals' license plates can be added to LPR systems to bring any violations to an officer's attention.

(1.) This collecting of information is a type of surveillance similar to the use of cameras utilizing facial recognition software. The license plate reader isn't just recording an image, it is collecting license plate numbers in an electronic manner that can be used, perhaps at some future point automatically and in real-time, to access various types of information about the person(s) associated with that license plate.
(2.) The uses described above rely heavily on matching a license plate number to a unique individual. How is this done and how reliable is this process? (This is also a data quality issue.)
(3.) Not everyone owns or operates an automobile, especially in large cities. Does the utilization of LPRs to track individuals raise issues of selective enforcement (e.g., it's easier to track and identify "bad guys" with cars so

these people become the focus of enforcement efforts instead of people who are harder to observe/track due to their lack of cars)?

(4.) How will law enforcement agencies utilizing LPRs address the potential chilling effects of increased, potentially large-scale surveillance of license plate information?

(5.) Should there be some sort of triggering mechanism (e.g., articulable suspicion that a crime or other violation has occurred) to authorize access to the location information of individuals?

(6.) When using LPRs to enforce geographic limitations on certain offenders (e.g., probationers, sex offenders, persons subject to orders of protection, etc.,), should the location information about these individuals be limited to those instances where the subject's vehicle was observed in a prohibited area, as opposed to obtaining a listing of all the locations, dates, and times where the vehicle was authorized to be?

D. IDENTIFY PREVIOUSLY-UNDETECTED CRIMES

The American criminal justice system has never been based upon a theory of total enforcement of the criminal laws. Police departments' responsibilities have continually increased due to the rising number of criminal and regulatory offenses at every level of government; there have not been equivalent increases in police resources. Where more responsibilities meet limited resources, a system of selective enforcement was informally established in which public officials at all levels exercise discretionary powers to determine whether an individual enters the criminal justice system and how that individual progresses through the system.

Several of the proposed uses of LPRs concern identifying or observing previously undetected criminal conduct. Specifically, agencies seeking to utilize LPRs have identified several instances involving the commission of crimes that prior to the utilization of LPRs would not only have be extremely difficult to detect by police officers but would only have been discovered by the individual's chance encounter with authorities. For example, data collected by LPRs could be used to enforce geographic limitations on the movements of sex offenders, probationers and parolees, and people subject to various court orders.

LPRs could also be used to help implement programs intended to more efficiently bring certain crimes to law enforcement officers' attention. Several states have programs to combat auto thefts that permit vehicle owners to provide written consent for their vehicles to be stopped without cause during late evening hours. LPRs can provide an efficient means of implementing such programs.

The failure to obtain and provide proof of mandatory car insurance is grounds for several states to suspend license plates and driver's licenses. Unless these

vehicles are operated in such a manner as to raise the suspicions of a police officer, these uninsured vehicles would remain undetected. Operating an uninsured vehicle puts the public in danger in the event of an accident. Police departments have expressed interest in utilizing LPRs to identify vehicles with registrations suspended for failing to obtain mandatory insurance coverage.

LPRs, like surveillance cameras, are excellent tools to figure out what has already happened. Although LPRs may serve some deterrent effect provided their use is overt, they provide no real capability to prevent a crime from occurring.

(1.) LPRs may be perceived by the public as a way to automate the criminal justice system. What types of human review and verification are employed before data collected by LPRs is used to make a determination about an individual?
(2.) Given a police department's available resources, will certain crimes detectable by LPRs be focused on more so than others?
(3.) Is license plate data collected by LPRs more useful to prove a violation after it has been reported to a police department or should police departments have a policy of affirmatively reviewing all LPR data for potential violations?
(4.) Are concerns about inequality (e.g., discrimination against or in favor of reviewing certain neighborhood's LPR data) raised by only reviewing some LPR data as opposed to all data?
(5.) In order to identify vehicles that may be operated by individuals with suspended, revoked, cancelled, or expired driver's licenses (hereafter "unlicensed drivers"), it will be necessary for license plates to be linked to individually identifiable drivers. How will this be done?
(6.) It would seem that identifying vehicles potentially being operated by an unlicensed driver would be a real-time enforcement activity.

E. REVENUE COLLECTION

Many states suspend or revoke license plates and driver's licenses for an individual's failure to pay fees, fines, or taxes owed to governmental entities. Municipal police departments can also compile or receive lists of license plates issued multiple parking violations. LPRs can bring to an officer's attention vehicles whose owners owe outstanding debts to the government.

Revenue collection is distinct from the concept of revenue generation. LPRs do not create a stream of revenue for a jurisdiction in the sense that they generate the issuance of a ticket or citation. Rather, LPRs only help identify those who have already committed a violation or offence and, as a result, owe a fine.

(1.) It can be argued that LPRs are being employed to maximize compliance with the laws and regulations of the jurisdiction, which are presumed to promote

the public's safety and well-being. Nevertheless, it is likely that such activities will be perceived as a revenue collection measure.

(2.) Whereas law enforcement may access a great quantity of personally identifying information concerning individuals to investigate crimes and protect public safety, the balance between collecting revenue and preserving the public's privacy rights is considerably different.

(3.) Will revenue collection efforts potentially involve the transfer or LPR data to other non-law enforcement entities?

(4.) Local and state government agencies owed outstanding debts may only have limited personally identifying information of the debtor and very likely lack an individual's license plate number. Information obtained from these agencies must then be matched up to a license plate record contained in a department of motor vehicle record. Thus, the data from at least two sources is combined before it even goes into an LPR system. Do revenue collection efforts create additional data quality concerns with regard to linking individuals who owe the government fees, fines, or taxes to license plates?

(5.) Are there instances where a city department other than a law enforcement entity will be utilizing LPRs? If so, how does that affect the preparation of a Privacy Impact Assessment Report?

3. Collection

A. LICENSE PLATES PROVIDE ACCESS TO PERSONALLY IDENTIFIABLE INFORMATION.

Although license plates don't directly include personally identifiable information, they are frequently associated, by means of computer inquiries, with an individual owner. Thus, a license plate number serves as the gateway to personally identifiable information. In fact, many of the potential uses of license plate data rely upon the premise that the registered owner of a vehicle is actually driving it. The mere collection of information regarding individuals implicates privacy concerns. Fewer concerns are raised by the collection of information about individuals premised upon some reasonable suspicion that they are acting unlawfully. Great concerns regarding the public's privacy interests are raised when the government collects information about individuals for investigatory purposes absent any suspicion of criminal wrongdoing.

(1.) Exactly what information are LPRs capable of collecting?

a. Optical Character Recognition (OCR) of license plate numbers;
b. Digital images of license plates as well as the vehicle's make and model;
c. Digital image of the vehicle's driver;
d. Images of distinguishing features (e.g., bumper stickers, damage);
e. State of registration;
f. Camera identification;
g. GPS coordinates or other location information;

h. Date and time of observation;
i. Other data elements?

(2.) What information will agencies actually collect from LPRs?
(3.) What factors inform the balance of the amount of data collected to address privacy concerns while still meeting legitimate law enforcement needs?
(4.) How does the fact that license plate numbers constitute potentially identifiable information affect the compilation, access, analysis, and dissemination of LPR data?
(5.) Should certain criteria be met before using a license plate number acquired by an LPR to obtain the identity of the vehicle's registered owner? If so, what are the most appropriate criteria?
(6.) In most states, the minimum age for an individual to be issued a drivers license is below the age of majority. Thus, at any given time, LPRs may be collecting information concerning minors. How does this potential to collect information concerning juveniles impact the collection, analysis, dissemination, and retention of LPR data?

B. LPR DEPLOYMENT

LPR systems can observe and record over 1,000 license plates an hour in various lighting and weather conditions. LPRs can be fixed, mobile, or portable. A fixed LPR is permanently mounted, usually to a bridge or a pole, where as a mobile unit is permanently mounted to a marked patrol vehicle. A portable LPR can be moved from vehicle to vehicle or deployed in a covert configuration.

(1.) Notifying the public about the collection of license plate numbers by LPRs will differ significantly depending upon the type of LPR deployed.
(2.) Do the three manners of LPR deployment change or otherwise impact the privacy concerns surrounding the collection of license plate numbers? If so, should privacy policy guidance address the manner of deployment that causes the most privacy concerns or should any guidance address the manners of deployment separately so that agencies can select a manner of deployment that suits their needs best?
(3.) When will covert deployments be necessary for law enforcement efforts?
(4.) What are the advantages of covert deployments?

C. NOTICE OF DATA COLLECTION

Not only do the Fair Information Practices counsel collecting only that information that is relevant or necessary, but that the collection of data about individuals should be done with the knowledge or consent of the data subject.

Under the openness principle, agencies should provide notice about how they collect, maintain, and disseminate personal information. Complete notices generally include statements that: (a) describe the main purposes for the data's use; (b) identify the entity responsible for the data; (c) identify those who may

access or receive the data; (d) explain whether providing the information is mandatory or voluntary and the consequences of failing to provide the information; and (e) inform the data subject of any rights he may have to access the data and rectify errors.

(1.) Will privacy guidance and/or the privacy policy regulating the use of LPR data be made available to the public?
(2.) Would distribution of the privacy policy itself provide sufficient notice?
(3.) Is notification to individuals whose information has been collected made after covert deployment has been conducted? Should such a notification be made? What are the resource implications of providing this notice? Is this administratively burdensome?
(4.) Does the public know that the cameras they pass on roads are fixed LPRs by signage? By any other means?
(5.) How can the public be notified about an agency's utilization of mobile LPRs?
(6.) The Fair Information Practices also hold that agencies should communicate to affected individuals when personally identifiable information about them is requested or released to other parties. Should compliance with this requirement be applicable to LPR data? Would such compliance be unduly burdensome to the efficient administration of justice?

D. "OWNERSHIP" OF LPR SYSTEM DATA

Clearly establishing which entities have authority over and bear responsibility for the data contributed to the LPR system is of paramount importance. The concept of ownership, while complex in any plan to share electronic data, is critically important to identifying which entities are responsible for ensuring the proper management and treatment of the information as well as implementing any data quality safeguards.

(1.) What entity will ultimately be responsible for the operation of LPRs and the data collected by them?
(2.) What entity will ensure that data collected by LPRs is of sound quality?
(3.) What factors go into the determination of whether to share LPR data across jurisdictions?
(4.) Will the entity from which LPR data originates (i.e., the data "owner") maintain any controls on the subsequent uses and disseminations of the data?

E. LAW ENFORCEMENT COLLECTION OF LPR DATA COMPILED BY OTHER ENTITIES

Police and other criminal justice agencies are not the only entities utilizing or seeking to utilize LPR cameras. For instance, some shopping centers and individual stores are installing fixed LPR cameras at their entrances to capture license plates numbers. LPRs are also used by private companies that facility auto repossessions. Other government entities also collect LPR data; a county

agency responsible for operating a center for care of the elderly is interested in installing fixed LPRs to operate in conjunction with CCTV surveillance of the premises. Some of this privately collected LPR data may be made available to law enforcement agencies or actively sought after by police departments.

(1.) Should LPR data collected by other agencies be managed differently than data collected by the law enforcement agency's own LPRs?
(2.) Should LPR data collected by a non-law enforcement agency be treated differently than LPR data collected by a law enforcement agency?
(3.) Does the sale of LPR data by a law enforcement agency resemble a commercial use? Because the Fair Information Practices were first developed to address commercial uses of data, would it be advisable for a law enforcement agency interested in selling its LPR data to incorporate the FIPs into its data management policies?
(4.) Would selling the data call into question an agencies' position that the data should be treated as confidential?

F. COMPILATION AND SUBMISSION OF "HOT LISTS"

Many of the potential uses of LPR data require the comparison of license plate numbers collected by an LPR to numbers contained on a previously compiled list. These hot lists may be compiled by the local police department utilizing LPRs or compiled by other state or federal government agencies. The purpose of these lists is to bring to law enforcement officials' attention whenever the vehicle or individual somehow associated with that vehicle is nearby so that police officers can act accordingly. Actions taken by police officers will vary depending upon the list that contains the vehicle's license plate number.

(1.) What hot lists are law enforcement agencies likely to utilize as part of an LPR program?
(2.) Under what authority are hot lists created and how does a license plate number get submitted or included on a hot list?
(3.) While some hot lists focus on identifying a particular vehicle (e.g., stolen cars, AMBER alerts, etc.), other lists seem to focus on trying to identify and locate specific individuals (e.g., sex offenders, wanted persons, etc.). What steps are taken to link an individual with a license plate?
(4.) Are the links between license plates and individuals verified or updated on a regular basis?
(5.) Various government agencies compile hot lists that law enforcement agencies may consider utilizing. Do hot lists developed by law enforcement agencies carry privacy implications different from hot lists developed by other government, but non-law enforcement agencies?
(6.) What is the range of actions police officials take when an LPR identifies a license plate number contained on a hot list? Do police take any steps to verify that a license plate number is properly on the hot list?

(7.) If an officer stops a vehicle due to its inclusion on a hot list, may the officer reveal to the driver the reason the license plate was added to the hot list or the name of the agency that created the hot list?

4. Access to and Dissemination of LPR Data

LPR systems that electronically collect, analyze, and share license plate number data have the potential to improve the criminal justice system by enhancing the types of data available to apprehend offenders and identify previously undiscovered criminal activity. LPR data, when appropriately shared, can reveal relationships among persons, places, vehicles, and activities that would not be readily apparent in a paper-based information-sharing environment.

A. SHARING LPR DATA AMONG LAW ENFORCEMENT AGENCIES

Police officials have a general duty to investigate crimes and criminal conduct. To fulfill this responsibility, police officials collect, analyze, disseminate, and retain a variety of information.

It has long been a basic tool of criminal investigators to start with known subjects, and, with proper authorization, to look for information about them and the people with whom they interact. LPR data could provide police officials with information concerning the possible location of individuals and, as a result, identify new individuals for investigation because of their connection with a suspect or incident location. Although some of the connections revealed by an analysis of LPR data may be tenuous, it is the role and responsibility of police officials to exhaust investigative leads.

(1.) It is axiomatic that the real-time operation of mobile and portable LPR units results in a police official's access to LPR data, most frequently in the form of notifications that officer is near a vehicle contained on a hot list.

(2.) There seems to be a distinction between (a) a notification to a police official that a vehicle bearing a license plate number that is also contained on a hot list and (b) accessing stored LPR data concerning the times and locations a vehicle was observed. It is proposed that these purposes for accessing LPR data be addressed separately. Can these purposes for access be referred to as: (a) "notification data" and (b) "historic LPR data"?

(3.) Should there be a triggering device before a police official can access LPR data contained in some type of data repository concerning the times and locations a vehicle was observed? If so, what should that trigger be (e.g., reasonable inference of criminal conduct, reasonable suspicion, demonstrable need to know)?

(4.) It is envisioned that LPR system data will be used in various forms of crime analysis. How will this crime analysis be conducted? What information will the results of the crime analysis contain and who may access these results?

(5.) Is the presence of a license plate number on a hot list, alone, sufficient to justify stopping a vehicle? After stopping a vehicle on the basis that it's license plate is on a hot list, should police officials have to verify that a license plate number is properly included on a hot list before taking any formal decisions regarding the vehicle or driver?

(6.) Although a location under the observation of an LPR remains fixed inside a local jurisdiction, many of the proposed purposes for collecting license plate data through the use of LPRs require the sharing of LPR data across jurisdictions. For example, in order to conduct an analysis of crime trends and series across jurisdictions may require submitting large quantities of historic LPR data to another agency or regional data repository. Alternatively, where another jurisdiction has already identified a vehicle of interest, it may be enough for a law enforcement agency to share the LPR data concerning that particular license plate number. How broadly will historic LPR data be shared across jurisdictions?

(7.) How will requests for LPR data be processed?

(8.) Will the originating agency impose any restrictions on the secondary dissemination of LPR data that it provides to other criminal justice agencies? If so, how will the originating agency ensure that those restrictions are followed?

B. SHARING LPR DATA WITH OTHER GOVERNMENT ENTITIES

Since the traditional sharing of investigatory information as a case progresses through the criminal justice system is already the subject of substantial amounts of case law and in some instance court supervision, this document does not address the subject. As a case progresses through the justice system, the LPR data is treated as any other type of evidence in the case. Thus, this document won't address the sharing of LPR data by a police department with a prosecutor's office.

One of the proposed purposes for the use of LPRs is to enforce geographic limitations on the movements of sex offenders, probationers and parolees, and people subject to orders of protection. This will require the exchange of license plate numbers, relevant geographic information, and actual observation data with agencies such as court clerks' offices, probation departments and departments of corrections.

Some individuals owe fees and fines to a variety of federal, state, and local governmental agencies. LPR technology can also be utilized as a tool to facilitate the collection of outstanding fees and fines owed to governmental entities.

(1.) For purposes of LPR data, are probation and corrections departments considered law enforcement agencies?

(2.) What types of LPR data will be shared with non-law enforcement agencies?

(3.) Under what circumstances should police officials share LPR data with non-law enforcement agencies?
(4.) What other government agencies are likely to request LPR data from a law enforcement agency and for what purposes?
(5.) Are probationers and those on parole or mandatory supervision required to provide a license plate number as a condition of supervision? Who may access such disclosures?
(6.) How does an individual who owes a governmental entity a fee or fine become associated with a license plate number?

C. PUBLIC ACCESS TO LPR DATA

A parallel can be made between the recordings of a license plate by an LPR to the recordings of a radio transponder used to electronically pay a toll. Individuals using radio transponders to pay tolls can frequently obtain a listing of the tolls they paid that includes the toll location, date, and time the vehicle passed the toll. This can be useful for monitoring the use of the transponder. In similar fashion, it is possible that agencies utilizing LPRs may receive requests for data as to the location, date, and time their license plate was recorded by an LPR.

LPR data, potentially including images of the vehicle and the driver, could be useful in line-ups, identifying vehicles involved in hit-and-run accidents, or seeking missing persons. In these and similar circumstances, law enforcement entities may want to affirmatively distribute LPR information to the public.

(1.) Every state has a freedom of information or "sunshine" law that provides the public with access to information maintained by government agencies. How will such requests for LPR data be handled? Are any statutory exemptions likely to permit an agency to withhold requested LPR data?
(2.) Will all LPR data be considered limited to criminal justice agencies or otherwise be considered law enforcement sensitive? Does categorizing LPR data as law enforcement sensitive provide any additional privacy protections to the public? Are there any potentially negative consequences to law enforcement of treating LPR data as law enforcement sensitive?
(3.) Under what public safety circumstances might a police agency seek to disseminate LPR data to the public?
(4.) How might LPR data be disseminated to the public? What methods of dissemination would likely be used?
(5.) Would LPR data be used in a photo array/line-up situation?
(6.) What criteria would be used to determine whether to disseminate LPR data about missing persons? Do certain factors related to age and competency of the missing person influence the public dissemination of LPR data?
(7.) Electronic data systems can create substantial quantities of statistical summary information. LPR systems can generate reports detailing, among

other things, the number of (a) license plates recorded by a certain camera during a requested time period, (b) times a certain license plate is recorded passing a particular camera, and (c) "hot list" license plates spotted versus the gross number of license plates recorded. Will LPR systems be designed to generate statistical summary information regarding their operations? What types of statistical summary information would be helpful in administering an LPR system?

(8.) Who may have access to statistical summary information generated by the LPR system?

D. ACCESS AND DISSEMINATION OF "HOT LIST" DATA

For purposes of clarity, this document separates LPR data from Hot List data. Section 3 (E) COMPILATION AND SUBMISSION OF "HOT LISTS" provides background information concerning the various types of hot lists likely to be utilized as part of an LPR system.

(1.) Are there any limits to the access and dissemination of hot lists? Can hearsay rules provide some guidance on the dissemination and secondary dissemination of hot list data?

(2.) How will requests for hot list data pursuant to a sunshine law be handled? Are any statutory exemptions likely to permit an agency to withhold requested hot list data? Are such exemptions permissive or must an agency withhold data if an exemption can be applied?

(3.) Are hot lists considered the "property" of the agency that compiles it? Does that ownership carry with it ultimate responsibility for the accuracy and completeness of the data contained in the list?

(4.) Is a local law enforcement agency's use of hot lists required by any statute or rule? Is the use of hot lists optional?

(5.) Who is entitled to see what license plate numbers are contained on a hot list?

(6.) What is the basis of any limitations on the public disclosure of hot list information? Are limits on such disclosure mandatory in nature?

(7.) Should there be limits placed on the types of hot lists that will be uploaded into an LPR system?

5. Retention

Although data retention periods were once necessitated by physical storage constraints, electronic storage of records has made the destruction of criminal justice information largely unnecessary. Thus, whether to retain LPR data indefinitely is a matter of policy that should take into consideration, among other things, the justice system's future need for the information as well as the public's reasonable expectations of privacy in the data. It may be important to note here that the Fair Information Practices call for the destruction of personal

information when it no longer serves its original processing purposes. Thus, destruction is included in the concept of retention.

(1.) Ultimately, we must determine how long LPR data should be retained. Alternatively, a set of standards could be developed that would assist local police departments in establishing their own retention periods. Which approach best suits the needs of agencies seeking to utilize LPRs?
(2.) Images collected by LPRs can be separated from the text-only data generated by OCR software. Should the image data be treated differently than the text-only data for purposes of establishing retention standards? If so, why, and how do those reasons impact the retention periods of the data?
(3.) What is the difference between a tactical use of LPR data and strategic uses? How do these different uses factor into establishing a reasonable retention period for LPR data?
(4.) How do state records retention acts and other laws created to aid in government oversight affect the determination of how long to retain LPR data?
(5.) What existing laws, regulations, or policies, if any, currently govern the retention and destruction of LPR data?
(6.) What does it mean to destroy LPR data?
(7.) Is LPR data the type of information that may become stale?
(8.) What factors might inform the establishment of data retention standards for LPR data?
    a. Statutes of limitation exist to encourage prompt investigations and prevent stale prosecutions. How do statutes of limitations impact the retention of LPR data that may be collected near a crime scene? Do statutes of limitation also impact the retention of LPR data not directly associated with a specific criminal event?
    b. Information collected as part of an investigation may have usefulness beyond the life of the case. Not only could information be part of a continuing series of acts (important for statute of limitations purposes), but information may be useful to generate leads for the investigation of subsequent crimes or for crime analysis purposes. Although LPR data may be used to conduct various forms of crime analysis discussed in Section 2(A) CRIME ANALYSIS above; there is also a strong undercurrent of pure surveillance to the utilization of LPRs. How do the potential uses of LPR data weigh in favor of or opposed to longer retention periods for LPR data?
    c. The quality of LPR data will likely weigh into any determination as to how long to retain license plate information collected by LPRs. It is submitted that information of a higher caliber and reliability and that is accurately attributed to the right individuals will weigh in favor of a longer retention period than information that is of lesser quality or from a less reliable source that is inaccurately complied.

d. The level of trust that the public has that the justice system will maintain the confidentiality of the data and use it appropriately is a substantial factor. The lower the level of trust, the higher the public's desire may be to destroy LPR data after a shorter time period.
e. Using information technologies to implement sound policy controls is one way to promote the public's confidence in the justice system's ability to keep sensitive information confidential and limit authorized users' misuse of the data. What technologically implemented policy controls are available concerning LPR data?
f. The social desirability of maintaining vast quantities of surveillance data on the travels of individuals via their license plates is also a key factor in the establishment of a retention period for LPR data.

(9.) Should retaining LPR data automatically include the ability to search the information with analytical tools, or could the LPR data just be stored for limited purposes (e.g., audit or subsequent verification)?

(10.) Is there going to be one centralized repository for retaining license plate data from multiple LPRs?

6. Accountability issues

Transparency surrounding how LPR data is managed, regardless of whether LPR data itself is available to the public, is important to promoting public confidence in an LPR program. Accountability issues arise throughout all stages of the LPR program, beginning with an agency's decision to utilize LPRs, continuing through the policy development stages, and finally to the implementation of those policies.

A. DECIDING TO USE LPRS

At some point an agency should formally decide whether to implement an LPRs program. Logistical and privacy issues should be discussed and a formal determination to procure and utilize LPRs should be documented.

(1.) Which entities ultimately approve the use of LPRs?

(2.) What deliberative process was utilized to determine whether to use LPRs in the jurisdiction?

(3.) Which entities will ultimately control the use of LPRs and the data they collect?

(4.) What are the potential misuses of LPR data and how can they be safeguarded against?

B. ACCOUNTABILITY DURING POLICY DEVELOPMENT

Although the privacy issues identified in this document are varied, they can all be addressed by holding the agencies utilizing LPRs accountable for securing the information they collect and how they subsequently use that information. Agencies should strive to provide sufficient oversight and transparency in the development and implementation of a privacy policy.

(1.) The stakeholders of any information system are usually those individuals whose information is being collected and those individuals who are using the information. Who are the stakeholders of an LPR program?
(2.) Will these stakeholders be contacted or approached to provide comments into the policy development processes?
(3.) Is there any reason to exclude certain stakeholder groups from the privacy policy development process?
(4.) Will there be a public comment period concerning a proposed data management or privacy policy for the LPR program? Will policy development meetings be open to the public?
(5.) Who will ultimately be responsible for the development of a policy governing the collection, access, use, dissemination, and retention of LPR data? Who will be responsible for the adoption of such a policy?

C. ACCOUNTABILITY PROVISIONS CONTAINED IN A PRIVACY POLICY

The Fair Information Practices, Section 1 (E) above, provide that a data controller should be accountable for complying with measures that give effect to privacy protections contained in its policies. There are several means of ensuring that agencies utilizing LPRs or the data collected by LPRs are complying with any applicable policies regarding their use.

(1.) Will LPRs systems utilize programmatic audit logs that document system notifications to users, user queries, and other entries into the LPR computer systems? What information should be contained in such a log?
(2.) Will the LPR system log maintain primary and secondary dissemination logs? How detailed do dissemination logs need to be?
(3.) Who will be responsible for monitoring use of LPR data and conducting audits of the use of LPR data?
(4.) Who will be responsible for investigating allegations that LPR data has been misused?
(5.) Are entities that receive LPR data going to be made subject to the terms of the privacy policy? Should entities that receive LPR data from an originating jurisdiction be required to identify an individual responsible for ensuring that the LPR data is properly managed?
(6.) Should individuals be able to challenge an agency's compliance with LPR policy provisions?
(7.) If individuals were permitted to allege misuse of LPR data or that an agency is otherwise failing to abide by LPR policies, how would such allegations be filed and how could frivolous challenges be avoided?
(8.) Do existing models for filing complaints about police service provide a sound framework for LPR complaints?
(9.) Are periodic compliance audits by an independent agency desirable? If so, what sorts of compliance issues should be audited? Should such audits

examine the LPR data itself as well as the appropriateness of the dissemination of the data?

(10.) What sort of penalties for non-compliance should be devised?

7. Data quality

Information quality is a multidimensional concept encompassing critical relationships among multiple attributes. For instance, the quality of a particular set of information can be expressed, among other ways, as the extent to which the data is: (a) available or easily and quickly retrievable; (b) appropriate for the task at hand; (c) regarded as true and credible; (d) easy to interpret and apply to different tasks; (e) correct and reliable; or (f) unbiased, unprejudiced, and impartial. Together, these attributes contribute to the validity of the information as it is used to make informed decisions. Good information quality is the cornerstone for sound decisions by justice practitioners and inspires trust in the justice system and in the agencies that use information.

Data quality concerns implicated by the operation of an LPR program will focus on the quality of the license plate data collected by the LPR cameras, as well as the quality of the information contributed to the system in the form of hot lists. The sharing of LPR data across jurisdictions is also likely to be affected by the quality of the system's information.

A. ACCURACY OF LPR COLLECTION OF LICENSE PLATE NUMBERS

(1.) Is there any human review of LPR data collection?

(2.) What is the accuracy of LPR cameras in their collection and recognition of license plate numbers? Is there an accuracy percent given by manufacturers (i.e. 98% of license plates are read with optical character recognition (OCR) accurately)? Is there an accuracy percent observed by individuals operating LPR cameras? Are these percentages comparable?

(3.) Several things may negatively affect LPR camera's ability to recognize a license plate, such the amount of contrast between a particular state's background and the color of the license plate's characters. Are there any known difficulties with LPR OCR software? For example, do LPRs have difficulty identifying certain novelty or out-of-state license plates?

(4.) What entity will be responsible ensuring the data collected by LPRs is of sound quality?

(5.) What entity will be responsible for identifying inaccuracies in LPR data and correcting them?

(6.) Regular and systematic audits are one way of ensuring that the quality of information used by justice practitioners remains high; there is considerable precedent for subjecting law enforcement information systems to data quality audits. Will LPR systems be subject to a routine audit requirement? What will be involved in implementing such a requirement?

(7.) Restricting the sharing of potentially inaccurate data is one way to limit the possibility that users in receipt of the information will act upon erroneous information. If the data collected by LPRs is of uncertain quality, will agencies restrict the sharing of their LPR data?

B. ACCURACY OF INFORMATION CONTAINED IN HOT LISTS

Many of the potential uses of LPR data depend in large part upon the quality of the hot lists that will be uploaded into police department computer systems. Little is publicly known about these hot lists and how they are compiled.

(1.) For what reasons are hot lists compiled?
(2.) Which hot lists concern officer safety and which do not?
(3.) Should hot lists that are officer safety related be treated differently than those that are not related to officer safety?
(4.) Because hot lists are compiled by different agencies, are there different rules governing access to the contents of each list? For example, is a hot list from a department of revenue containing license plates with outstanding parking tickets publicly disclosed while a hot list compiled by a police department containing sex offender license plates not?
(5.) Are there statistics concerning the accuracy of data contained in hot lists?
(6.) Is there any method for an individual to challenge their inclusion (or the inclusion of their vehicle's license plate number) on a hot list? If so, who provides this method, the list's authoring agency or the police department that is uploading the hot list into the LPR system?

C. PARTIAL LICENSE PLATES

There are several instances where witnesses are only able to provide partial license plates. As partial license plates are, by definition, incomplete, they create data quality concerns. Nevertheless, partial license plates serve important investigative purposes.

(1.) How do LPR systems handle notifications where partial license plate numbers are involved?
(2.) Should there be different policies concerning the entry of partial license plates onto hot lists or other notification lists?

D. RIGHTS TO ACCESS AND CHALLENGE LPR DATA

(1.) To what extent, if any, should individuals be afforded a right to review and challenge information about them or their license plates collected by an LPR? What factors would help to make this determination?
(2.) There would probably have to be a limitation on this right where it would interfere with a pending investigation.

(3.) Should the right to access and review, if granted, also include a listing of individuals and agencies to whom the information was previously disclosed?
(4.) If it were appropriate to grant individuals a right to access and challenge LPR data about them, what types of administrative procedures would need to be developed?
(5.) Could existing access and review provisions (e.g., those created for Criminal History Record Information) serve as a guide to access and review of other types of justice information? Should a provision be considered that is similar to the section of the Fair Credit Reporting Act that permits the subject of the information to append a narrative to the record that explains his version of it?

8. Intelligence issues

Intelligence analysis is a time consuming and labor-intensive process that focuses on organized crime such as narcotics smuggling, money laundering, gangs, terrorism, and auto theft rings.[13] Specifically, intelligence analysis is the study of criminal relationships and establishes links between known or suspected criminals and other suspected criminals or organizations.[14] It links suspects to criminal organizations or events to determine who is doing what with whom. This goal of intelligence analysis, to determine who is doing what with whom, does so by focusing on the relationships between persons and organizations. Surveillance information, including field observations and travel information collected by LPRs, about suspects and those associated with him are a key part of this type of crime analysis.[15]

There is concern about the government collecting information and creating dossiers about people in the absence of probable cause.

(1.) In what circumstances could LPR data be considered the type of surveillance data that may qualify as intelligence information?
(2.) Is intelligence data information collected on “bad guys” before they commit a crime or is it somehow related to information collected during the investigation of a crime that has already been committed?
(3.) How is intelligence information different from surveillance information? Is there a distinction?
(4.) Do the provisions of the Privacy Act and the Department of Justice’s intelligence systems regulations sufficiently protect the privacy interests of individuals under the surveillance of LPRs? If not, what protections should be

[13] Gottlieb, supra note 3 at 27, 33.
[14] *Id.* at 27.
[15] *Id.* at 28-31.

included in a policy designed to regulate the sharing of LPR information across jurisdictions?

9. Security

Privacy and security, while related, are not the same thing. Although privacy cannot be maintained without security, security alone does not guarantee privacy interests are being respected. The goal of this document is to identify the privacy issues that should be addressed prior to an agency's implementation of an LPR program. As such, this document acknowledges that security is a component of ensuring the effectuation of privacy policies, but does not go into particulars regarding technological security safeguards such as user IDs, passwords, encryption, and firewalls, which are best left to IT professionals.

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Appendix 3: List of Acronyms used in the PIA Report

DPPA	Driver's Privacy Protection Act, 18 U.S.C.A. §§ 2721-25
DMV	Department of Motor Vehicles
FOUO	For Official Use Only
GPS	Global Positioning System
IACP	International Association of Chiefs of Police
LEIM	Law Enforcement Information Management
LPR	License Plate Reader
MOU	Memorandum of Understanding
NCIC	National Crime Information Center
NIST	National Institute of Standards and Technology
OCR	Optical Character Recognition
PIA	Privacy Impact Assessment
PII	Personally Identifiable Information

A:4

Appendix 4: Footnote Reference List

[1] Most LPR systems capture multiple images of the same vehicle and then use the best image; other systems are capable of capturing more than one vehicle per second.
[2] Erika McCallister *et al.*, *Guide to Protecting the Confidentiality of Personally Identifiable Information (Draft)*, Special Publication No. 800-122, 2-1 (U.S. Dept of Commerce, National Institute of Standards and Technology, Jan. 2009) (adopting the definition of PII contained in OMB Memorandum 07-16, *Safeguarding Against and Responding to the Breach of Personally Identifiable Information*).
[3] *See Id.* at 2-2.
[4] *But see In re Charter Commc'ns*, 393 F.3d 771, 774 (8th Cir. 2005) (holding an IP address does not identify a user's name or mailing address); *Klimas v. Comcast Cable Comm'cns, Inc.*, 465 F.3d 271, 276 n.2 (6th Cir. 2006) (noting "that IP addresses do not in and of themselves reveal 'a subscriber's name, address, [or] social security number.' That information can only be gleaned if a list of subscribers is matched up with a list of their individual IP addresses."); *Johnson et al. v. Microsoft*, C06-0900RAJ Or. Granting Def.'s Mot. S.J. 7 (W.D. Wash. June 23, 2009) (ruling that "In order for 'personally identifiable information' to be personally identifiable, it must identify a person. But an IP address identifies a computer, and can do that only after matching the IP address to a list of a particular Internet service provider's subscribers.").
[5] On at least two occasions the U. S. Supreme Court has been confronted with whether an individual can be required to identify himself to the police during a Terry stop, but decided those cases on other grounds. *See Brown v. Texas*, 433 U.S. 47 (1979) (holding the underlying seizure illegal thereby avoiding the constitutional question) and *Kolender v. Lawson*, 461 U.S. 352 (1983) (holding a statute requiring a suspect to identify himself to police officers during a Terry stop void for vagueness and refusing to decide the issues of the constitutionality of compulsory identification). It wasn't until 2004 in *Hiibel v Sixth Judicial District Court of Nevada*, 542 U.S. 177, that the Court concluded that requiring suspects to identify themselves did not violate the Fourth or Fifth Amendments.
[6] The Act defines "personal information" as an "individual's photograph, social security number, driver identification number, name, address…telephone number, and medical or disability information"; the term does not include information on vehicular accidents, driving violations, and driver's status. 18 U.S.C. § 2725(3). In 2000, the Act was amended to create a new class of "highly restricted personal information." This includes an "individual's photograph or image, social security number, and medical or disability information" collected or maintained by a DMV. 18 U.S.C. § 2725(4).
[7] 18 U.S.C. § 2721(b)(1).
[8] 18 U.S.C. § 2721(b)(2).
[9] 18 U.S.C. § 2721(b)(4).
[10] The term For Official Use Only is used within the U.S. Department of Homeland Security to identify unclassified information of a sensitive nature, not otherwise categorized by statute or regulation, the unauthorized disclosure of which could adversely impact a person's privacy or welfare, the conduct of Federal programs, or other programs or operations essential to the national interest. LPR data may also fall into the federal information categorization of non-classified information being implemented pursuant to Executive Order 12958; under that system of categorization, LPR data may also be considered Controlled Unclassified Information (CUI) and may more specifically fall under the CUI category "Controlled, Special Dissemination." *See* Executive Order 12958 as amended by Executive Order 13292 at 68 Fed. Reg. 15315 (2004); *see also* White House *Memorandum for the*

Heads of Executive Departments and Agencies: Designation and Sharing of Controlled Unclassified Information (CUI) (May 7, 2008) available on-line at: http://www.archives.gov/cui/documents/designation_cui.pdf.

[11] Daniel J. Solove, *A Taxonomy of Privacy*, 154 U. PA. L. REV. 477, 490 (Jan. 2006).

[12] *Id.* at 493.

[13] One resident of a municipality considering the installation of LPRs who "[didn't] see too much harm in [LPRs]" admitted that a LPR system "still has the taint of Big Brother." Demian Bulwa, *Tiburon may install license plate cameras*, A-1 San Francisco Chronicle (July 10, 2009) http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2009/07/10/MNT6189U0U.DTL.

[14] As discussed in Part 4, LPR cameras can be fixed or mobile and can be deployed in an overt or covert manner.

[15] Solove, *supra* note 11 at 511.

[16] *Id.* at 514.

[17] *Id.* at 515.

[18] *Roberts v. United States Jaycees*, 468 U.S. 609, 617-618 (1984).

[19] *McIntyre v. Ohio Elections Comm'n*, 514 U.S. 334, 341-343 (1995) (citing *Talley v. California*, 362 U.S. 60, 62 (1960) (internal quotations and footnotes omitted)).

[20] *NAACP v. Alabama ex rel. Patterson*, 357 U.S. 449, 462 (1958). *See also Brown v. Socialist Workers' 74 Campaign Comm.*, 459 U.S. 87, 91 (1982) (holding that the "Constitution protects against the compelled disclosure of political associations").

[21] Solove, *supra* note 11 at 521.

[22] *Id.*

[23] *Id.* at 522.

[24] *Id.*

[25] The DPPA implements these three suggestions and specifically makes it "unlawful for any person knowingly to obtain or disclose personal information, from a motor vehicle record, for any use not permitted [by the Act]." 18 U.S.C. § 2722(a); *see also* text accompanying *supra* notes 6-9.

[26] Solove, *supra* note 11 at 507.

[27] *Id.* at 508.

[28] *See U.S. Department of Justice v. Reporters Committee for Freedom of the Press*, 489 U.S. 749, 764 (1989).

[29] *Id.* at 507.

[30] *Id.* at 508.

[31] *Id.* at 508-511.

[32] Moreover, there are no assurances that an inquiry into the license plate number will lead to the registered car, as in the case of stole license plates.

[33] *Id* at 527.

[34] *Id.*

[35] *Id.* at 531.

[36] Intl. Assn. of Chiefs of Police, *2007 Resolutions*, 51-52 (Oct. 16, 2007) available on-line at: http://www.iacp.org/resolution/2007Resolutions.pdf.

[37] Criminal Intelligence Information means data which has been evaluated to determine that it: (i) is relevant to the identification of and the criminal activity engaged in by an individual who or organization which is reasonably suspected of involvement in criminal activity, and (ii) meets criminal intelligence system submission criteria. 28 C.F.R. §23.3(b)(3).

[38] Technology is continually advancing. If LPR systems evolve to a level where they can read and compile data other than license plate numbers, the policy discussions contained in this Report will need to be supplemented.

[39] Steven Gottlieb, *et al.*, *Crime Analysis: From First Report to Final Arrest* 14-16 (Alpha 1994).

[40] *Id.*

[41] *Id.* at 133.

[42] *Id.* at 15.

[43] A crime pattern is merely a set of similar offences happening in a specific geographical area while a crime series is a crime pattern that appears to be done by either the same person or group of persons. Shawn A. Hutton & Mark Myrent, *Incident-Based Crime Analysis Manual* 34 (Ill. Crim. J. Info. Auth. 1999).

[44] Shawn A. Hutton & Mark Myrent, *Incident-Based Crime Analysis Manual* 7 (Ill. Crim. J. Info. Auth. 1999).

[45] Gottlieb, *supra* note 39 at 15 (stating that administrative analysis essentially includes the "nice to know stuff.").

[46] *Id.* at 128. Experienced analysts have found that the importance of each factor differs depending upon the type of crime being investigated. For example, suspect vehicle descriptors are more useful in determining whether a pattern of thefts from vehicles exists than a pattern of strong armed robberies. See *Id.* at 318-320.
[47] Spot maps can be of great assistance to the analyst. Nevertheless, spot maps will only depict crime patterns; additional information is necessary to determine if a crime pattern is also a crime series.
[48] *See* Jerry Ratcliffe, *Video Surveillance of Public Places*, 8-11 (U.S. Dept of Justice, Office of Community Oriented Policing Services Feb. 2006) (referring to closed-circuit television surveillance of public spaces).
[49] U.S. Dept. of Justice, *Recommended AMBER Alert Criteria*, (LT000498, Apr. 2005) available on-line at: http://www.ncjrs.gov/html/ojjdp/amberalert/PocketCard.pdf.
[50] U.S. DEP'T OF HEALTH, EDUC., & WELFARE, Records, Computers and the Rights of Citizens: Report of The Secretary's Advisory Committee on Automated Personal Data Systems xx-xxi (1973) (hereafter "HEW Report"), available at http://aspe.hhs.gov/datacncl/1973privacy/tocprefacemembers.htm.
[51] *Id.*
[52] NAT'L CRIM. JUST. ASS'N, Justice Information Privacy Guideline: Developing, Drafting and Assessing Privacy Policy for Justice Information Systems 22 (NCJA 2002) (hereafter "NCJA Guideline"), available at http://www.ncja.org/Content/NavigationMenu/PoliciesPractices/JusticeInformationPrivacyGuideline/privacyguideline.pdf
[53] Barbara Crutchfield George, *et al.*, *U.S. Multinational Employers: Navigating Through the "Safe Harbor" Principles to Comply with the EU Data Privacy Directive*, 38 AM. BUS. L.J. 735, 752 (2001).
[54] This is sometimes referred to as the *Openness Principle*, under which there should be a general policy of openness about developments, practices, and policies with respect to personal data. Under this principle, means should be readily available of establishing the existence and nature of personal data, and the main purposes of its use, as well as the identity and usual residence of the data controller. *See* NCJA Guideline *supra* note 53 at 31.
[55] *See* Part 4 of this Report; subsection (c) is intended to include law enforcement monitoring of certain identified individuals' compliance with travel restrictions and identification of previously-undetected crimes.
[56] Although not always the case, fixed LPRs frequently capture "transient vehicles" driving through a jurisdiction whereas mobile LPRs collect license plate data from local vehicles. Thus, fixed LPRs may further regional law enforcement goals whereas mobile LPRs may be of more value to local law enforcement agencies.
[57] Parking enforcement bureaus are not considered law enforcement in many jurisdictions.
[58] In many jurisdictions, parole and probation officers are peace officers with specific powers of arrest; in those instances, the sharing of information with such officers should be considered the sharing of LPR data among law enforcement agencies.
[59] Critical infrastructure is defined as those systems and assets, whether physical or virtual, so vital to the United States that the incapacity or destruction of such systems and assets would have a debilitating impact on security, national economic security, national public health or safety, or any combination of those matters. U.S. Dept. of Justice, *The National Criminal Intelligence Sharing Plan*, 13 (October 2003) (hereafter "NCISP") available on-line at http://www.it.ojp.gov/documents/NCISP_Plan.pdf.
[60] U.S. Dept. of Justice, *Fusion Center Guidelines—Developing and Sharing Information in a New Era*, 17 (August 2006) (hereafter "Fusion Center Guidelines") available on-line at http://www.it.ojp.gov/documents/fusion_center_guidelines_law_enforcement.pdf.
[61] *Id.* at 29.
[62] Although statistical summary information is unlikely to create privacy concerns, the sharing of LPR data related to a license plate number may raise privacy issues.
[63] LPR data may include images of vehicle occupants.
[64] Official criminal history record information is collected and maintained to compile crime statistics, assist a court in imposing an appropriate sentence, and to help corrections officials make prisoner placement decisions. Criminal history records are also maintained to implement sentence enhancement provisions for recidivists and are also used to ensure that civil disability and offender registration statutes are properly applied. *See* U.S. Dept. of Justice, *Use and Management of Criminal History Record Information: A Comprehensive Report*, 101-127 (NCJ 187670, Dec. 2001) available on-line at http://www.ojp.usdoj.gov/bjs/abstract/umchri01.htm.
[65] *See* 68 Fed. Reg. 14140 (2003).

[66] A threshold issue exists as to whether a contextual image taken by a LPR camera and the data associated with that image (including but not limited to the OCR text of the license plate and the date, time and location of observation) are considered records under the law of the jurisdiction.
[67] If so, those records may have different retention periods; specifically, the query-response record would likely be maintained for purposes of monitoring system use as opposed to supporting criminal investigations.
[68] Characteristics of crimes that may extend or toll a statute of limitations vary from state to state. Generally, statutes of limitations are extended in cases involving *inter alia* certain thefts involving a breach of fiduciary duty, identity theft offenses, and certain sex offenses; statutes of limitations are typically tolled *inter alia* when the defendant is not residing in the prosecuting jurisdiction or when a material witness is on active military duty.
[69] Such crimes typically include conspiracy and thefts by deception that continue over a period of time.
[70] The 9/11 Commission Report found that it took between two and four years to plan and carry out the attacks against the World Trade Center.
[71] Public confidence in a law enforcement agency's ability to maintain the confidentiality of LPR data could be reduced due to the scope of that jurisdiction's freedom of information act.
[72] U.S. Dept. of Justice, *Information Quality: The Foundation for Justice Decision Making*, 1 (Feb. 2008) available on-line at http://www.it.ojp.gov/documents/IQ_Fact_Sheet_Final.pdf.
[73] *Id.* at 2.
[74] Law enforcement agencies should not strip the image from the OCR information in order to save storage space; the OCR information cannot be verified without the contextual photo.
[75] Delaware and Rhode Island are able to use formats of 123456 and 123-456, respectively, while several populous states use seven-character formats, including 1ABC234 in California, AB1-C234 in Texas, A12-3456 in Illinois, and ABC-1234 in New York, Pennsylvania, Ohio, Georgia, North Carolina, Virginia, and Arizona.
[76] This is also common in the area of vanity license plates.
[77] Mandatory audits are routinely conducted of official criminal history record information (CHRI) repositories to measure the accuracy, completeness, and timeliness of their data. *See* 28 C.F.R. § 20.21(e). These audits are one of the reasons the justice system and society have deemed official CHRI records reliable enough on which to base important decisions affecting individuals' liberty interests.
[78] U.S. Dept. of Justice, Federal Bureau of Investigation, *National Crime Information Center Mandatory Minimum Standards Curriculum for Full Access Terminal Operations*, LPF-17; LPR-22 (1992) available on-line at: http://www.eric.ed.gov/ERICWebPortal/custom/portlets/recordDetails/detailmini.jsp?_nfpb=true&_&ERICExtSearch_SearchValue_0=ED354315&ERICExtSearch_SearchType_0=no&accno=ED354315.
[79] *See* 28 C.F.R. § 20.21(g)(1).
[80] *See* 28 C.F.R. § 20.3(d) (excluding investigative information from the definition of criminal history record information).
[81] See K. A. Taipale, *Technology, Security And Privacy: The Fear of Frankenstein, the Mythology of Privacy and the Lessons of King Ludd*, 7 YALE J.L. & TECH. 123, 151 (2005).
[82] The DPPA contains a similar requirement; see 18 U.S.C. § 2721(c).
[83] Where LPR system policies are considered too detailed, law enforcement agencies may consider developing a guidance document to inform the public, in general terms, of practices and procedures developed to address privacy concerns surrounding LPR data.



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PRIVACY IMPACT ASSESSMENTS

Official Guidance



Office of Privacy and Civil Liberties

United States Department of Justice

(Revised March 2012)

Introduction

The Department of Justice (the Department or DOJ) is committed to ensuring the appropriate protection of privacy and civil liberties in the course of fulfilling its missions. Privacy Impact Assessments (PIAs), which are required by Section 208 of the E-Government Act of 2002,[1] are an important tool to assist the Department in achieving this objective. Specifically, Section 208 of the E-Government Act of 2002 requires all federal agencies to conduct a PIA before developing or procuring information technology that collects, maintains, or disseminates information that is in identifiable form or before initiating a new collection of information that will be collected, maintained, or disseminated using information technology and that includes any information in identifiable form in certain circumstances involving the public.

In August 2010, the Department's Office of Privacy and Civil Liberties (OPCL) revised the Department's PIA template to better assist DOJ components in conducting their PIAs. This guidance is designed to supplement the revised DOJ PIA template by providing DOJ personnel with guidance on how to effectively conduct a PIA and how to properly document this assessment.

This guidance is solely for the purpose of setting forth internal Department policy and guidance, and does not create any rights, substantive or procedural, that are enforceable at law by any party in any matter, civil or criminal.

Chief Privacy and Civil Liberties Officer's Authority

The Department's Chief Privacy and Civil Liberties Officer (CPCLO) is primarily responsible for the Department's privacy policy, including advising the Attorney General regarding "appropriate privacy protections, relating to the collection, storage, use, disclosure, and security of personally identifiable information, with respect to the Department's existing or proposed information technology and information systems."[2] Additionally, the CPCLO is responsible for advising the Attorney General concerning the "implementation of policies and procedures, including appropriate training and auditing, to ensure the Department's compliance with privacy-related laws and policies, including section 552a of title 5, United States Code [the Privacy Act of 1974], and Section 208 of the E-Government Act of 2002 (Public Law 107–347)."[3]

The CPCLO's review and approval of Departmental PIAs is one mechanism through which the CPCLO fulfills the above-referenced statutory mandates.[4]

[1] E-Government Act of 2002, Pub. L. 107-347, § 208, 116 Stat. 2899, 2921-23.
[2] Violence Against Women and Department of Justice Reauthorization Act of 2005, Pub. L. 109-162, § 1174, 119 Stat. 2960, 3124 (2006). See also Implementing Recommendations of the 9/11 Commission Act of 2007, Pub. L. 110-53, § 803, 121 Stat. 266, 360-1.
[3] Violence Against Women and Department of Justice Reauthorization Act of 2005 § 1174.
[4] See Attorney General Order No. 2843-2006, dated October 2, 2006 (CPCLO approval for PIAs required).

Office of Privacy and Civil Liberties' Role

OPCL supports the CPCLO through the development and implementation of the Department's privacy compliance program. With regard to PIAs, OPCL provides guidance and training to components on compliance with E-Government Act PIA requirements, reviews PIAs in preparation for signature by the CPCLO, and provides public notice of PIAs as appropriate. Accordingly, OPCL issues this PIA guidance to be followed by all Departmental offices, boards, divisions, components, and bureaus.

What is a PIA?

A PIA is an analysis required by the E-Government Act of how information in identifiable form[5] is handled to ensure compliance with applicable legal, regulatory, and policy requirements regarding privacy, to determine the risks and effects of collecting, maintaining, and disseminating such information in an electronic information system, and to examine and evaluate protections and alternative processes for handling information to mitigate potential privacy risks.[6] The PIA demonstrates that the Department considers privacy from the beginning stages of a system's development and throughout the system's life cycle (i.e., collection, use, retention, processing, disclosure, and destruction). This ensures that privacy protections are built into the system from the start – not after the fact – when they can be far more costly or could affect the viability of the project. Additionally, the PIA demonstrates that the system developers and owners have made technology choices that reflect the incorporation of privacy into the fundamental system architecture.

The PIA also gives the public notice of this analysis and helps promote trust between the public and the Department by increasing transparency of the Department's systems and missions.

When Should a PIA be Completed?

A PIA should be conducted before developing or procuring IT systems or projects that collect, maintain, or disseminate information in identifiable form, or initiating, consistent with the Paperwork Reduction Act, a new electronic collection of information in identifiable form for ten or more persons (excluding agencies, instrumentalities or employees of the federal government).[7]

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[5] The E-Government Act of 2002 applies to "information in identifiable form." We note that the National Institute of Standards and Technology (NIST) has stated that the term "information in identifiable form" is "[o]ften considered to have been replaced by the term PII [personally identifiable information]." NIST Special Publication 800-122, Guide to Protecting the Confidentiality of Personally Identifiable Information (PII), Appendix C (April 2010). However, NIST also notes that terms such as "information in identifiable form" are similar to NIST's definition of PII and "organizations should not use the term PII (as defined in this document) interchangeably with these terms and definitions because they are specific to their particular context." Id.

[6] See OMB Memorandum, M-03-22, OMB Guidance for Implementing the Privacy Provisions of the E-Government Act of 2002, Attachment A, Section II.A.6, dated Sept. 26, 2003.

[7] See id. at Section II.B.1.

OPCL assists components by assessing the need to conduct a PIA through the Initial Privacy Assessment (IPA) process.[8] Once OPCL provides a component with a determination that a PIA is required, a PIA should be conducted. The PIA should be drafted and issued during system development, with sufficient lead time to permit final Departmental approval and public website posting on or before the commencement of any system operation (including before any testing or piloting).

Section 208 of the E-Government Act does not apply to national security systems.[9] Nevertheless, it is the Department's policy that PIAs must also be conducted for national security systems and submitted to OPCL for review and approval by the CPCLO.

Who Should Prepare the PIA?

The PIA process requires that candid and forthcoming communications occur among the system manager/owner, component privacy officials, and OPCL, to make the PIA comprehensive and meaningful and to ensure appropriate and timely handling of privacy concerns. With this in mind, the PIA should be written and reviewed by a combination of the component's privacy officials, IT security staff, and the program personnel responsible for the system.

Preparing a PIA

The E-Government Act requires, where practicable, that agencies make PIAs publicly available. Therefore, PIAs should be clear, unambiguous, and understandable to the general public. The length and breadth of a PIA will vary according to the size and complexity of the system.

To ensure consistency within the Department in the preparation of PIAs, all components must utilize and fully complete the most recent Department PIA template, as posted on the OPCL website at http://www.justice.gov/opcl.htm, or on the DOJnet.

Please adhere to the following guidelines when drafting responses to the questions posed in the PIA template:

- Use plain language and take into account the perspective of a member of the public who is unfamiliar with the system or technology.
- Spell out each acronym the first instance it is used it in the document (e.g., Office of Management and Budget (OMB)).
- Use words, phrases, or names in the PIA that are readily known to the public.
- Define technical terms or references.
- Clearly reference projects and systems and provide explanations, if needed, to aid the general public.
- Include the complete name of the reference when first referencing National

[8] More information about the IPA process can be found in the DOJ's IPA Instructions and Template at http://www.justice.gov/opcl/pia.htm.
[9] See E-Government Act of 2002, § 202(i) (stating that most provisions of Title II (including Section 208) do not apply to national security systems).

Institute of Science and Technology (NIST) publications and other documents (e.g., NIST Special Publication 800-122, Guide to Protecting the Confidentiality of Personally Identifiable Information (PII)). The abbreviated format may be used for subsequent references. Full names for NIST documents can be found at NIST's website http://csrc.nist.gov/publications/nistpubs.

It is imperative that in preparing a PIA the component also review other privacy and security documentation relevant to the system, such as any Privacy Act System of Records Notice (SORN) and/or System Security Plan (SSP), to ensure consistency among all privacy/security documentation and the PIA.

A component privacy office with concerns regarding the sufficiency of a proposed answer, or with questions about the PIA template, is welcome to consult informally with OPCL before submitting the response or PIA for final review and approval. Similarly, component IT security staff with concerns or questions regarding the sufficiency of a proposed response to questions concerning the technical or security aspects of the system, should feel free to consult with the Department's Office of the Chief Information Officer (OCIO).

Obtaining Approval and Signatures

The component is responsible for preparing the PIA, including the completion of all internal component reviews, and obtaining the signature of the appropriate component Security Review Official. For Department Components with an appointed Chief Information Officer (CIO), the Security Review Official shall be the Component CIO. For offices within JMD, the Security Review Official shall be the JMD Staff Director. For Offices, Boards and Divisions (OBDs) without an appointed CIO, the Security Review Official shall be the OBD Executive Officer, if the system is owned by the OBD, or the OCIO Staff Director, if the system is owned by the OCIO. In each case, the appropriate Security Review Official shall review all PIAs, assessing whether the system controls meet the security requirements, and shall indicate his/her approval of the system's technical description and security by signing the PIA.

The Senior Component Official for Privacy (if designated; otherwise privacy point of contact) should then sign the PIA, indicating official issuance by the component, and then forward the PIA to OPCL for Departmental review and final approval. [10] (Please email the PIA to OPCL at privacy@usdoj.gov; if a PIA is classified, please contact OPCL to coordinate delivery.) PIAs should not be sent to OPCL until all required component signatures have been obtained.

Upon receipt of the PIA, OPCL will review the PIA for legal sufficiency and compliance with the E-Government Act of 2002, as well as further advise the CPCLO of privacy policy issues. Part of that review will include ensuring that there is consistency with related materials (such as SORNs and SSPs). OPCL will coordinate with the

[10] If a PIA contains information that the component wishes to redact prior to publication due to its sensitive or protected nature, the PIA should be appropriately marked to indicate the proposed redactions and the component must provide an explanation, as discussed below, under "Publishing the PIA."

Department's OCIO to obtain a technical and system security review of the PIA. The OCIO will provide OPCL and the CPCLO with a recommendation for approval once the PIA satisfies the OCIO's requirements. If warranted, OPCL and/or the CPCLO may return the PIA to the component for revision or may disapprove it in accordance with the CPCLO's authority.[11] The CPCLO will approve and sign the PIA once the CPCLO determines that the PIA satisfies the applicable requirements. An approved PIA will then be returned to the component for information and publication.

Publishing the PIA

The PIA should not be published until the PIA has been approved and signed by the CPCLO, and OPCL has so advised the component. Approved PIAs will be available to the general public. However, the Department, in its discretion, is not required to make a PIA (or portions thereof) publicly available if such publication would raise security concerns, or would reveal classified, sensitive, or otherwise protected information (e.g., potentially damaging to a national interest, law enforcement effort, or competitive business interest) that is contained in the assessment. If a component submits a PIA to OPCL that contains information that the component wishes to redact prior to publication due to its sensitive nature, the PIA should be appropriately marked to indicate the portions that the component proposes to redact, and the component must attach a separate explanation for the proposed redaction(s).

Publication normally should be accomplished by placing the PIA on the Justice.gov/opcl website. OPCL has a dedicated web page where Department PIAs are posted. Components may also post their PIAs on a component-specific PIA web page.

For PIAs that are completed for systems in development, the PIA does not need to be published until the design and construction of the system have been completed, and the PIA reflects the system as it will operate. However, a component may exercise its discretion and publish a PIA for a system still in development, if it so chooses.

Updating PIAs

Recognizing that information systems may undergo changes throughout their life cycle, it is important that any changes to the system be evaluated with regard to their effect on individuals' privacy. Components must update their PIAs to reflect significant changes to information collection authorities, business processes, or other factors affecting the collection and handling of information in identifiable form.[12] Components should use the IPA process to ascertain whether or not such changes would require a modification to an existing PIA or would require a new PIA.

[11] See Violence Against Women and Department of Justice Reauthorization Act of 2005 § 1174.
[12] See OMB Memorandum, M-03-22, Attachment A, Section II.B.2.

Questions? Contact the Office of Privacy and Civil Liberties

Email: privacy@usdoj.gov
Phone: 202-514-0208
Web Site Link: www.justice.gov/opcl

Definitions

Individual – For purposes of conducting PIAs, it is the Department's policy to define "individual" in this context as any natural person regardless of citizenship status.

Information in Identifiable Form – is information in an IT system or online collection: (i) that directly identifies an individual (e.g., name, address, social security number or other identifying number or code, telephone number, email address, etc.) or (ii) by which an agency intends to identify specific individuals in conjunction with other data elements, i.e., indirect identification. (These data elements may include a combination of gender, race, birth date, geographic indicators, and other descriptors). OMB Memorandum, M-03-22, OMB Guidance for Implementing the Privacy Provisions of the E-Government Act of 2002, Attachment A, Section II.A.2., dated September 26, 2003.

Information Technology – means, as defined in the Clinger-Cohen Act, any equipment, software or interconnected system or subsystem that is used in the automatic acquisition, storage, manipulation, management, movement, control, display, switching, interchange, transmission, or reception of data or information. Id. at Section II.A.3.

National Security System – means, as defined in the Clinger-Cohen Act, an information system operated by the federal government, the function, operation or use of which involves: (a) intelligence activities, (b) cryptologic activities related to national security, (c) command and control of military forces, (d) equipment that is an integral part of a weapon or weapons systems, or (e) systems critical to the direct fulfillment of military or intelligence missions, but does not include systems used for routine administrative and business applications, such as payroll, finance, logistics and personnel management. Id. at Section II.A.5.

Personally Identifiable Information – is any information about an individual maintained by an agency, including (1) any information that can be used to distinguish or trace an individual's identity, such as name, social security number, date and place of birth, mother's maiden name, or biometric records; and (2) any other information that is linked or linkable to an individual, such as medical, educational, financial, and employment information. NIST Special Publication 800-122, Guide to Protecting the Confidentiality of Personally Identifiable Information (PII) (April 2010).

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The Senior Component Official for Privacy (if designated; otherwise privacy point of contact) should then sign the PIA, indicating official issuance by the component, and then forward the PIA to OPCL for Departmental review and final approval. [10] (Please email the PIA to OPCL at privacy@usdoj.gov; if a PIA is classified, please contact OPCL to coordinate delivery.) PIAs should not be sent to OPCL until all required component signatures have been obtained.

Upon receipt of the PIA, OPCL will review the PIA for legal sufficiency and compliance with the E-Government Act of 2002, as well as further advise the CPCLO of privacy policy issues. Part of that review will include ensuring that there is consistency with related materials (such as SORNs and SSPs). OPCL will coordinate with the

[10] If a PIA contains information that the component wishes to redact prior to publication due to its sensitive or protected nature, the PIA should be appropriately marked to indicate the proposed redactions and the component must provide an explanation, as discussed below, under "Publishing the PIA."

Department's OCIO to obtain a technical and system security review of the PIA. The OCIO will provide OPCL and the CPCLO with a recommendation for approval once the PIA satisfies the OCIO's requirements. If warranted, OPCL and/or the CPCLO may return the PIA to the component for revision or may disapprove it in accordance with the CPCLO's authority.[11] The CPCLO will approve and sign the PIA once the CPCLO determines that the PIA satisfies the applicable requirements. An approved PIA will then be returned to the component for information and publication.

Publishing the PIA

The PIA should not be published until the PIA has been approved and signed by the CPCLO, and OPCL has so advised the component. Approved PIAs will be available to the general public. However, the Department, in its discretion, is not required to make a PIA (or portions thereof) publicly available if such publication would raise security concerns, or would reveal classified, sensitive, or otherwise protected information (e.g., potentially damaging to a national interest, law enforcement effort, or competitive business interest) that is contained in the assessment. If a component submits a PIA to OPCL that contains information that the component wishes to redact prior to publication due to its sensitive nature, the PIA should be appropriately marked to indicate the portions that the component proposes to redact, and the component must attach a separate explanation for the proposed redaction(s).

Publication normally should be accomplished by placing the PIA on the Justice.gov/opcl website. OPCL has a dedicated web page where Department PIAs are posted. Components may also post their PIAs on a component-specific PIA web page.

For PIAs that are completed for systems in development, the PIA does not need to be published until the design and construction of the system have been completed, and the PIA reflects the system as it will operate. However, a component may exercise its discretion and publish a PIA for a system still in development, if it so chooses.

Updating PIAs

Recognizing that information systems may undergo changes throughout their life cycle, it is important that any changes to the system be evaluated with regard to their effect on individuals' privacy. Components must update their PIAs to reflect significant changes to information collection authorities, business processes, or other factors affecting the collection and handling of information in identifiable form.[12] Components should use the IPA process to ascertain whether or not such changes would require a modification to an existing PIA or would require a new PIA.

[11] See Violence Against Women and Department of Justice Reauthorization Act of 2005 § 1174.
[12] See OMB Memorandum, M-03-22, Attachment A, Section II.B.2.

Questions? Contact the Office of Privacy and Civil Liberties

Email: privacy@usdoj.gov
Phone: 202-514-0208
Web Site Link: www.justice.gov/opcl

Definitions

Individual – For purposes of conducting PIAs, it is the Department's policy to define "individual" in this context as any natural person regardless of citizenship status.

Information in Identifiable Form – is information in an IT system or online collection: (i) that directly identifies an individual (e.g., name, address, social security number or other identifying number or code, telephone number, email address, etc.) or (ii) by which an agency intends to identify specific individuals in conjunction with other data elements, i.e., indirect identification. (These data elements may include a combination of gender, race, birth date, geographic indicators, and other descriptors). OMB Memorandum, M-03-22, OMB Guidance for Implementing the Privacy Provisions of the E-Government Act of 2002, Attachment A, Section II.A.2., dated September 26, 2003.

Information Technology – means, as defined in the Clinger-Cohen Act, any equipment, software or interconnected system or subsystem that is used in the automatic acquisition, storage, manipulation, management, movement, control, display, switching, interchange, transmission, or reception of data or information. Id. at Section II.A.3.

National Security System – means, as defined in the Clinger-Cohen Act, an information system operated by the federal government, the function, operation or use of which involves: (a) intelligence activities, (b) cryptologic activities related to national security, (c) command and control of military forces, (d) equipment that is an integral part of a weapon or weapons systems, or (e) systems critical to the direct fulfillment of military or intelligence missions, but does not include systems used for routine administrative and business applications, such as payroll, finance, logistics and personnel management. Id. at Section II.A.5.

Personally Identifiable Information – is any information about an individual maintained by an agency, including (1) any information that can be used to distinguish or trace an individual's identity, such as name, social security number, date and place of birth, mother's maiden name, or biometric records; and (2) any other information that is linked or linkable to an individual, such as medical, educational, financial, and employment information. NIST Special Publication 800-122, Guide to Protecting the Confidentiality of Personally Identifiable Information (PII) (April 2010).

2019 NoFIRES Conference
Using Technology in Arson Investigations

5 November 2019

Sgt. Mike George – MSP IMAT
Presentation Title: "DRONES!"

- Map crime/crash/fire scene(s)
- Prioritize:
  - First responder safety
  - Public safety
  - Safe/quick clearance of scene
- First two MSP drones in service in CARS (2017)
  - Pix4D software – 3D image of scene (scale orthomosaic)
  - Accurate < 1 cm
- Approximate Cost to Start a Drone Program:
  - UAV = $1,500.00 - $3,000.00
  - FAA Licensing = $150.00 per pilot every 2 years
  - Pix4D Software = $5,000.00 + $900.00/year OR $350.00/month
  - Computer = $1500.00 - $5000.00
  - GPS Mapping Equipment = $6,000.00 - $20,000.00
  - CAD Software = $1,500.00 - $5,000.00 + annual fees
  - Associated training…
- MSP Division of Homeland Security & Preparedness – IMAT
  - Aeryon Skyranger
    - 30min/flight
    - Extreme weather capable (40mph wind, -22-122F temperature)
    - Encrypted downlink + FLIR capability
  - DJI Mavic 2 Pro
    - 25-30min/flight
    - 20 MP Hasselblad Camera
    - ~$1500.00 – $2,000.00
  - DJI Mavic Enterprise Dual
    - Dual camera for EO/FLIR
    - ~$3500.00
  - DJI Matrice 210 w Z30 & XT2
    - Zoom Camera + FLIR
    - 25min/flight
    - ~$30,000.00
  - SOPS|Registrations|Licensing|Training|Authorizations|Waivers|FAA LEAP reps
- Aeroscope Drone Detection Techonlogy
  - DJI Drones only (~85%+ of commercially available drones)
    - ~97% of UAS capable of carrying a payload are DJI

2019 NoFIRES Conference
Using Technology in Arson Investigations

5 November 2019

Lt. Timothy Howe – Special Operations Coordinator – Department of Fire Services
Presentation Title: "Drone Use in the Fire Service"

- DFS Drone Program: 2017
  - Enhance situational awareness
  - Improve personnel safety
  - Locate victims in need of rescue
- Intended Use(s):
  - Fires – Structure/Brush
    - Thermal Imaging used to target "hot spots"
  - Hazmat
    - Drone vs. Human (personnel safety)
  - Missing Persons
    - Thermal imaging
  - Building Collapse
    - Verify structural integrity (aerial view)
  - Storm Damage Assessment
  - Transportation Incidents
  - Large Area Searches
- Pix4D
  - Identify area to be mapped and select scan height
  - Mark ground control points
  - Stich data points together to generate computer image
- Activation of DFS UAS: 508-820-2000

2019 NoFIRES Conference
Using Technology in Arson Investigations

5 November 2019

Tpr. Stephen Sicard – MSP Fire & Explosion Investigation Section
Presentation Title: "Bomb Squad Capabilities & Equipment Demonstrations"

- PacBot – FLIR Technologies
- FirstLook – FLIR Technologies
    - Use during Boston Marathon Bombing & subsequent shooting investigation
- EK9 – Explosive/Accelerant Detection
- Primary concerns (robots):
    - Stairs/escalation
    - Open doors
    - Self-righting
- Quadruped robot
    - 360 degree sensors
    - Collision detection
    - Automated processes (ex: opening door)
        - Recognizes door handles from "library"
    - Pre-set "poses"
        - No need to manipulate each limb individually
    - Railings for attachment/modification: camera/radio/etc
- Leasing vs. buying – Leased robots easier to maintain/update

2019 NoFIRES Conference
Using Technology in Arson Investigations

5 November 2019

Sgt. Robert LaBarge – MSP Detective Unit – Essex County
Phillip Mallard – Assistant U.S. Attorney – District of Massachusetts
Presentation Title: "Operation Golden Ticket"

- 60 agency collaboration across New England
- Pattern Crime = Crime where the nature and circumstances demonstrate a preplanned and potentially recurring means and method of execution
    - Not crime of opportunity/passion
    - Disciplined & skilled offenders
    - Planning, premeditation, experience
    - Materials: tools, implements, vehicles, knowledge
    - Account for LE response
    - Low-risk for apprehension
- Commercial burglaries (2017-2018)
    - 70+ incidents (cars, cash, goods)
    - Thousands in damage
- Status as of 4/4/2018
    - No leads, no suspects – UNTIL:
    - March 31, 2018 – Pursuit involving Needham PD
- Obstacles:
    - Information silos
    - Jurisdiction
- Trends:
    - Pry bar
    - Alarm cut
    - Headlamps
    - Radios/Walkie-talkies
    - Stolen MV (usually Jeeps/Minivans)
    - Counter surveillance vehicle
- Solutions:
    - ***Fusion Center Bulletins***
    - MA CrimeNet
    - ALPR
    - CJIS
    - ISO ClaimSearch
    - InmateWeb/MIDNET
    - Coplink

2019 NoFIRES Conference
Using Technology in Arson Investigations

6 November 2019

Sgt. Brian Gavioli – MSP – Commonwealth Fusion Center – Massachusetts Cyber Security Program
Presentation Title: "Digital Evidence"
Presentation Title: "Open Source Intelligence"
Both Presentations can be viewed here in their entirety:

- **Bit.ly/NoFIRES**
- **Password: F@$t123!**
- Vehicle Lookup?:
  - https://berla.co/vehicle-lookup/
- ISP Resources:
  - https://www.search.org/resources/isp-list/
- Video/Image Enhancement:
  - InputAce?
- BlueHound App
- New OSINT Tools to explore:
  - https://www.aware-online.com/
  - https://osintframework.com/
  - https://start.me/p/m6XQ08/osint
  - https://exportcomments.com/

2019 NoFIRES Conference
Using Technology in Arson Investigations

6 November 2019

Sgt. Michael Mazza – MSP - Fire & Explosion Investigation Section
Tpr. Mark Reidy – MSP - Fire & Explosion Investigation Section
Presentation Title: "Capabilities & Limitations of Technology in Arson Investigations"

- CSI Effect
- Case Study 1
- Case Study 2

THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF PUBLIC SAFETY AND SECURITY
Department of Criminal Justice Information Services
200 Arlington Street, Suite 2200, Chelsea, Massachusetts 02150, MASS.GOV/CJIS
TEL: 617-660-4600 • TTY: 617-660-4606 • FAX: 617-660-4613

Deval L. Patrick, *Governor* | Andrea J. Cabral, *Secretary of Public Safety and Security* | James F. Slater, III, *Acting Commissioner*

EXECUTIVE OFFICE OF PUBLIC SAFETY AND SECURITY DEPARTMENT OF CRIMINAL JUSTICE INFORMATION SERVICES AUTOMATIC LICENSE PLATE RECOGNITION SYSTEMS CENTRAL REPOSITORY COMPANION POLICY

PURPOSE

To establish guidelines and best practices for data use, maintenance, training, and data storage associated with the usage of the Commonwealth Criminal Justice Information Automatic License Plate Recognition Systems Central Repository (Central Repository) by Massachusetts law enforcement agencies.

OVERVIEW

An Automatic License Plate Recognition (ALPR) system is a computerized system that uses high-speed digital cameras combined with sophisticated computer algorithms capable of converting the images of license plates to electronically readable data. The ALPR system captures an infrared image of a license plate and converts it to a text file using Optical Character Recognition (OCR) technology. The technology also compares the digital images of license plates to lists of known plates of interest. Currently, the ALPR is being utilized by many law enforcement and criminal justice agencies in the Commonwealth, which maintain the captured information in a database.

The Central Repository is a centralized data warehouse that stores ALPR information contributed by law enforcement and public safety agencies from the agency's database. By allowing the agencies to share and access the stored information, local, state and federal law enforcement agencies are provided accurate information to be used for official and legitimate law enforcement operations and public safety purposes. Guidelines for submission and retrieval of license plate data for all participating departments are included in the Commonwealth of Massachusetts Global Justice and Public Safety Information Sharing Policy of the Massachusetts Department of Criminal Justice Information Services (DCJIS), which is incorporated by reference, and this ALPR Central Repository Companion Policy. ALPR systems are dependent upon the networking system of Commonwealth's Criminal Justice Information System (CJIS) and all participating agencies and users agree to the terms of these policies.

DCJIS Enhancing Public Safety Through Information Exchange

POLICY

It is the policy of the DCJIS to utilize the technology only in furtherance of official and legitimate law enforcement operations and public safety. Recognizing privacy implications, it is further the policy of DCJIS to ensure the protection of data. Thus, all users of the Central Repository are expected to abide by the guidelines set forth herein when using the Central Repository.

ACRONYMS AND DEFINITIONS

Agency ALPR Administrator: An employee of a Participating Agency designated by that agency to be responsible for the management of its authorized users and the user accounts at the Participating Agency.

Authorized User: An individual designated by a law enforcement agency and properly trained in the use and operational protocols of the ALPR. Only authorized employees who have an approved login and password will be allowed to access or use information in the Central Repository.

Contributing Agency: An agency that contributes ALPR data to the Central Repository.

Non-Contributing Agency: An agency that may access, but does not contribute data to, a data application or system maintained or operated within the DCJIS network or system.

Participating Agency: Either a contributing or non-contributing party that utilizes the Central Repository.

Source Agency: The agency that originally recorded and contributed data to a data application or system maintained or operated within the DCJIS network or system.

PROCEDURES

1. Standard of Use

Central Repository ALPR data shall be accessed and used only for official and legitimate law enforcement operations and public safety and may only be used based on specific and articulable facts of a concern for safety, wrongdoing, criminal investigations, Department-related civil investigations, or pursuant to a court order.

Searches of historical Central Repository ALPR data shall be done in accordance with this policy.

Only users who have been designated by their law enforcement department and properly trained in the use and operational protocols of the ALPR systems shall be permitted to use the Central Repository. DCJIS administrators shall ensure that any changes in hardware, software or law are communicated to all participants. Only authorized employees who have an approved login and password (Central Repository Authorized Users) will be allowed to access or use information in the Central Repository.

When a enforcement action, investigation, or prosecution results from the Repository ALPR data, the information contained in it will be preserved by the agency accessing the information.

Requests for searches of Central Repository ALPR data may be made by authorized members of the Contributing Party or Non-Contributing party subject to the provisions of this policy.

2. Login Application Process

a) Each Contributing and Non-contributing Party shall designate an Agency ALPR administrator to be responsible for management of user accounts at that agency. All authorized users shall be limited to current employees who are legally authorized to review criminal justice information for crime prevention and detection purposes. Each potential user shall submit a request for a login and password to the Agency ALPR Administrator. The Agency ALPR Administrator shall have discretion to deny or revoke individual access.

3. Login Assignment

a) Each Authorized User will be issued a user login and a default password by the Agency ALPR Administrator. Upon logging into the Repository for the first time, each Authorized User shall change the default password to another DCJIS-compliant password.

b) Each Agency ALPR Administrator is responsible for the timely removal of any login accounts as Authorized Users leave their agency.

c) An Authorized User shall not access the Central Repository by using a name and password that was assigned to another user. An Authorized User shall not give his or her password to another person, including another user, to access the system.

4. ALPR Central Repository Data Query Logs

a) An automated log will be maintained for each transaction, which will include the name of the individual accessing the data, along with the date and time of access.

b) Requests to review stored ALPR data and search results will be recorded and maintained in appropriate case files.

c) ALPR Data Query Logs shall be maintained and secured.

d) Audits of the ALPR systems and the central repository shall be conducted by the DCJIS.

5. ALPR Data Sharing and Dissemination

a) Each Contributing Agency authorizes the release of its information as outlined in this Policy to any other criminal justice agency that may participate in the Central Repository in the future.

b) A Contributing Party that does not want certain information from its ALPR system to be shared is responsible for filtering out such information before entering it into the Central Repository.

c) The information contributed to the Central Repository is limited to ALPR data.

d) Central Repository ALPR data can be accessed, retrieved, or shared for official and legitimate law enforcement operations or public safety purposes only.

6. Ownership of Data

a) Each Contributing Party will retain sole responsibility, ownership, management control, and disposition over the information it contributes or allows access to. All system entries will be identifiable to the Contributing Party, and the content of the contributed information remains the sole responsibility of the Contributing Party and is under that Contributing Party's management control.

b) It shall be the responsibility of the party requesting or using the data to confirm the accuracy of the information with the Source Agency before taking any enforcement-related action.

7. Retention of Data

a) Data from field ALPRs will be transferred/uploaded to the Department's server at a time to be determined by the Agency ALPR Administrator.

b) ALPR data shall be stored in the Central Repository for a period of one year except in the following circumstances:

i) Alert data associated with an enforcement action, investigation, or prosecution shall be maintained for one year or until a final disposition has been reached in the particular case, whichever is longer.

ii) Alert data associated with an arrest will be maintained in the criminal case file and retained for the maximum period of time associated with such record.

iii) Alert data associated with criminal investigations will be maintained in the criminal case file and retained for the maximum period associated with such record.

iv) If it is reasonable to believe and the ALPR data will become evidence in a criminal or civil action, the record will be maintained until it is no longer reasonable to believe it will become evidence in a criminal or civil action.

v) Whenever otherwise directed by the ALPR Administrator.

CONFIDENTIALITY OF INFORMATION

Information in the Central Repository is confidential and is not subject to public disclosure, except as required by law. Only Authorized Users are allowed to view and use the information, otherwise, the information shall be kept confidential.

ACKNOWLEDGEMENT OF TERMS AND CONDITIONS OF USE

The Agency ALPR Administrator shall provide a copy of the terms and conditions of the Massachusetts Public Safety Information Sharing Global Policy and this ALPR Central Repository Companion System Policy to all Authorized Users when they are issued a login ID for the system. Each Authorized User shall sign an acknowledgement stating, "I have received a copy of the terms and conditions of usage of the Central Repository. I agree to comply with the terms and conditions and I understand that any violation of the terms and conditions may lead to disciplinary action and/or criminal prosecution." The Agency ALPR Administrator shall maintain the signed acknowledgements at all times.

POLICY REVIEW

The Commissioner of the Department of Criminal Justice Information Services is responsible for the annual review of this policy.

THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF PUBLIC SAFETY AND SECURITY
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POLICY REVIEW

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Argos Finder

BREKFORD TRAFFIC SAFETY INC.

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Argos Finder Setup

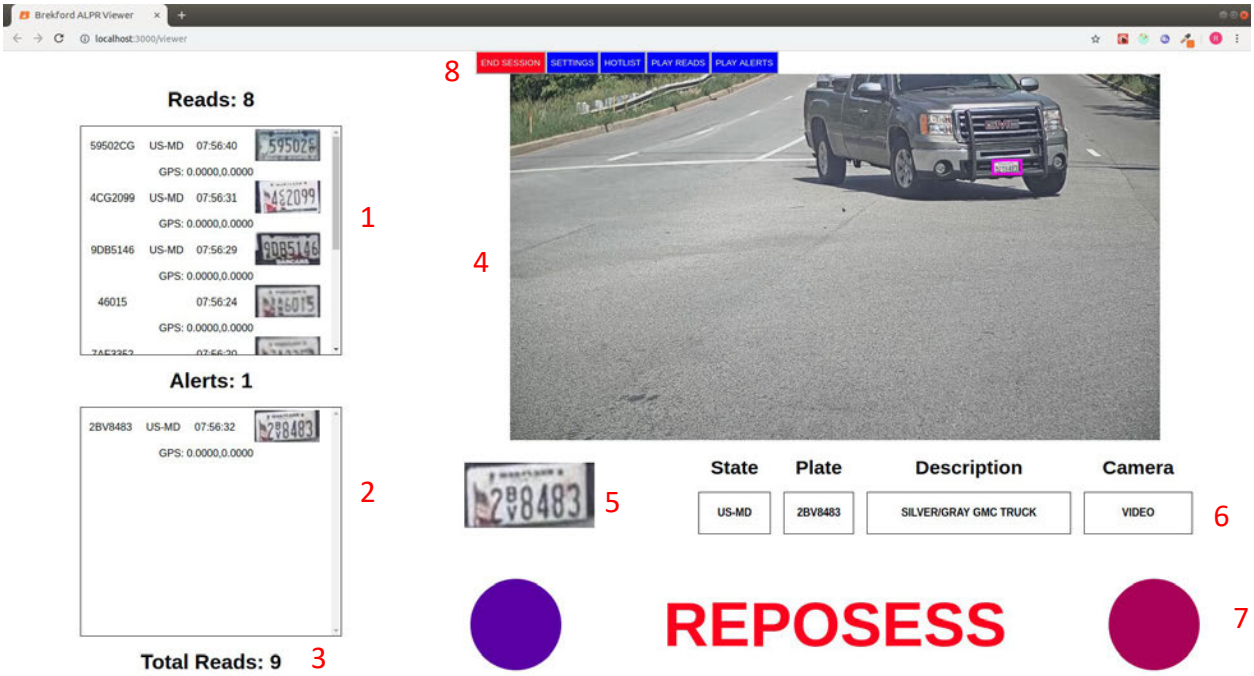
1. Mount the suction cup camera mount so that the cameras are in the middle of the windshield. Cameras The cameras should be pointing parallel to the windshield and slightly pointed down.
2. Connect the GPS receiver to the USB port. This can be mounted on the windshield as well with the provided suction cup. GPS light will be red if powered on and blink red if receiving data.
3. Plug in the power adapter into the cigarette lighter.

Connecting to Argos Finder

Using the provided tablet connect the system Wi-Fi. SSID and password are provided on the inside of the Pelican case. Other devices may be used to connect the system but user experience may vary. Argos Finder interface is optimized to fit the provided tablet. Once Wi-Fi is connected using a web browser open the following URL:

http://192.168.0.40:8000

Interface Overview



1. Session Read History
    a. Shows the last 50 plate reads of the current session
2. Session Alert History
    a. Shows all alerts from the current session
3. Total Read Count
4. Full Image
5. Plate Image
6. Read Information
    a. State
    b. Plate
    c. Vehicle Description
    d. Camera
7. Alert Notification Area
8. Menu bar

Menu Bar



- Session Control
    - Start and Stop an ALPR session
- Settings
    - Viewer Settings
- Hotlist Import
    - Import a hotlist from a local file
- Play Reads
    - Will play a ding on a read
    - Browser limitations require play reads to be re enabled every time that the page is refreshed or reloaded
- Play Alerts
    - Will play a siren on alerts
    - Browser limitations require play alerts to be re enabled every time that the page is refreshed or reloaded

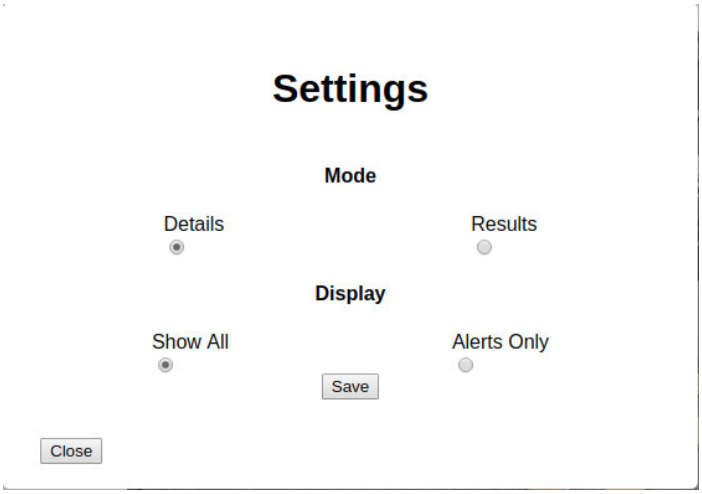
Session Control

Argos Finder requires the user to manually start and ALPR session. The session control button allows for the user to start and stop an ALPR session. Reads are not recorded until a session has been started.

Refreshing the page will reload read history from the current session if the session is still active. When a new session is started the previous session history lists are cleared and the counts are reset to 0.

During an active session an individual plate can only appear once every 30 seconds. If a plate is read multiple times with a difference of more that 1 character (insertions, deletions, substations) it will be presented as a new read. This prevents multiple reads if a plate is in view of the camera for an extended period of time.

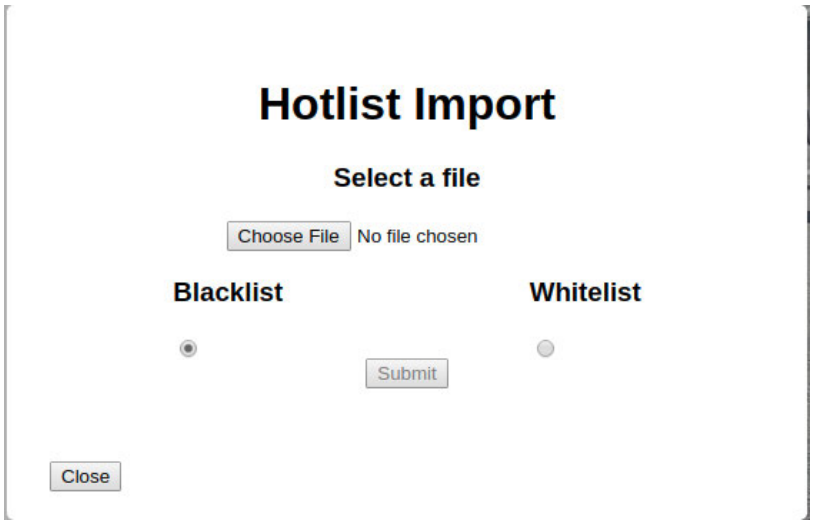
Settings



Argos finder can be operated in Details mode and Results mode. When in Results mode the plate, state, and timestamp will be displayed for a read in the read and history table. When in details mode a crop of the plate image, GPS location will additionally be shown. It is not recommended to use details mode on slower systems if with large volume reads over a short interval. There will be a delay in displaying the results.

When in details mode the display setting will control the full image and crop image display. Show all will show the plate image and full image for all reads. Alerts only will only show images for the alerts. This setting is ignored if in results mode. Results mode will always only show alerts only.

Hotlist



Hotlists can be manually imported by a CSV file. A hotlist can be either a blacklist or a whitelist. A blacklist will alert for any license plate that is on the list. A whitelist will alert for any plate that is not on the list.

Hotlists must be formatted as follows:

plate,state,category,message
abc1234,us-md,stolen,stolen car

- Plate
  - Required
- State
  - Optional
  - Must be formatted as country code – state abbreviation ex. us-md us-fl
- Category
  - Optional
  - Will be displayed in the Alert Notification Area. Recommended to use short words like stolen, repossess, amber alert
  - If left blank Alert Notification area will just display HOTLIST
- Message
  - Optional
  - For future display in notification area

Hotlists can be imported using the provided tablet using a USB drive and the provided USB adapter.

When a hotlist is imported the existing hotlist is replaced with the new one. If a hotlist file is improperly formatted the entire file is rejected. The hotlist import will not import a partial file. If hotlist data has not changed a new hotlist does not need to be imported every session.

Read Information Display

The following plate information can be displayed for a plate read:

- Plate
- State
- Vehicle Description
- Camera (Camera Name)

Plate and Camera will always be displayed for every read.

State will be displayed of the accuracy confidence is above 70%.

Vehicle Description based on confidence calculations can have the any combination of make, model, vehicle type, and color. If there is low light or all calculations fall below thresholds the vehicle description will be blank. Example vehicle descriptions are:

- Black Ford F150
- Blue Jeep SUV
- Red
- Sedan
- Silver/Gray Van

Massachusetts State Police
Traffic Safety Resource Prosecutor FY 2017
Proposal to the Highway Safety Division
October 1, 2016– September 30, 2017

Executive Summary

The Massachusetts State Police, Standards and Training Section at the State Police Academy ("the Academy") is primarily responsible for recruit training, professional development and continuing legal education. The Academy provides professional development courses which are designed for, and offered to, the public safety community at little to no cost to the attendee. Additionally, the Academy has developed an E-learning program that provides online training to law enforcement officers throughout the state. This much needed technology is an essential tool in the professional development of public safety personnel. In addition to creating and presenting the curriculum for the classes offered at the Academy, both live and web-based, the staff of XX instructors are responsible for monitoring all changes in the law whether through a legislative change or appellate cases. These nuances in the law, affect the daily work of law enforcement officers. The Academy staff is currently responsible for notifying and educating the XXX state police troopers of these updates in a clear, concise and timely manner. There has been a total transformation of traffic safety related laws in the Commonwealth in the past ten years that makes it incredibly difficult for the Academy Staff to maintain the high level of professional training and education that has become the cornerstone of the Massachusetts State Police. Although the Academy has an experienced staff of well-qualified instructors, the need for a full-time staff attorney at the Academy has become readily apparent.

In 2008, Massachusetts enacted legislation that decriminalized the possession of certain amounts of marijuana. As an indirect consequence of the legislation, the public perception was such that the consumption of marijuana while operating a motor vehicle was permissible. In 2012, further expansion of the utilization of marijuana for medicinal purposes was approved by the voters and in 2016, recreational marijuana was passed by the voters, thus more motorists have been utilizing marijuana while operating a motor vehicle. The inevitable end goal appears to be the legalization of marijuana. NHTSA notes that, for fatally injured drivers, cannabis is detected in 7% to 37% with a mean of 14%.

The National Highway Traffic Safety Administration's (NHTSA's) 2013-2014 National Roadside Survey found that more than 22 percent of drivers tested positive for illegal, prescription or over-the-counter drugs. This was true for both weekday daytime and weekend nighttime drivers. But illegal drug use increased from daytime to nighttime while use of prescription drugs decreased. By comparison, 1.1 percent of drivers tested positive for alcohol during the daytime on weekdays, but 8.3 percent of drivers on weekend nights tested positive (NHTSA).

In addition, the Traffic Programs Section of the State Police conducts, on average, over eighty checkpoints and saturation patrols annually. Troopers working these checkpoints are observing a marked increase in the use of marijuana by operators that proceed into the checkpoints. Troopers screening potentially drug impaired operators rely on academy training, field training and advanced training (ARIDE, DRE), however, unlike a preliminary breath test (PBT) which is used roadside as the last field sobriety test for alcohol, there is currently not a device available to screen for drugs. The Department of State Police is working in conjunction with Alere and Draeger to conduct a roadside oral fluids drug testing pilot program with the ultimate goal being an instrument that law enforcement can use to detect drug impaired drivers at roadside.

To assist in maneuvering through the advancements in technology and the law, the Massachusetts State Police are seeking funding for a Traffic Safety Resource Prosecutor (TSRP) to be assigned to the Academy. This TSRP will work with the Academy Staff and the Traffic Programs Section to provide law enforcement officers and their partners with training and resources in the area of vehicular crimes, assist law enforcement officers across the state with search and seizure issues during roadside stops, sobriety checkpoints, and assist and navigate the legal challenges law enforcement officers will face with the recent legalization of marijuana. The TSRP will provide trainings to law enforcement across the state in areas of distracted driving, drugged driving, report writing, courtroom testimony and various other traffic related topics. These grant funds will ensure that as the State Police navigates through these uncharted technological advances in the law enforcement field, the TSRP will be there to assist and guide through the successful process.

Statement of Need

In 2013 there were 326 fatalities on the Roadways of the Commonwealth, according to the *National Highway Traffic Safety Administration.* Many of these 326 incidents resulted in criminal charges. In that same year in Massachusetts, there were over 16,000 arrests for operating under the influence of alcohol or drugs. The Massachusetts State Police seeks to improve the ability of the Traffic Program to effectively conduct motor vehicle stops and arrests through education, training and legal guidance particularly focused on the following areas:

a. Vehicular crashes involving personal injuries
b. Operating under the influence of alcohol or drugs
c. Operating with a suspended or revoked license
d. Distracted driving
e. Medical Marijuana
f. Sobriety Checkpoints
g. Anticipated challenges to ALPR once warrants are written based on ALPR data.

Currently, Traffic Programs lacks the resources necessary to provide continuous, progressive training so that all law enforcement officers are trained to properly effectuate motor vehicle stops, write and serve warrants and effectively prepare a case for prosecution. Additionally, the whole law enforcement community is also in need of training and all partners could benefit from consistent, up-to-date reference materials to assist in the adjudication of these issues.

Goal

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To reduce fatalities, injuries and economic losses resulting from motor vehicle crashes on the roadways of the Commonwealth of Massachusetts by providing training, education and technical support to law enforcement officers and other traffic safety partners throughout the state.

Objectives

1. To have one full-time staff attorney assigned to the State Police Standards and Training Section, specifically, the Academy, dedicated exclusively to training, educating and offering technical support to law enforcement officers throughout the state.
2. To assist and navigate the legal challenges to sobriety checkpoints, oral fluid drug testing and ALPRs in criminal investigations and prosecutions.
3. To develop curriculum in all areas of traffic safety.
4. To develop and update traffic safety programs and resources.
5. To act as a resource for all traffic safety partners across Massachusetts.
6. To participate in working groups and subcommittees on traffic safety.

FFY 2017 Program Plan

The Massachusetts State Police seek to hire an individual who is a former prosecutor who will provide training, education and technical support alongside the Academy Staff. Traffic crimes and safety issues include but are not limited to: alcohol and/or drug impaired driving, vehicular homicide, occupant restraint and other highway safety issues. The TSRP will assess the needs and demands unique to Massachusetts and work in conjunction with many agencies to meet these needs. The National Highway Traffic Safety Administration (NHTSA), Municipal Police Training Committee, Mass. Chiefs Association, crime laboratory, and victim advocate groups will all be utilized to facilitate services to both prosecutors and law enforcement.

Qualifications:

- Juris Doctorate with at a minimum of eight years prosecuting criminal cases.
- Member in good standing of the State Bar.
- Extensive experience in the prosecution of impaired driving cases.
- Knowledge about the NHTSA Standardized Field Sobriety Testing, sobriety checkpoints and saturation patrols, and the Drug Evaluation Program.
- Impressive writing and oral advocacy skills.
- At least six years of training experience.

Budget Narrative

Personnel

- **Traffic Safety Resource Prosecutor – October 1, 2016 – September 30, 2017**

  In order to get an attorney with the experience and necessary to take on the challenges in Traffic Programs, we request a salary commiserate with the level of experience required to fill this TSRP position.

Fulltime Staff Attorney Salary:	**$XXX,000.00**
Additional Salary costs for Staff Attorney:	**$.0**
Fringe and Insurance (FY 2017 rate 35.16%)	$.0

Payroll Tax Rate (FY2017 rate 1.66%)	$.0
Indirect (FY 2017 rate 10.00%)	$.0
Total Personnel Expense (HSD figures)	**XXX,000.0**
Total Personnel Expense	***XXX.0***

Office Supplies/Miscellaneous

- **Office Supplies/Equipment Fees/Misc – October 1, 2016 – September 30, 2017**
  Office supplies, equipment fees, and miscellaneous items associated with the implementation of the outlined grant activities and projects including: staff attorney bar dues, printing, training supplies, traffic safety training equipment, desk calendar, disks, memory sticks, audio-visual equipment, as well as other items as needed.

Cost:	$ 6,000.00
Total Office Supplies/Equipment/Miscellaneous	***$6,000.00***

Travel/Trainings and Conferences

- **Drugged Driving – Fall 2017**
  The TSRP will host a one-day training on *Identifying the Drugged Driving* for law enforcement officers. This training will focus on marijuana and how to identify the signs and symptoms of marijuana impairment. This training will incorporate a section on drug recognition utilizing the experienced DREs in the Commonwealth.

Cost:	$ 0.00

- **Cops In Court – Fall 2017/Summer 2017**
  The foundation to any successful Operating Under the Influence prosecution is a well written police report. This is an area of weakness for many law enforcement officers as it is a skill that is rarely taught in any class. National Traffic Law Center's *Cops In Court* course will be utilized to train Massachusetts law enforcement officers. This training will be repeated a least two times.

Cost:	$ 0.00

- **NHTSA TSRP Regional Training – March 2016**
  Biannually NHTSA sponsors regional meetings that bring together the TSRPs from Vermont, Maine, New Hampshire, Rhode Island, Connecticut, and Massachusetts. These meetings are extremely valuable for the brainstorming and exchange of ideas to increase public awareness of the NHTSA campaigns.

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Cost: $800.00

- **The 22nd Annual IACP DRE Section's Training Conference on Drugs, Alcohol, and Impaired Driving – Summer 2016**
  IACP DRE Section's Annual Training Conference on Drugs, Alcohol and Impaired Driving, has helped DREs and other health and safety professionals stay up-to-date on drug trends, legal issues, and innovative technology. Most TSRPs from across the country attend this training to get up to date information on the drug trends and new technology. The 2016 conference will be held in Denver, Colorado, August 13-15, 2016 at the Hyatt Regency Hotel.

  Cost: $2,000.00

- **Lifesavers Meeting – Spring 2017**
  Lifesavers is the premier national highway safety meeting in the United States dedicated to reducing the tragic toll of deaths and injuries on our nation's roadways. Drawing over 1,500 participants in 2016, Lifesavers continues to be the essential conference since its start in the early 1980s. Each year, the Lifesavers Conference provides a forum that delivers relevant and timely common-sense solutions to today's critical highway safety problems.

  Cost: $2,000.00

- **Overtime for Sobriety Checkpoint Attendance – October 1, 2016 – September 30, 2017**
  The TSRP will be required to assist with sobriety checkpoints as the new oral fluid drug testing program gets under way. This category will cover overtime pay for the TSRP to assist with at least ten checkpoints throughout the calendar year.

  Cost: $8,000.00

- **In-State Travel– October 1, 2016 – September 30, 2017**
  This category covers in-state travel (mileage, tolls and parking) associated with the implementation of the outlined grant activities and projects and any additional training opportunities with law enforcement or other traffic safety agencies.

  Cost: $800.00

Total Travel/Trainings and Conferences Expense ***$XXX,000.00***

Project Evaluation

The success of the Massachusetts State Police's initiatives will be evaluated in the following manner:

Trainings Provided and Evaluation Forms: At each formal training and/or conference, the State Police provides all attendees with an electronic evaluation form. The evaluation forms are tailored for the specific event, but are standardized in that the attendee is always asked to evaluate the

content of the presentation, the practical application of the material in a courtroom setting, and the usefulness of any training materials. In addition, the attendee is provided with several open-ended questions that invite recommendations for ways in which the event can be improved along with any additional feedback.

Technical Assistance: The TSRP will log the number of technical assistance calls that come in from the law enforcement community and other partners and report that number in an annual report.

The Success of the Oral Fluid Drug Testing Program: The TSRP will monitor and guide the oral fluid drug testing program as it gets underway lending legal advice and assistance when necessary to make this program as successful and useful to Massachusetts as possible.

Challenges to the Sobriety Checkpoints: There are currently numerous challenges to the sobriety checkpoints to both the State Police paperwork that guides the checkpoints as well as the administration of the checkpoint itself. The TSRP will assist both the law enforcement officers and prosecutors in responding to these challenges and report the number of successes.

Partners

The State Police partners include: The International Association of Chiefs of Police, Mothers Against Drunk Driving, The Brain Injury Association, Mental Health and Substance Abuse Corporations of Massachusetts, Inc., The Department of Public Health, The Massachusetts District Attorneys Association, The Municipal Police Training Committee, and The Judicial Institute. The State Police do not receive funding for a TSRP from any other sources.

Supplanting

The TSRP position will be developed and maintained with the use of HSD grant funding. No funds will go to pay for ongoing activities already budgeted or for activities assigned to a position.

Total Proposal: ***$XXX,000.00***

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Automated Regional Justice Information System (ARJIS)
Acceptable Use Policy for the Regional License Plate Reader System

Revised: 02/13/2015

A. STATEMENT OF PURPOSE

The purpose of this document is to outline the responsibilities of the Automated Regional Justice Information System (ARJIS) in its role as a law enforcement information technology provider for the Regional License Plate Reader (LPR) data storage system (LPR system). ARJIS, in cooperation with local, state, and federal law enforcement agencies, maintains a regional server as a LPR data repository in support of law enforcement efforts to improve public safety.

ARJIS provides the secure network infrastructure, technical standards, security protocols, controlled access, and database administration for the LPR system. Included in the support of the secure infrastructure are ongoing system updates, maintenance, disaster recovery, and security monitoring of the circuits, hubs, routers, firewalls, databases, and other components that comprise the ARJIS Enterprise, ensuring the priority, integrity, and availability of service to authorized law enforcement users. This Acceptable Use Policy sets forth rules restricting how the LPR system may be accessed by authorized user agencies (agencies) and defines how the LPR system is maintained by ARJIS.

The Regional LPR Operational Protocol under development by the County Chiefs' and Sheriff's Association outlines LPR best practices and standard operating procedures for those agencies that utilize LPR in the field.

B. LPR OVERVIEW

LPR data is collected by agencies utilizing specially-designed cameras to randomly capture an image of a vehicle license plate and convert the plate characters into a text file using optical character recognition technology. The text file can then be sent to a computer and compared against pre-existing data files, such as databases containing records of stolen or wanted vehicles as well as vehicles associated with AMBER alerts, missing children, wanted subjects, or other criteria. If a match is found, the LPR user (law enforcement officer or agency) is notified by an audible alert and an associated notation on the user's computer screen.

LPR cameras can be mobile (mounted on vehicles) or fixed (mounted to a structure) as determined by the agency that owns the cameras.

Mobile LPR systems scan plates, notify the user of a vehicle alert, and store the plate scan data for upload or transfer to an agency LPR server or the regional LPR server. LPRs in fixed positions link to an LPR server at the agency owning the fixed camera for updates, transmission of scanned plate data in real- time or near-real time, and alert notifications. The LPR data from agency LPR servers is replicated (copied) to the regional server in near real time. The alerting functionality resides with the agencies, not with ARJIS.

The alert lists against which license plate reads are checked may include (but are not limited to) the Stolen Vehicle System and Felony Warrants System, provided by the California Department of Justice (Cal DOJ); and downloaded four times a day. LPR users are required to take into account the potential for lag time between the last update and an alert provided by the LPR system on a stolen or wanted vehicle. Any alert provided by an LPR system is to be considered informational and advisory in nature only and any subsequent action in the field will be based on a law enforcement

agency's standard operating procedures.

1. Specification of Use

Recognizing the public safety benefits that could be achieved by the effective sharing of LPR data, ARJIS established a regional server accessible to authorized agencies capable of receiving and storing LPR data as well as providing query and alerting functions. The data is transferred to the regional server via wireless or hard-wired encrypted communications. Some of the agencies send their scanned plates directly to the regional server, while most of the larger agencies send their LPR scans to their agency-specific server first. The data is then uploaded to the regional server, in near-real time.

The plates scanned by the LPR systems are stored in a stand-alone regional server. The regional server is designed to meet Federal Bureau of Investigation Criminal Justice Information System (FBI CJIS) and Cal DOJ requirements, policies, and procedures, and is not connected to any other server.

The LPR system is restricted to legitimate criminal justice uses for the purpose of furthering law enforcement goals and enhancing public safety. There are two primary objectives of LPR data use in the region. The first is to identify stolen or lost vehicles and license plates, and wanted or missing persons, by matching the LPR data to the alert lists downloaded by Cal DOJ. The second objective is the ability to query LPR data to assist officers with ongoing criminal investigations, crime prevention and detection, and aid in the prosecution of crimes involving vehicles. LPR data is queried only if there is a reasonable suspicion that a vehicle is involved in criminal activity and the requestor has a legitimate need to know.

2. Privacy and Data Quality

2a. Privacy

In October 2008, prior to the implementation of the LPR system, ARJIS participated in a Privacy Impact Assessment (PIA) effort led by the International Association of Chiefs of Police. This effort involved the review of existing local, state, and federal laws, and American Civil Liberties Union privacy concerns. The resulting PIA, published in 2009, provided background for the development of this Policy.

Access to and use of LPR data is for official law enforcement purposes only. Accessing and/or releasing data from the LPR system for non-law enforcement purposes is prohibited. LPR data access and use is governed by the Cal DOJ California Law Enforcement Telecommunications System (CLETS) Polices, Practices and Procedures (PPP) (current rev. 09/2014), via CalMaster Control Agreement between the San Diego County Sheriff's Department (Sheriff) and ARJIS. The CLETS PPP further references the FBI CJIS Security Policy (current rev. 5.3, 8/4/2014).

The data records stored on the regional LPR server include photographs of the vehicle (close-up of the license plate and context photo of the rear of the vehicle)

and accompanying license plate number, date, time, and location in the field, and do not directly identify a particular person.

2b. Source Data

Each agency contributing data retains control and ownership as the official custodian of its records. Prior to sending any data to the regional LPR database, an agency must comply with the following:

- Be an ARJIS Public Safety member agency.
- Be a CLETS-certified agency.
- Be the owner, operator, manager, or controller of the LPR equipment that captures the contributed data.
- Maintain compliance with applicable FBI CJIS security policies regarding law enforcement data.
- Provide only LPR data that is in a format consistent with the National Information Exchange Model (NIEM) standard, or data that is readily capable of conversion to a NIEM-compliant format.
- Provide LPR data that includes, at a minimum, the time, date, and location of capture as well as a unique identifier of the equipment used to capture the information.
- Ensure that LPR equipment utilized by the agency is in full compliance with any requirements or standards established by the United States Department of Justice in regard to LPR systems.
- It is recommended that agencies that do not operate their own LPR server will implement a real time or near-real time data transfer to the regional server, via encrypted communication infrastructure, approved by Cal DOJ. This ensures the timeliness and effectiveness of the alert lists and provides maximum public safety benefit.

3. Data Limitation

The regional LPR server is not to be accessed for the purpose of monitoring individual activities protected by the First Amendment to the United States Constitution. The regional server does not contain alert lists for any of the following activities: insurance issues, parking scofflaws, deadbeat parents, and/or vehicle impounds.

The LPR system exists for the sole purpose of assisting law enforcement officers with ongoing criminal investigations and only for authorized public safety purposes.

4. Performance Evaluation

In addition to audit reports, ARJIS staff regularly monitors the LPR system for performance, reliability, and functionality. Staff also provides system-generated management reports for the participating agencies that highlight agency use, the number of license plate reads on file, and any technical issues identified during the reporting period. Other system-generated reports are produced on an as-needed basis.

5. Transparency and Notice

ARJIS is a Joint Powers Agency governed by the San Diego Association of Governments (SANDAG) Public Safety Committee, which includes elected officials representing the sub-regions of San Diego County and public safety officials.

LPR systems managed and hosted by individual law enforcement agencies existed within San Diego County prior to implementation of the LPR system. A PIA and Regional LPR Guidelines were completed prior to implementation of the LPR system.

This Acceptable Use Policy, the associated PIA, and other governing documents are currently posted on the ARJIS website at ARJIS.org.

6. Security

Regional LPR data is stored in a segregated server located in a secured law enforcement facility with multiple layers of physical security and 24/7 security protections. Physical access is limited to law enforcement staff and select ARJIS technical staff who have completed background investigations and completed the relevant FBI CJIS state and federal training.

Authorized ARJIS technical staff shall have the responsibility for managing the LPR system and associated infrastructure. ARJIS utilizes strong multi-factor authentication, encrypted communications, firewalls, and other system auditing, physical, administrative, and security measures to minimize the risks of unauthorized access to the system.

7. Retention, Access, and Use of LPR Data

7a. Retention

LPR data sent to ARJIS and stored on the regional server will be retained for a period of twelve months. The retention policy is consistent with the policies of the majority of agencies in California that have implemented LPR systems as of January 2015. Once the retention period has expired, the record will be purged from the active database. If an agency determines select LPR data is relevant to a criminal investigation, it is the responsibility of that agency to document and retain those records on its own server in accordance with the agency's policies regarding records retention. In the event California passes pending LPR legislation, this provision will automatically incorporate the retention period mandated in the legislation and will

supersede the 12-month period set forth above.

7b. Requirements for All Users Accessing Regional LPR data

Various measures are taken by ARJIS to limit access to the regional LPR server to prevent unauthorized access. Only those authorized personnel who have met the minimum training, certification, and background checks required for access to criminal justice data may access the regional LPR server. These requirements concerning the security and confidentiality of all 'justice data' are set forth in the FBI CJIS Security Policy and the CLETS PPP.

Authorized users must have an active account in the ARJIS Security Center, are mandated to follow the procedures for establishing complex passwords that must be changed every 90 days, and must enter a reason for access to LPR data prior to executing a query. These requirements are all built into the LPR system and are enforced using data entry fields that users must populate in order to access the regional LPR server. All queries for LPR data are subject to audit and kept in audit logs in accordance with the procedures outlined in the audit section below.

7c. Use of LPR data

LPR data is for official law enforcement purposes only. Participating law enforcement agencies will not share LPR data with commercial or private entities or individuals. However, participating law enforcement agencies may disseminate LPR data to governmental entities with an authorized law enforcement or public safety purpose for access to such data, in accordance with existing FBI and Cal DOJ policies, and their agency's standard operating procedures. ARJIS assumes no responsibility or liability for the acts or omissions of such agencies in disseminating or making use of the LPR data.

8. Auditing and Accountability

ARJIS has developed preset queries to the regional LPR server for auditing and other tracking functions. Included are audit capabilities for individual user activity, management reports of interface functionality and reliability, reports from session logs, and other key system metrics.

Access to, and use of, LPR data is logged for audit purposes. Audit logs are maintained for a minimum of three years. Audit reports are structured in a format that is understandable and useful and will contain, at a minimum:

- The name and agency of the user
- The date and time of access
- The specific data queried

- The justification for the query including a relevant case number if available at the time.

ARJIS will provide specific information regarding individual access and queries upon request from any agency. Identifying and addressing intentional misconduct is the responsibility of the individual agency. Notwithstanding the participating agency's responsibility with regard to misconduct, ARJIS reserves the right to enforce this Policy as described below.

9. Enforcement of Policy

Violation of this Policy by an ARJIS member agency or its staff may lead to suspension or termination of an agency or particular agency staff person's access to the regional LPR system. In the event a member agency discovers suspected or actual misuse of the regional LPR system, it will immediately inform the Director of ARJIS, who will in turn immediately notify the SANDAG Director of Technical Services and SANDAG Executive Director. In the event ARJIS discovers suspected or actual misuse of the regional LPR system, the Director of ARJIS will immediately notify the SANDAG Director of Technical Services, the SANDAG Executive Director, and the agency. The Technical Services Director, in consultation with the Director of ARJIS, or their designees, will determine whether to suspend or terminate access and if so for whom the suspension or termination will apply and will notify the affected agency. The affected agency will be notified of the decision by SANDAG and then will have 10 calendar days to appeal the decision to the SANDAG Executive Director. The Executive Director shall have final decision-making authority.

10. Policy Revisions

The Acceptable Use Policy for the Regional LPR System will be brought to the SANDAG Public Safety Committee and the SANDAG Board of Directors at least once per year for review and determination regarding the need for amendments.

Updates regarding the LPR system will be provided to the SANDAG Public Safety and Chiefs'/Sheriff's Management Committees annually or upon request.

11. Indemnification

Each user of the Regional LPR system (User) agrees to indemnify and hold SANDAG and ARJIS, and each of their personnel, harmless from any claim or demand, including reasonable attorneys' fees, made by any third-party in connection with or arising out of User's use of the Regional LPR system, User's violation of any terms or conditions of this Policy, User's violation of applicable laws, regulations or other policies, or User's violation of any rights of another person or entity. The term "Users" is defined to include each agency accessing the LPR system, as well as each individual person with access to the LPR system.

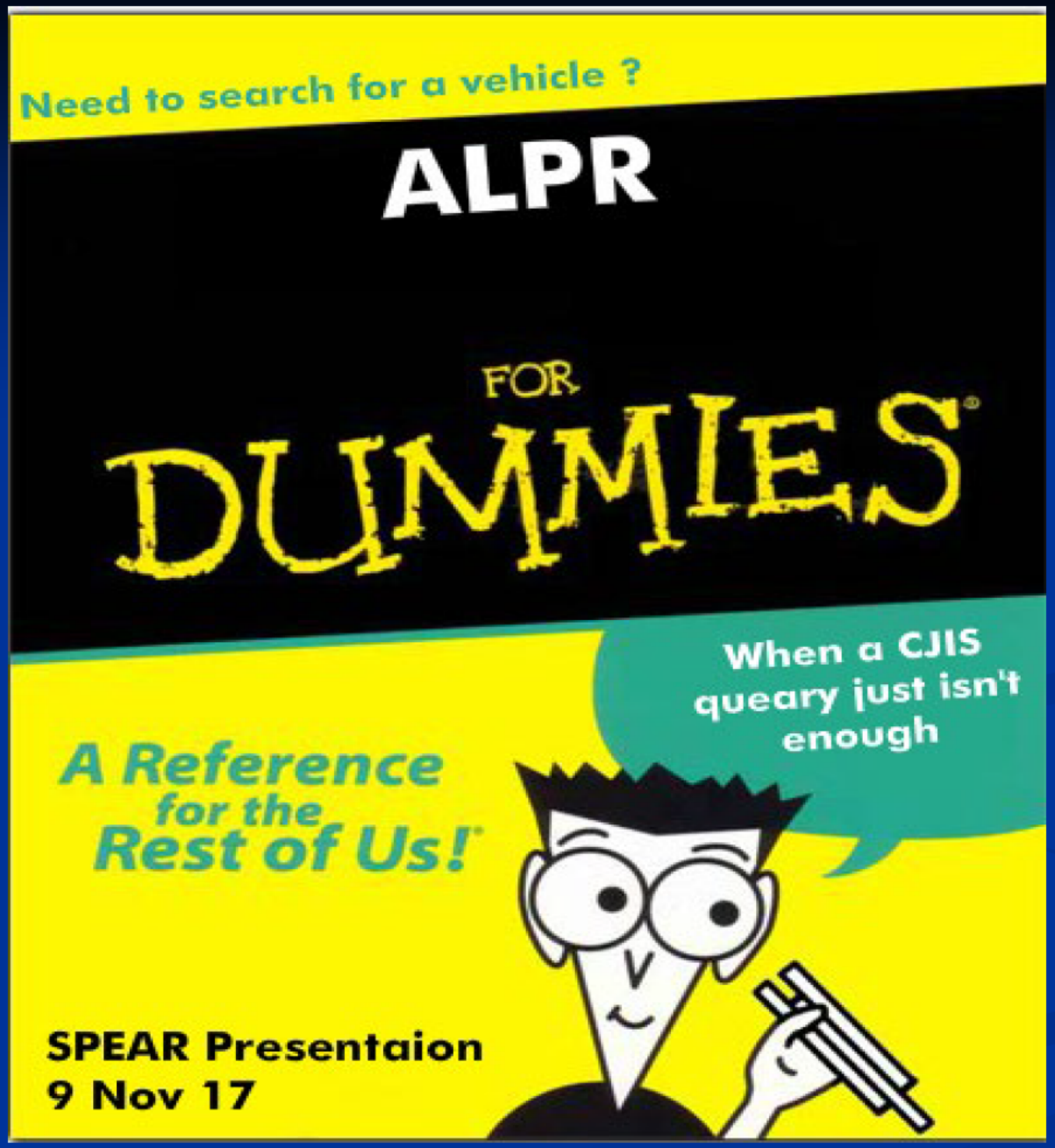
Automated License Plate Reader (ALPR)

S.P.E.A.R Presentation

9.Nov 17

DEFINITION

- *Automated License Plate Recognition* (*ALPR*) is technology which utilizes optical character recognition (OCR) converted into an algorithm to automatically read license plate characters. There are two types of *ALPR*: stationary, which uses infrared (IR) cameras at high fixed points, and mobile, which uses vehicle-mounted IR cameras.



LET'S KEEP IT SIMPLE !

Vendors

- Currently three (3) approved state vendors

  1-Nuology (formerly 3M), primary vendor used by MSP as well as several cities and towns.

  2-Vigilent Video –Used by some cities and towns, data held in a separate server at EOPSS.

  3-Elsag- not sure if anyone still using this system.

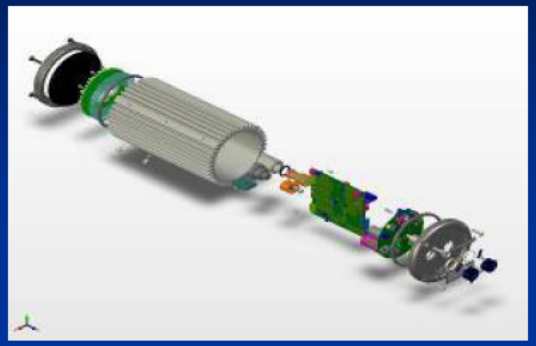
DATA retention

- All data* held at EOPSS CJIS in Chelsea at a central server for a period of one year unless there is an open investigation.
- DATA retention as well as ALPR utilization guided by TRF-11 Automatic License Plate Recognition promulgated on 7/22/2014

UTILIZATION / APPLICATIONS

- Law enforcement- BOLO, Amber Alert, Narcotics trafficking, Stolen MV, **HOTLIST**
- Tolling- open roads tolling
- Vehicle restricted access- refuse/dump, parking lot access

How ALPR Works



Advanced Camera Design



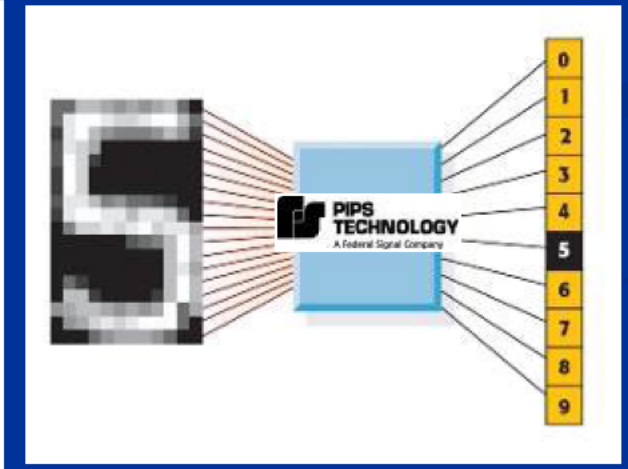
Infrared Illumination



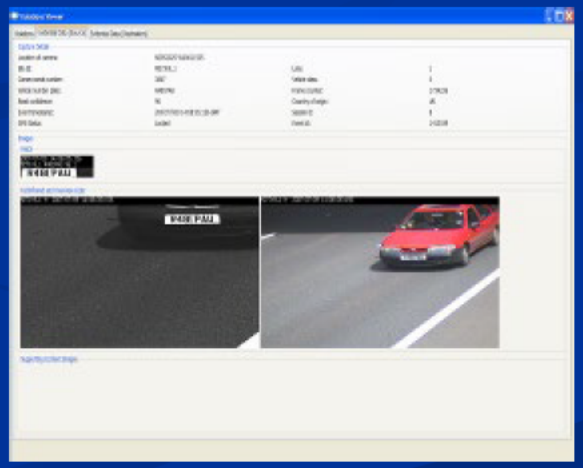
Plate Detection



TripleFlash Image Capture



Optical Character Recognition



Package Data for Software Use

DEPLOYMENT HISTORY

- Initial Deployment 6/2009. One cruiser H-CAT as a result of an EOPSS grant.
- Critical Infrastructure Grant 2/2013- Seventeen cruisers outfitted w/ three camera system.
- Troop E deploys two mobile units to determine future utilization of mobile and fixed cameras.
- 2015 Fixed Cameras installed in both directions on Bourne and Sagamore Bridges.
- 2017 MassPort G.L. c. 4.sec. 7.cl.26 (n)(security)
- Currently deploying covert VMS boards w/ hidden ALPR cameras to special events and points of interest.

Line Up



Light Bar Mount



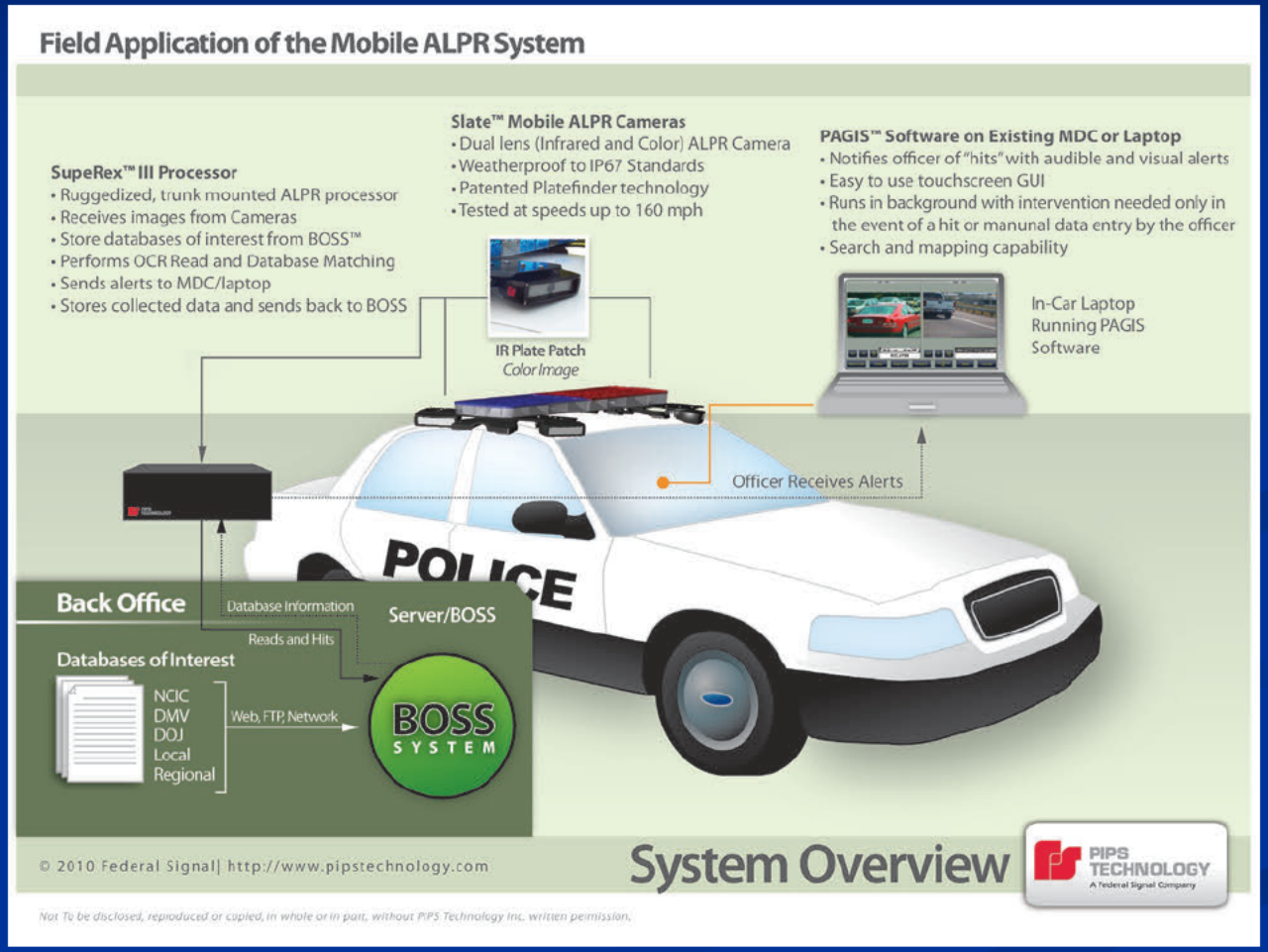
Trunk Mount



Covert Grille Installation



System Overview



PAGIS Cruiser software

Mobile ALPR System for Law Enforcement

Parking Applications

KIS – Simple is Good

Displays Camera Feeds

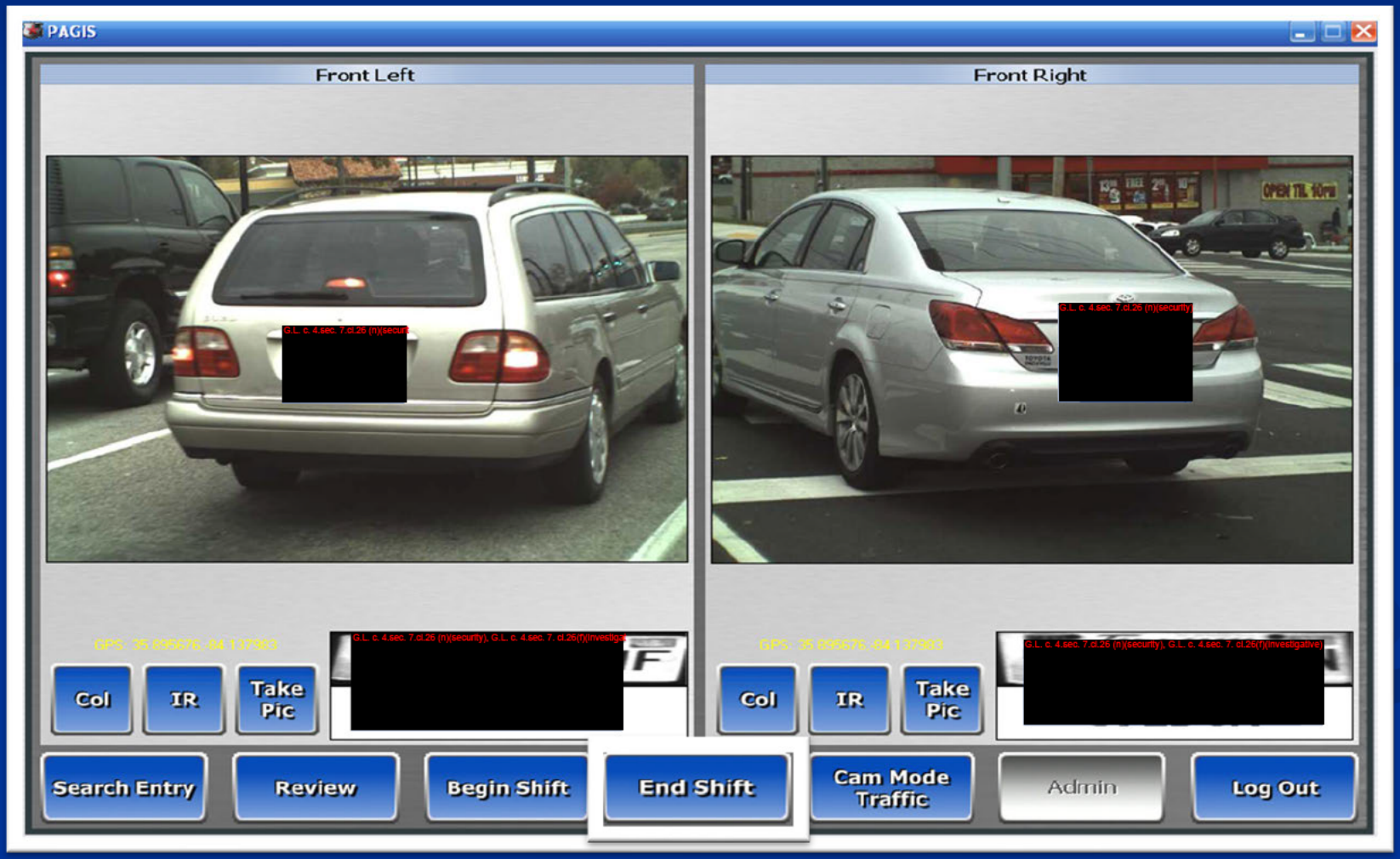
Matching Against Multiple Databases – Alerts

- NCIC Stolen
- Wanted Felons
- AMBER Alerts
- Unregistered Vehicles
- Others

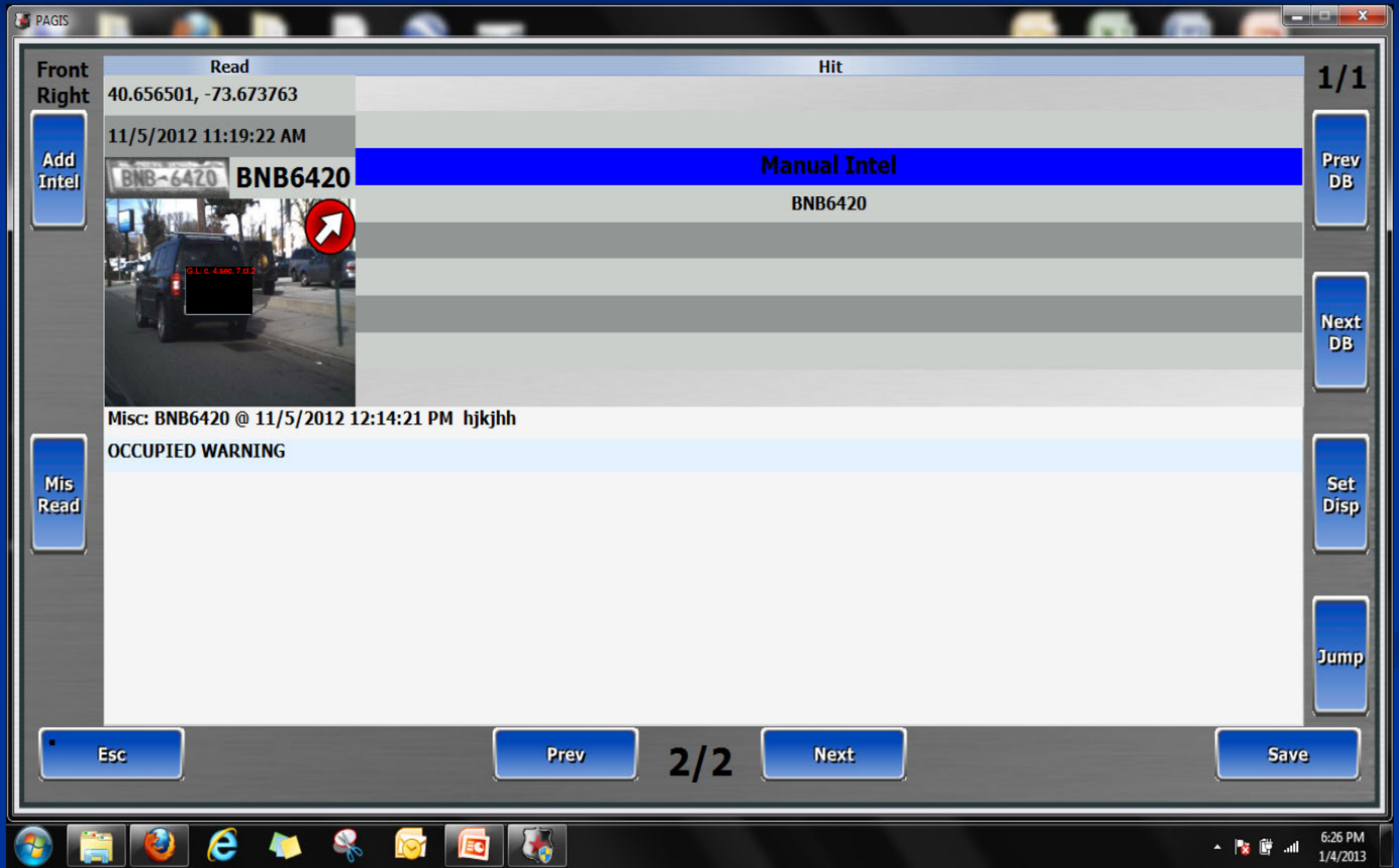
Search or input scanned plates



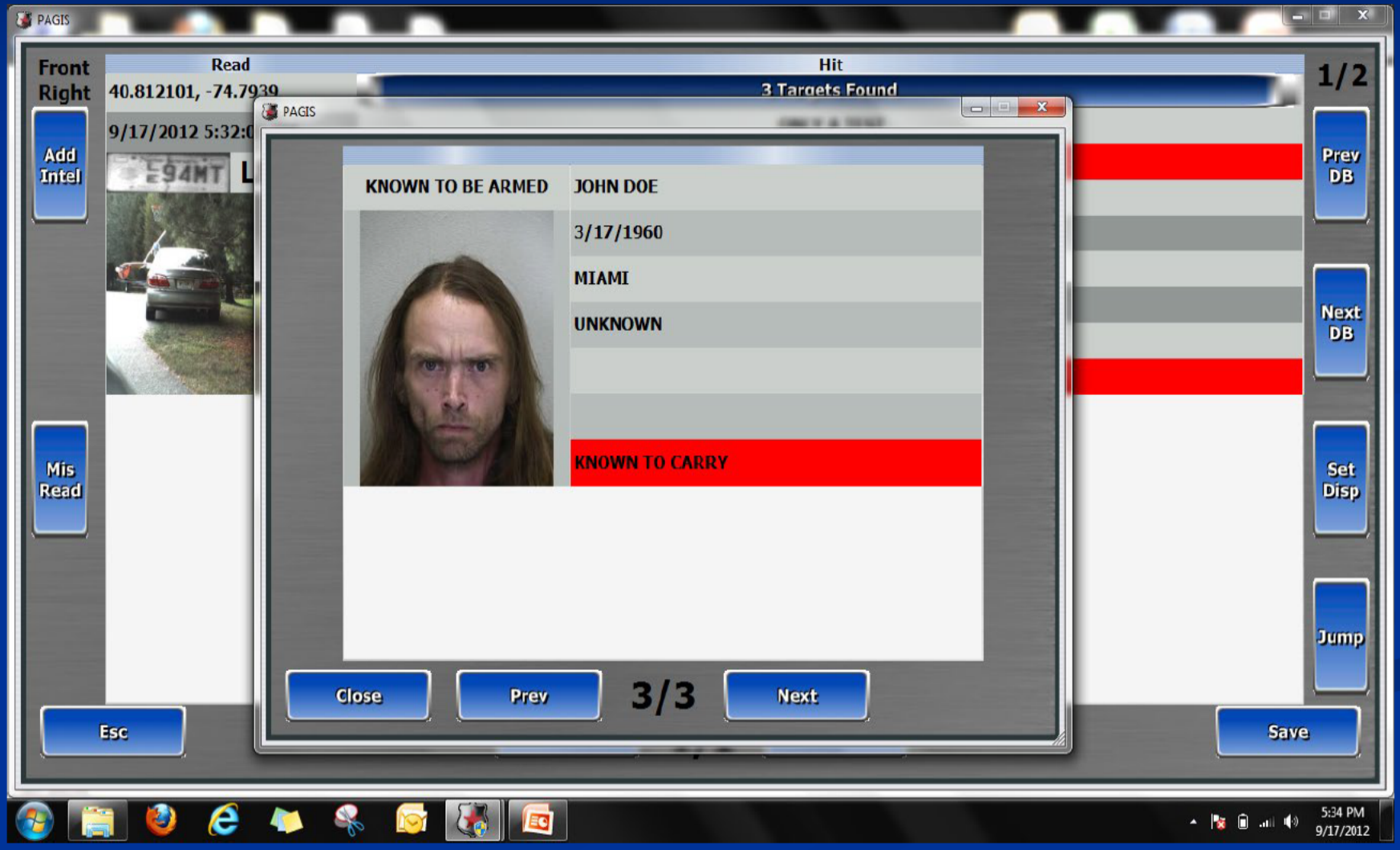
PAGIS – 7 Primary Buttons – Very Easy to Use



Hit Alert


PAGIS
Front Right
Read
Hit
1/1
40.656501, -73.673763
11/5/2012 11:19:22 AM
BNB6420
Manual Intel
BNB6420
Add Intel
Prev DB
Next DB
Mis Read
Set Disp
Jump
Misc: BNB6420 @ 11/5/2012 12:14:21 PM hjkjhh
OCCUPIED WARNING
Esc
Prev
2/2
Next
Save
6:26 PM
1/4/2013

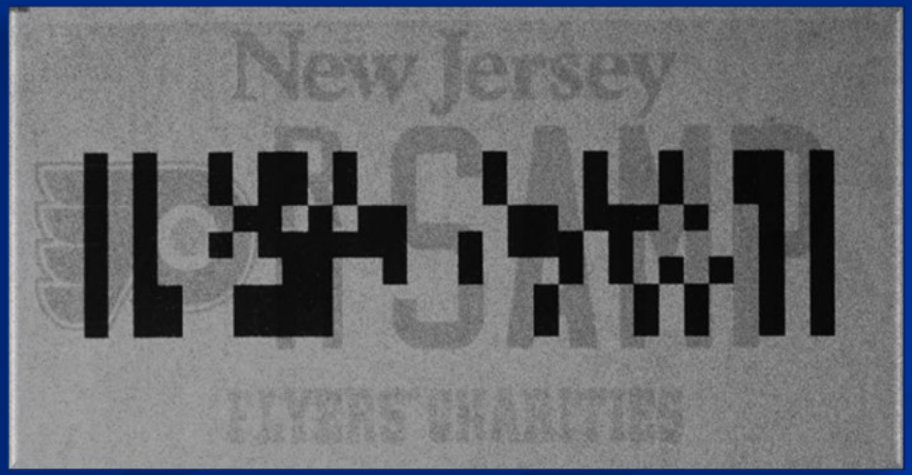
Hotlist Match – Targets



Machine Readable License Plate Barcode Concept/ Future Mass Plates



Visible light



Infrared (IR) light

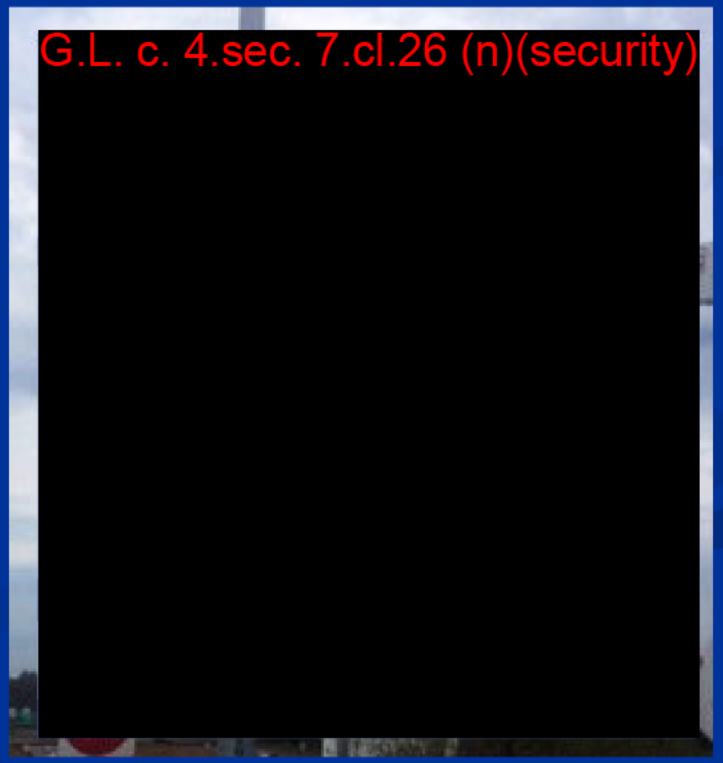
Joint Patent between legacy PIPS and 3M
Full Field Barcode Eliminates Interference from Plate Frames
Provides Highest Degree of Accuracy
Provides More Information to Officers

ALPR Fixed Cameras

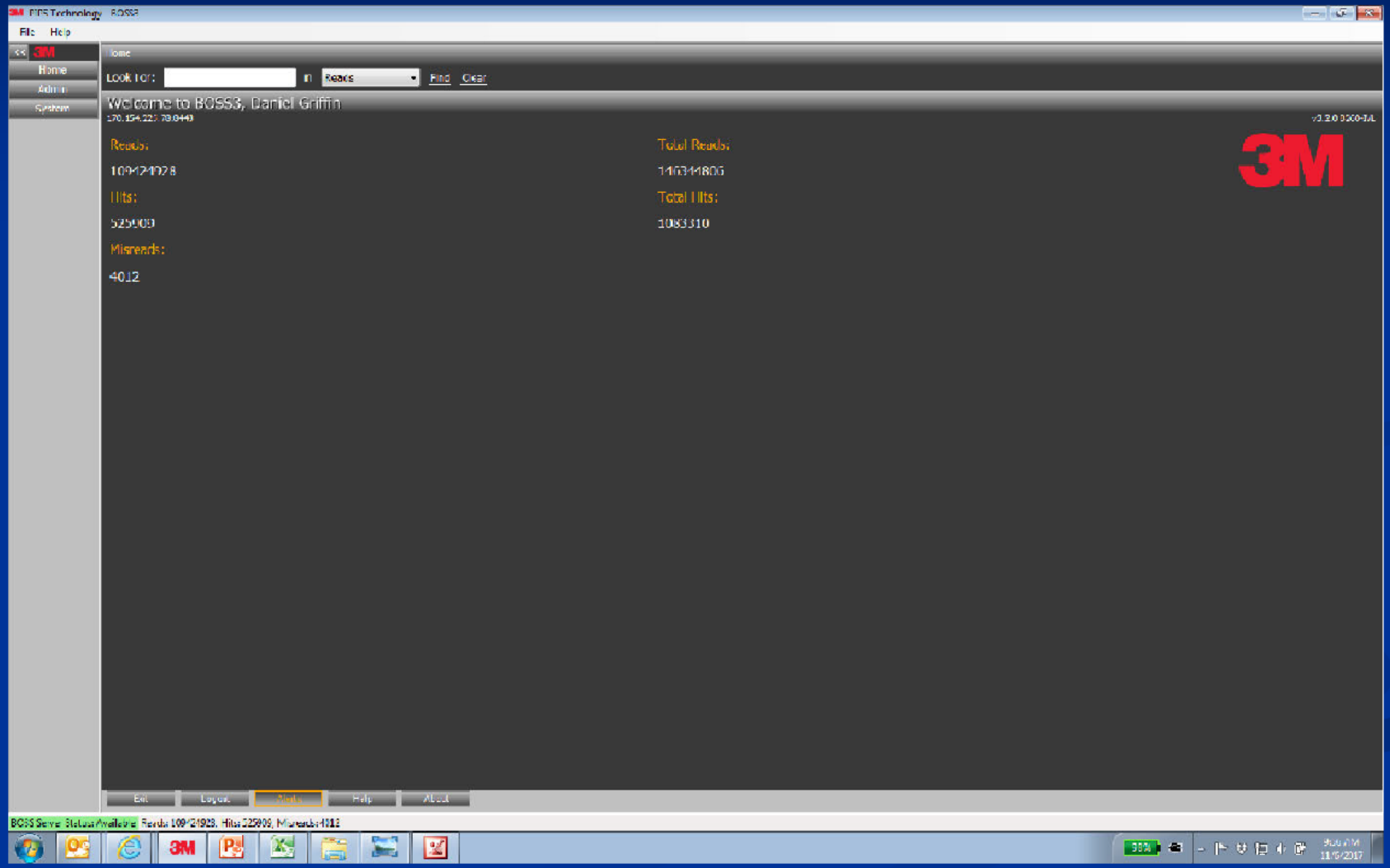


G.L. c. 4.sec. 7.cl.26 (n)(security), G.L. c. 4.sec. 7. cl.26(f)(investigative)

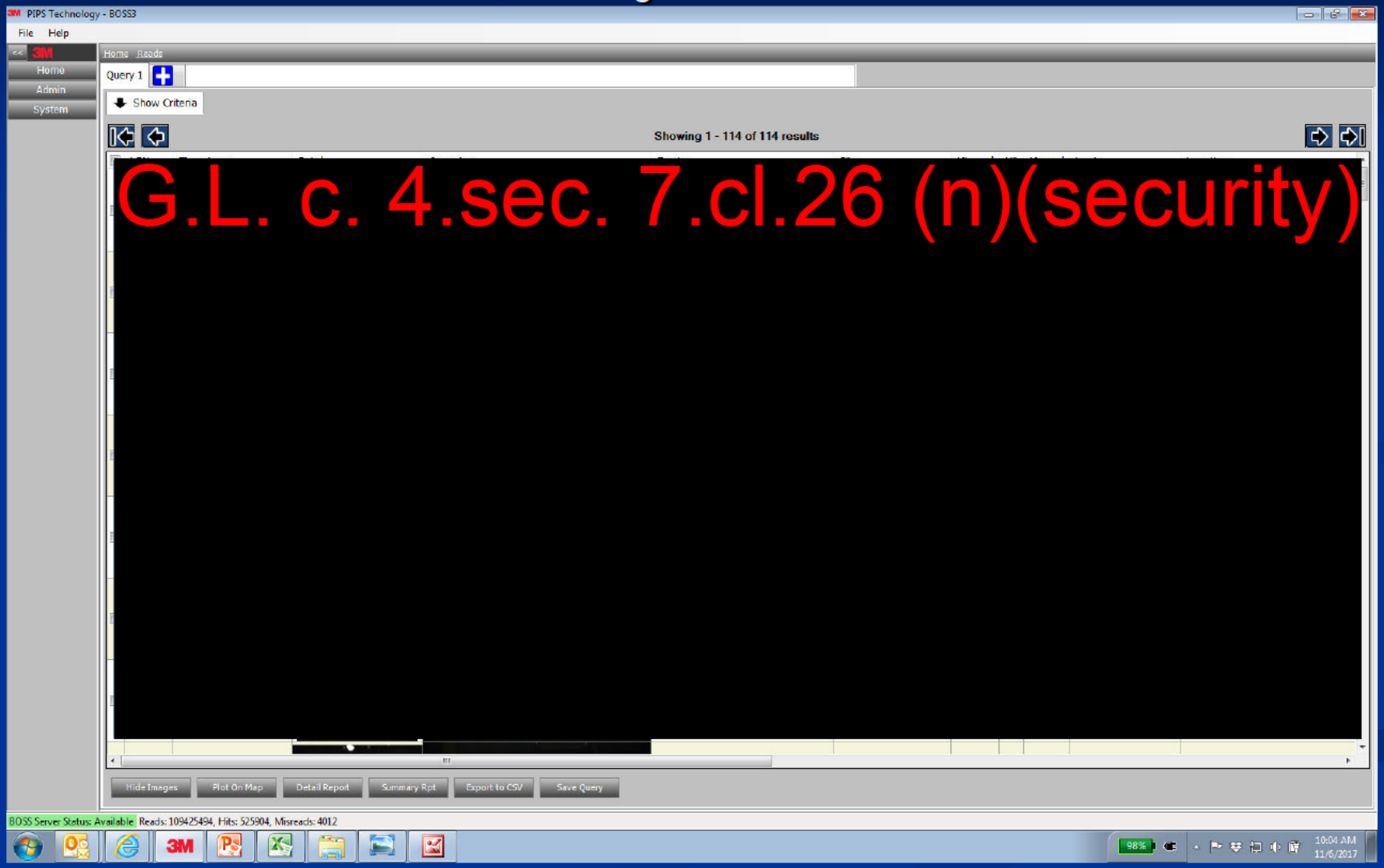
G.L. c. 4.sec. 7.cl.26 (n)(security)



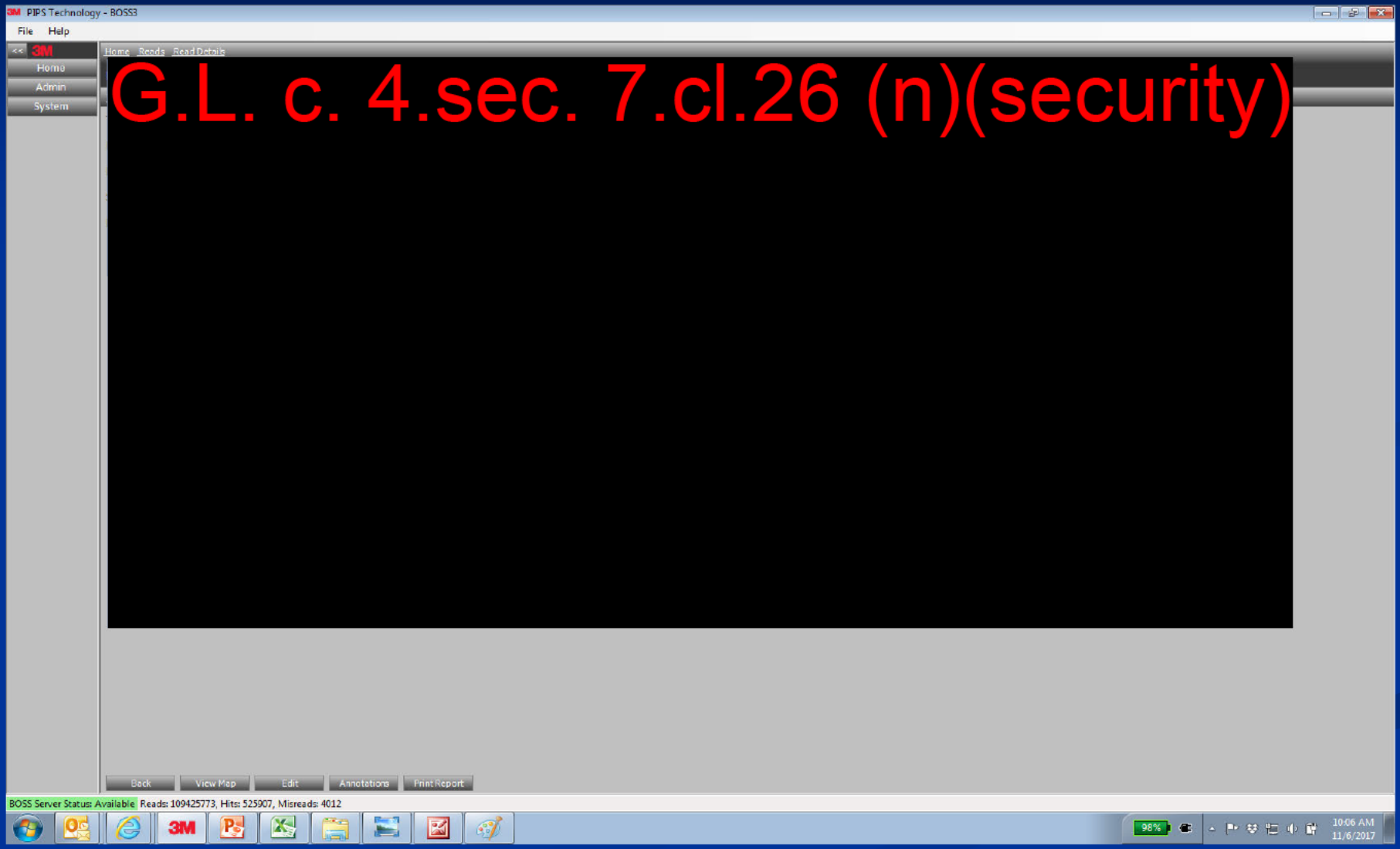
Back office software (BOSS)



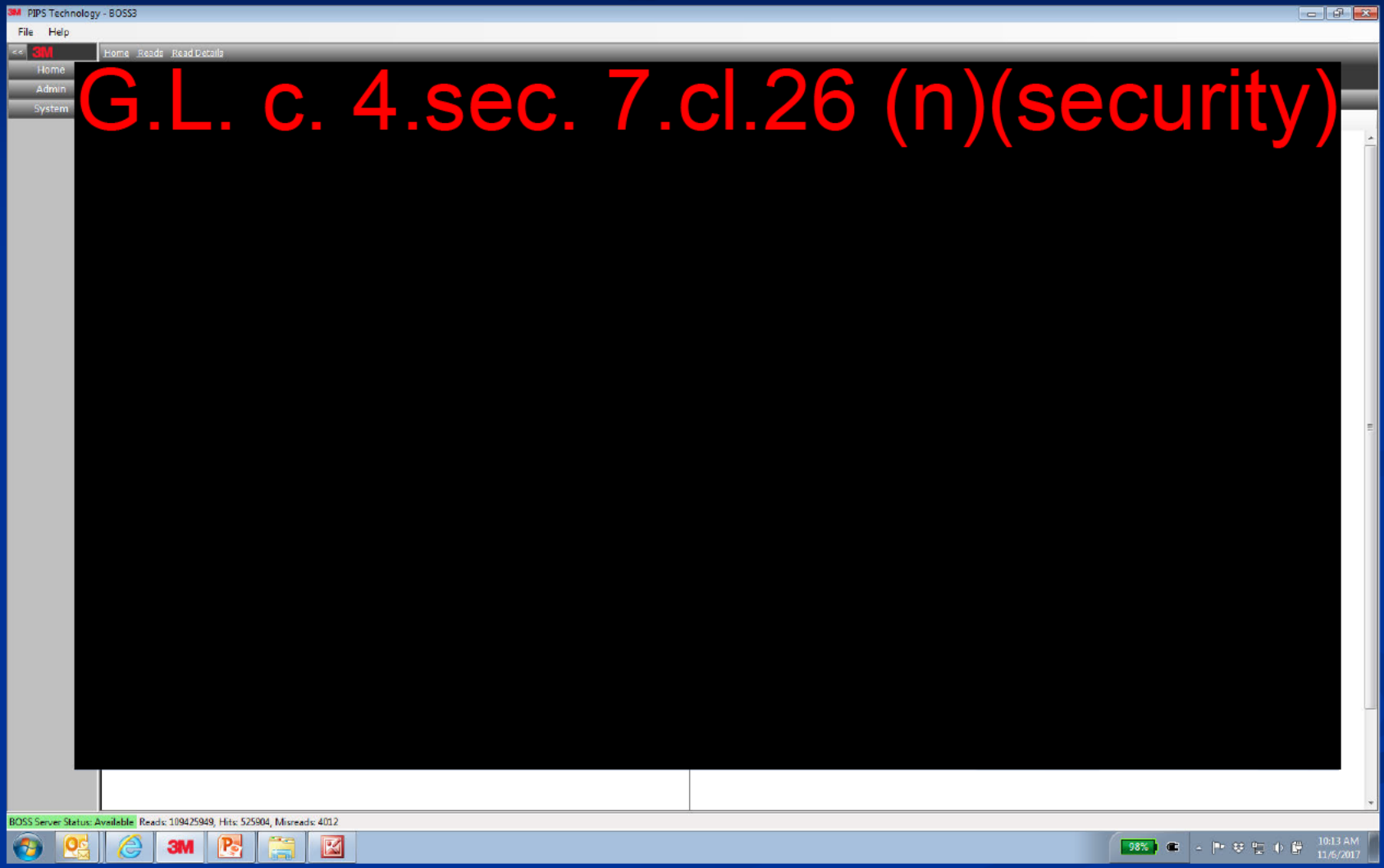
READS/ Query of Plate 2DH935



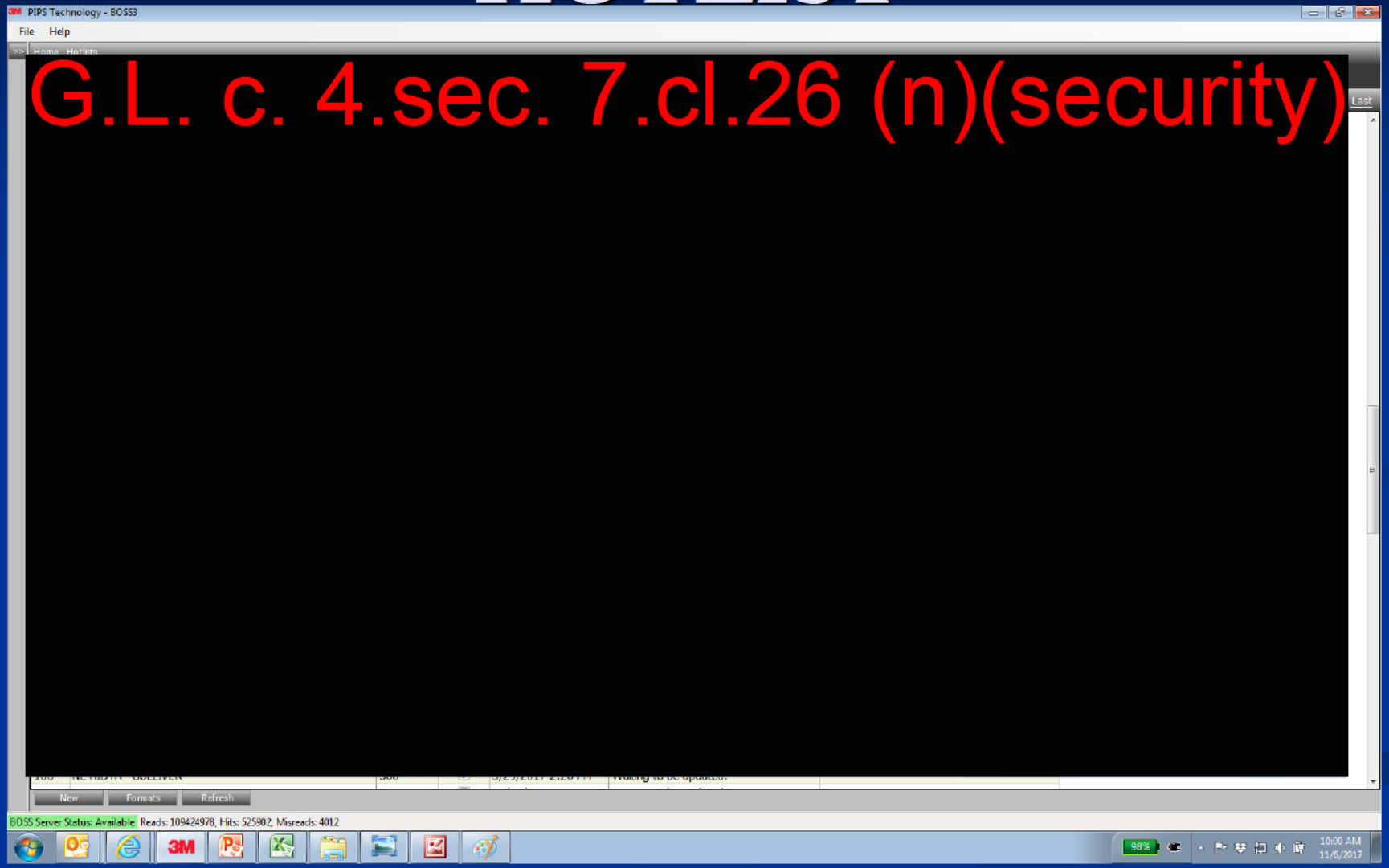
Read 2DH935


PIPS Technology - BOSS3
File Help
Home
Admin
System
Home Reads Read Details
G.L. c. 4.sec. 7.cl.26 (n)(security)
Back
View Map
Edit
Annotations
Print Report
BOSS Server Status: Available
Reads: 109425773, Hits: 525907, Misreads: 4012
98%
10:06 AM
11/6/2017

Print/export 2DH935



HOTLIST


PIPS Technology - BOSS3
File
Help
Home
Hotlists
Last
G.L. c. 4.sec. 7.cl.26 (n)(security)
New
Formats
Refresh
BOSS Server Status: Available
Reads: 109424978, Hits: 525902, Misreads: 4012
98%
10:00 AM
11/6/2017

Hotlist remote notification

- (BOSS License Plate# G.L. c. 4.sec. 7.cl.26 (n)(security) Hit on LPR Hotlist: MIDDLESEX SPDU
- License Plate# G.L. c. 4.sec. 7.cl.26 (n)(security)
- Date Time of Hit: 10/30/2017 5:24:40 PM

- Hit Location Details

ALPR BOSS Upgrades

- Query by make, color of vehicle
- Convoying feature: Identifies vehicles that are "accompanying" the target

Finally

- Always remember: You are conducting a query of vehicles, NOT INDIVIDUALS.
- The ACLU has argued this is an invasion of privacy, however since this data is in "plain view" they have yet to be successful in any state.
- Treat this data as you would CJIS data.

QUESTIONS



CONTACT:
Lt. Dan Griffin Traffic Programs Section
Direct: 508-988-7404 Cell 617-312-0467

Department of State Police
General Order

Effective Date	Number
September __, 2019	

Subject:

AUTOMATIC LICENSE PLATE RECOGNITION

PURPOSE

The purpose of this policy is to establish guidelines and procedures for the proper use and application of the Automatic License Plate Recognition (ALPR) System within the Department of the State Police (Department). Additionally, it is the purpose of this policy to provide Department personnel with guidelines and principles for the collection, access, use, dissemination, and retention of ALPR information to ensure that the information is used for legitimate law enforcement purposes only and the privacy, civil rights, and civil liberties of individuals are not violated.

This policy assists Department and its personnel in:

- Increasing public safety and improving state, local, tribal, territorial, and national security;
- Minimizing the threat and risk of injury to specific individuals;
- Minimizing the threat and risk of physical injury or financial liability to law enforcement and others responsible for public protection, safety, or health;
- Promoting governmental legitimacy and accountability;
- Minimizing the potential risks to individual privacy, civil rights, civil liberties, and other legally protected interests;
- Protecting the integrity of the criminal investigatory, criminal intelligence, and justice system processes and information;
- Minimizing the threat and risk of damage to real or personal property;

- Increasing trust by maximizing transparency;

- Making the most effective use of public resources allocated to public safety entities.

POLICY APPLICABILITY

1. This policy applies to ALPR information collected or received, accessed, used, disseminated, retained, and purged by the Department. It is not intended to apply and does not apply to any other types of information accessed, retained, or used by the Department.

2. All Department personnel, participating agency personnel and authorized individuals working in direct support of Department personnel (such as interns), personnel providing information technology services to the Department, private contractors, and other authorized users will comply with the Department's ALPR policy. This policy applies to information the Department collects or receives, accesses, uses, disseminates, retains, and purges.

GOVERNANCE AND OVERSIGHT

1. An ALPR administrator, as designated by the Massachusetts State Police (MSP) Division Commander of Field Services (DFS) shall:

   - Be qualified to oversee the ALPR System;

   - Have oversight and delegation duties for the ALPR System deployment, operations, and maintenance.

2. The ALPR Administrator shall be responsible for the following:

   - Ensure ALPR equipment be cleaned and maintained according to the manufacturer's recommendations;

   - Verify, prior to use/installation, the aim of the ALPR camera(s) to ensure it is focused on the correct lanes of traffic;

   - Ensuring the proper selection of the personnel approved to operate the ALPR System and maintaining an adequate number of trained and authorized users;

   - Authorizing any requests for ALPR System use or data access according to Department policy;

- Ensuring that designated, trained personnel check equipment on a regular basis to ensure functionality, camera alignment, and removing from service any equipment that falls outside expected functionality until deficiencies are corrected;

- Designate users who have been properly trained in the use and operational protocols of the ALPR System;

- Allow access to the ALPR System for those users with an approved login and password; and

- Ensure that any changes in hardware, software, policy, or law are the subject of continuing in-service training or bulletins.

3. The use of ALPR technology shall be approved by the Colonel/Superintendent or designee. ALPR System and information shall be:

   - Accessed and used only for official and legitimate law enforcement purposes;

   - Used for searches of historical ALPR data, in accordance with this policy and other Department policies or regulations where applicable; and

   - Used for searches of ALPR data by members of this Department or by other law enforcement agencies through the ALPR Administrator.

4. The Department will prohibit access, use, or dissemination of ALPR information for:

   - Any purpose that violates the Constitution or laws of the United States or the Commonwealth of Massachusetts, including the protections of the Fourth Amendment;

   - Non-law enforcement or personal purposes;

   - Discriminatory purposes;

   - The purpose of prohibiting, infringing upon, or deterring individual activities protected by the First Amendment, such as freely practicing one's religion, freedom of speech and peaceful assembly, freedom of the press, and the right to petition the government for the redress of grievances;

   - The purpose of prohibiting or deterring lawful individual exercise of other rights, such as freedom of association, implied by and secured by the U.S. Constitution or any other constitutionally protected right or attribute;

   - Harassing and/or intimidating any individual or group;

- Targeting of any individual or group by means of camera placement or data use in a discriminatory manner;

- Any other access, use, disclosure, or retention that would violate applicable law, regulation, or policy.

DEFINITIONS AND ACRONYMS

Automatic License Plate Recognition (ALPR): Automatic license plate recognition technology uses high-speed cameras combined with sophisticated computer algorithms capable of converting the images of license plates to electronically readable data. The ALPR System captures an image of a license plate and converts it to a text file using Optical Character Recognition (OCR) technology. The technology also compares the digital images of license plates to the CJIS-NCIC Hot file database. The ALPR System is configured as either fixed, mobile, or portable.

Alert: A visual and/or auditory notice that is triggered when the ALPR System receives a potential hit on a license plate.

Alert Data: Information captured by an ALPR relating to a license plate that matches the license plate on a hot list.

ALPR Data: Scan files, alert data, and any other documents or data generated by, or obtained thorough, utilization of the ALPR System. ALPR Data Query Logs: A record of a search or query of ALPR data.

Hit: An alert that a license plate matches a record maintained in the ALPR database related to stolen vehicles, wanted vehicles, or other alert type files that support investigation or which have been manually registered by a user for further investigation.

Hot List: License plate numbers of vehicles of interest, such as stolen vehicles, unregistered vehicles, vehicles owned by persons of interest, and vehicles associated with AMBER Alerts, Missing Child Alerts, Missing College Student Bulletins, Silver Alerts, Be On Look Out (BOLO), Attempt To Locate (ATL), and Wanted or Missing Person broadcasts or bulletins in which a license plate number is included, or other license plate numbers of interest entered by the Department or an authorized officer.

Hot List Download: The method by which the hot list data is transferred to a computer within a law enforcement vehicle.

Optical Character Recognition (OCR): The technology that supports the automated reading and digitizing of images of license plates that are captured by the ALPR System.

AUTHORIZED USES

1. The availability and use of the ALPR System provides opportunities for the enhancement of law enforcement agencies' productivity, effectiveness, and protection of public and officer safety.

2. The Department shall provide ALPR access only to authorized individuals who are acting in furtherance of official and legitimate law enforcement operations and public safety. All Department users shall abide by the guidelines set forth herein when using the ALPR System.

3. The provisions of this policy are provided to support authorized uses of ALPR information. Authorized uses may include, but are not limited to, the following:

    - Enhance Department's AMBER/SILVER or other law enforcement alerts and real-time response capability by deploying and networking ALPRs across the state to more rapidly identify and locate vehicles related to potential child-abduction or other serious crimes;

    - Alert law enforcement that a particular license plate on a "hot list" (e.g., a stolen vehicle or a vehicle associated with a wanted individual) is in close proximity to an ALPR to dramatically reduce the recovery time of stolen vehicles and assist in locating dangerous and wanted individuals;

    - Identify plates associated with potential witnesses and/or victims of violent crime;

    - Support the Department's homeland security mission by protecting critical infrastructure from individuals who intend to damage or disrupt the systems and locations that allow for travel and the free flow of commerce;

    - Identify vehicles linked to stolen license plates or other motor vehicle traffic violations;

    - Provide situational awareness for law enforcement related to public safety or otherwise relevant to their authorized duties;

    - Support local, state, federal, and tribal public safety departments in the identification of subjects associated with/as targets of criminal investigations;

    - Support law enforcement response to critical incident responses and special events;

    - Support special operations, such as high-crime-area patrols, gang investigation/suppression, operating under the influence initiatives, enforcement details, directed criminal investigations, and other investigations; and

    - Support emergency situations including, but not limited to terrorist threats, kidnappings, missing persons, and felons actively traveling to or from a crime scene.

4. The Department will not directly or indirectly seek, receive, accept, or retain ALPR information from:

    - An individual who or nongovernmental agency that may receive a fee or benefit for providing the ALPR information, except as expressly authorized by law or Department policy, and/or

    - An individual who or information provider that is legally prohibited from obtaining or disclosing the ALPR information.

5. The Department will prohibit access, use, or dissemination of ALPR information for:

    - Any purpose that violates the Constitution or laws of the United States, including the protections of the Fourth Amendment;

    - Non-law enforcement or personal purposes;

    - Discriminatory purposes;

    - The purpose of prohibiting, infringing upon, or deterring individual activities protected by the First Amendment, such as freely practicing one's religion, freedom of speech and peaceful assembly, freedom of the press, and the right to petition the government for the redress of grievances;

    - The purpose of prohibiting or deterring lawful individual exercise of other rights, such as freedom of association, implied by and secured by the U.S. Constitution or any other constitutionally protected right or attribute;

    - Harassing and/or intimidating any individual or group;

    - Targeting of any individual or group by means of camera placement or data use in a discriminatory manner; or

    - Any other access, use, disclosure, or retention that would violate applicable law, regulation, or policy.

ALPR OPERATIONS AND PROCEDURES

1. Members using the ALPR System shall:

    - Ensure, at the start of each shift, the ALPR System has been updated and is functioning properly; and

    - Notify the ALPR Administrator or appropriate designee of any malfunctions.

- The Department will investigate, in a timely manner, alleged errors and deficiencies of ALPR information or, if applicable, will request that the originating agency or vendor investigate the alleged errors and deficiencies.

2. ALPR Alerts/Hits - The member shall, prior to initiation of a stop, based on an ALPR Hit or Alert:

   - Visually verify that the vehicle plate number matches the plate number run by the ALPR System, including both:

     a) Alphanumeric characters of the license plate; and
     b) The state of issue.

   - Verify the current status of the plate through:

     a) The Commonwealth's Criminal Justice Information System (CJIS), or
     b) National Crime Information Center (NCIC), or
     c) Department's Records Management System (RMS), or
     d) Other appropriate source of data, when circumstances allow, or as soon as practicable.

3. Manual Entry of Data/Manual Hot List - Manual entries may include, but should not be limited to:

   - Criminal Investigations;

   - AMBER Alerts;

   - Missing Child Alerts;

   - Missing College Student Bulletins;

   - Silver Alerts;

   - Be On Look Out (BOLO);

   - Attempt To Locate (ATL); or

   - Wanted or Missing Person broadcast or bulletin in which a license plate number is included.

4. Manual entries entered into the ALPR System shall be:

   - Manually updated when the information changes or is no longer current;

   - ~~Documented with specific reason by the member~~;

- Documented with agency case number; and
- Given a retention date of 1 year or less.

ALPR DATA: Logs, Collection, Sharing, Dissemination and Retention

1. The Department will directly collect and retain ALPR information that:
   - Is based on a potential threat to public safety or the enforcement of the criminal law;
   - Is based on reasonable suspicion that an identifiable individual or organization has committed a criminal offense or is involved in or planning criminal (including terrorist) conduct or activity that presents a threat to any individual, the community, or the nation and that the information is relevant to the criminal conduct or activity;
   - Is relevant to the investigation and prosecution of suspected criminal (including terrorist) incidents; the resulting justice system response; the enforcement of sanctions, orders, or sentences; or
   - Is directly related to an investigation or mission of the law enforcement entity; and
     a) The source of the information is reliable and verifiable or limitations on the quality of the information are identified, and
     b) The information was collected in a fair and lawful manner (e.g., it does not infringe on the federal or state constitutional rights of any individual, group, or organization).
2. The Department will query ALPR information that:
   - Is based on a possible threat to public safety or the enforcement of the criminal law;
   - Is based on reasonable suspicion that an identifiable individual or organization has committed a criminal offense or is involved in or planning criminal (including terrorist) conduct or activity that presents a threat to any individual, the community, or the nation and that the information is relevant to the criminal (including terrorist) conduct or activity;
   - Is relevant to the investigation and prosecution of suspected criminal (including terrorist) incidents; the resulting justice system response; the enforcement of sanctions, orders, or sentences; or the prevention of crime; or
   - Is directly related to an investigation or mission of the law enforcement entity, and

a) The source of the information is reliable and verifiable or limitations on the quality of the information are identified, and
b) The information was collected in a fair and lawful manner.

3. Department ALPR cameras may be mobile (mounted on vehicles) or stationary (mounted to a structure). A standard ALPR record contains, at a minimum, an optical character recognition (OCR) interpretation of the captured image, a photo of the license plate and a contextual photo of an area surrounding the plate that could range from a few inches to a larger area around the entire vehicle, the geographic coordinates of where the image was captured, the date and time of the recording, and the specific camera/unit that captured the image.

4. Department-accessed ALPR information contains images of license plates that are available to public view (e.g., vehicles that are on a public road or street or that are on private property but whose license plates[s] are visible from a public road, street, or place to which members of the public have access, such as the parking lot of a shop or other business establishment) and that identify specific vehicles. Retained ALPR information does not include specific identification of individuals. Separate video surveillance images of the same location or images from private cameras will not be associated with ALPR data unless a specific image is required to investigate or document a violation in accordance with the authorized purposes described in this policy.

5. License plate numbers and date/time location collected through an ALPR may not be, when taken alone, sufficient to identify the individual associated with the vehicle. The Department may be able to link the ALPR information to an individual through additional use and combination with other information, such as a check of vehicle registration. Thus, even though the ALPR information the Department accesses may be the result of an ALPR system's automated collection of license plate numbers, it is the investigation process that identifies individuals.

6. The Department protects all ALPR information as personally identifiable information (PII) because ALPR information may be combined with other information to specify a unique individual (i.e., the identity of an individual could be directly or indirectly inferred by using information that is linked or linkable to that individual). The Department collects, receives, accesses, uses, disseminates, retains, and purges ALPR information because it can be linked to an individual to further an authorized mission.

7. The following process shall apply to ALPR Data:

- A Query Log is internally maintained by each instrument for each transaction;

- Data case be accessed, retrieved, or shared for official and legitimate law enforcement business only;

- Retention of data shall be determined by the Department of Criminal Justice Information Services (DCJIS) Policy;

- The Department will not seek, submit, or retain ALPR information about individuals or organizations based solely on their religious, political, or social views or activities; their participation in a particular noncriminal organization or lawful event; or their race, ethnicity, citizenship, place of origin, age, disability, gender, gender identity, sexual orientation, or other classification protected by law; and

- ALPR information collection and investigative techniques used by the Department shall be the least intrusive as necessary under the particular circumstances to collect ALPR information the Department is authorized to seek or retain.

8. State Central Repository - The Department has agreed to:

    - Electronically submit captured ALPR data to the state repository maintained by the DCJIS at the Commonwealth's Public Safety Data Center.

9. The Department and its users agree to the terms of this policy and to the *Commonwealth of Massachusetts Global Justice Public Safety Information Sharing Policy* of DCJIS.

INFORMATION QUALITY ASSURANCE

1. Original ALPR information will not be altered, changed, or modified in order to protect the integrity of the data. Any changes will be maintained as a separate and additional record, and such record will be identified as having been modified.

2. Whenever a license plate reader alerts on license plate information, prior to taking any law enforcement action, officers will be required, to the fullest extent possible, to visually verify that the actual vehicle license plate information matches the license plate information used and alerted upon by the system, including both alphanumeric characters of the license plate and the state of issuance; verify the current status of the plate; and confirm whether the alert pertains to the registrant of the car or the car itself. Receipt of an ALPR alert for a stolen or felony vehicle may not rise to the level of reasonable suspicion and is not sufficient probable cause to arrest without confirmation that the alert is still valid and active. If the alert is for another type of transaction, the officer will read the description of the alert and follow the appropriate action or reporting method. If an ALPR alert cannot be verified both visually and for validity, then law enforcement should not act on the alert and it should be rejected.

    - If the officer witnesses a violation of law or other action that establishes reasonable suspicion for a stop, the officer may conduct a stop based on that reasonable suspicion.

    - This provision shall not prevent a law enforcement officer from taking immediate action when a verifiable emergency situation exists for officer safety.

- On each resulting alert, the officer is required to enter a disposition indicating the action taken or not taken on the alert.

3. The Department will perform routine maintenance, upgrades, calibration, and refreshes of all ALPR equipment and components to ensure proper functionality.

4. The Department will correct, notate, delete, or refrain from using ALPR information the Department originated and found to be erroneous or deficient. Originating agencies external to the Department are responsible for reviewing the quality and accuracy of the ALPR information provided to the Department and must take reasonable steps to correct or amend the information upon learning that it is inaccurate or deficient. The Department will review the quality of ALPR information it has received from an originating agency or vendor and will advise the appropriate point of contact, in writing or electronically, when its ALPR information is alleged, suspected, or found to be erroneous or deficient.

5. The Department will use written or electronic notification to inform recipient agencies when ALPR information previously provided is erroneous or deficient. In addition, the Department will take reasonable steps to correct or amend the information provided to the external agency in order to ensure accuracy and sufficiency to the extent possible.

SECURITY AND MAINTENANCE

1. The Department will operate in a secure facility protected from external intrusion and will utilize secure internal and external safeguards against network intrusions. Any access to Department ALPR information from outside the facility will be allowed only over secure networks.

2. All ALPR equipment, software, and components will be properly maintained in accordance with the manufacturer's recommendations and/or any published industry standards.

3. The Department will store ALPR information in a manner that ensures that it cannot be added to, modified, accessed, or purged except by personnel authorized to take such actions.

4. Access to Department ALPR information will be granted only to personnel whose positions and job duties require such access and who have successfully completed a background check and training.

5. Usernames and passwords to ALPR information are not transferrable, must not be shared by Department personnel, and must be kept confidential.

6. The system administrator will ensure that all manufacturer-generated default passwords are replaced with secure passwords before web-based interfaces of the system become operational.

7. Queries made to the Department's ALPR information will be logged into the system identifying the user initiating the query. All user access, including participating agency access, and queries are subject to review and audit.

8. The Department will maintain an audit trail of accessed, requested, or disseminated Department-held ALPR information. An audit trail will be kept for a minimum of [____ Months/Years] of requests for access to ALPR information for specific purposes and of what ALPR information is disseminated to each individual in response to the request. Audit logs will include:

    - The name and agency of the law enforcement user.
    - The date and time of access.
    - The specific information accessed.
    - The modification or deletion, if any, of the ALPR information.
    - The authorized law enforcement or public safety justification for access, including a relevant case number if available.

POLICY REVIEW

1. The CFC Commander/CFC Executive Officer/Privacy Officer/ALPR Administrator shall be responsible for:

    - The annual review of this policy and the procedures contained herein; and
    - Making recommendations through channels to the CFC Commander/CFC Executive Officer/Privacy Officer/ALPR Administrator, for any necessary amendments.

2. As use of the technology progresses, the Department shall continue to monitor and assess the appropriateness of this policy, as new technology may raise both legal and technological issues.

REFERENCES

Executive Office of Public Safety and Security (EOPSS) - *The Commonwealth of Massachusetts Global Justice Public Safety Information Sharing Policy.*

Official:

PURPOSE

The purpose of this policy is to establish guidelines and procedures for the proper use and application of the Automatic License Plate Recognition (ALPR) System. Additionally, it is the purpose of this policy to provide **[CFC]** personnel with guidelines and principles for the collection, access, use, dissemination, and retention of ALPR information to ensure that the information is used for legitimate law enforcement purposes only and the privacy, civil rights, and civil liberties of individuals are not violated.

This policy assists **[CFC]** and its personnel in:

- Increasing public safety and improving state, local, tribal, territorial, and national security;
- Minimizing the threat and risk of injury to specific individuals;
- Minimizing the threat and risk of physical injury or financial liability to law enforcement and others responsible for public protection, safety, or health;
- Promoting governmental legitimacy and accountability;
- Minimizing the potential risks to individual privacy, civil rights, civil liberties, and other legally protected interests;
- Protecting the integrity of the criminal investigatory, criminal intelligence, and justice system processes and information;
- Minimizing the threat and risk of damage to real or personal property;
- Increasing trust by maximizing transparency;
- Making the most effective use of public resources allocated to public safety entities.

AUTHORIZED USES

The availability and use of the ALPR System provides opportunities for the enhancement of law enforcement agencies' productivity, effectiveness, and protection of public and officer safety. The **[CFC]** shall only utilize the technology in furtherance of official and legitimate law enforcement operations and public safety. All **[CFC]** Employees shall abide by the guidelines set forth herein when using the ALPR System.

The provisions of this policy are provided to support authorized uses of ALPR information. Authorized uses may include, but are not limited to, the following:

- Enhance **[CFC]**'s AMBER/SILVER or other law enforcement alerts and real-time response capability by deploying and networking ALPRs across the state to more rapidly identify and locate vehicles related to potential child-abduction or other serious crimes;
- Alert law enforcement that a particular license plate on a "hot list" (e.g., a stolen vehicle or a vehicle associated with a wanted individual) is in close proximity to an ALPR to dramatically reduce the recovery time of stolen vehicles and assist in locating dangerous and wanted individuals;
- Identify plates associated with potential witnesses and/or victims of violent crime.

- Support **[CFC]**'s homeland security mission by protecting critical infrastructure from individuals who intend to damage or disrupt the systems and locations that allow for travel and the free flow of commerce;
- Identify vehicles linked to stolen license plates or other motor vehicle traffic violations;
- Provide situational awareness for law enforcement related to public safety or otherwise relevant to their authorized duties;
- Support local, state, federal, and tribal public safety departments in the identification of subjects associated with/as targets of criminal investigations;
- Support law enforcement response to critical incident responses and special events; and
- Support special operations, such as high-crime-area patrols, gang investigation/suppression, driving under the influence initiatives, enforcement details, directed criminal investigations, and other investigations.

DEFINITIONS AND ACRONYMS

Automatic License Plate Recognition (ALPR): Automatic license plate recognition technology uses high-speed cameras combined with sophisticated computer algorithms capable of converting the images of license plates to electronically readable data. The ALPR System captures an image of a license plate and converts it to a text file using Optical Character Recognition (OCR) technology. The technology also compares the digital images of license plates to the CJIS-NCIC Hot file database. The ALPR System is configured as either fixed, mobile or portable.

Alert: A visual and/or auditory notice that is triggered when the ALPR System receives a potential hit on a license plate.

Alert Data: Information captured by an ALPR relating to a license plate that matches the license plate on a hot list.

ALPR Data: Scan files, alert data, and any other documents or data generated by, or obtained thorough, utilization of the ALPR System. ALPR Data Query Logs: A record of a search or query of ALPR data.

Hit: An alert that a license plate matches a record maintained in the ALPR database related to stolen vehicles, wanted vehicles, or other alert type files that support investigation or which have been manually registered by a user for further investigation.

Hot List: License plate numbers of vehicles of interest, such as stolen vehicles, unregistered vehicles, vehicles owned by persons of interest, and vehicles associated with AMBER Alerts, Missing Child Alerts, Missing College Student Bulletins, Silver Alerts, Be On Look Out (BOLO), Attempt To Locate (ATL), and Wanted or Missing Person broadcasts or bulletins in which a license plate number is included, or other license plate numbers of interest entered by the Department or an authorized officer.

Hot List Download: The method by which the hot list data is transferred to a computer within a law enforcement vehicle.

Optical Character Recognition (OCR): The technology that supports the automated reading and digitizing of images of license plates that are captured by the ALPR System.

GOVERNANCE AND OVERSIGHT

1. The MSP Division Commander of Field Services (DFS) shall:

    - Designate a Commissioned Officer as the ALPR Administrator; and
    - Ensure the ALPR Administrator has oversight for the ALPR System deployment, operations, and maintenance.

2. The ALPR Administrator shall be responsible for the following:

    - Ensuring the proper selection of the personnel approved to operate the ALPR System and maintaining an adequate number of trained and authorized users;
    - Authorizing any requests for ALPR System use or data access according to Department/CFC policy;
    - Ensuring that designated, trained personnel check equipment on a regular basis to ensure functionality, camera alignment, and removing from service any equipment that falls outside expected functionality until deficiencies are corrected;
    - Designate users who have been properly trained in the use and operational protocols of the ALPR System;
    - Allow access to the ALPR System for those users with an approved login and password; and
    - Ensure that any changes in hardware, software, policy, or law are the subject of continuing in-service training or bulletins.

3. The use of ALPR technology shall be approved by the Colonel/Superintendent or designee. ALPR System and information shall be:

    - Accessed and used only for official and legitimate law enforcement purposes;
    - Used for searches of historical ALPR data, in accordance with this policy and other Department policies or regulations where applicable; and
    - Used for searches of ALPR data by members of this Department or by other law enforcement agencies through the ALPR Administrator.

4. The **[CFC]** will prohibit access, use, or dissemination of LPR information for:

    - Any purpose that violates the Constitution or laws of the United States or the Commonwealth of Massachusetts, including the protections of the Fourth Amendment;
    - Non-law enforcement or personal purposes;

- Discriminatory purposes;
- The purpose of prohibiting, infringing upon, or deterring individual activities protected by the First Amendment, such as freely practicing one's religion, freedom of speech and peaceful assembly, freedom of the press, and the right to petition the government for the redress of grievances;
- The purpose of prohibiting or deterring lawful individual exercise of other rights, such as freedom of association, implied by and secured by the U.S. Constitution or any other constitutionally protected right or attribute;
- Harassing and/or intimidating any individual or group;
- Targeting of any individual or group by means of camera placement or data use in a discriminatory manner;
- Any other access, use, disclosure, or retention that would violate applicable law, regulation, or policy.

ALPR OPERATIONS AND PROCEDURES

1. Members using the ALPR System shall:

   - Ensure, at the start of each shift, the ALPR System has been updated with the most current hot lists available;
   - Verify, prior to use/installation, the aim of the ALPR camera(s) to ensure it is focused on the correct lanes of traffic;
   - Ensure ALPR equipment be cleaned and maintained according to the manufacturer's recommendations; and
   - Notify the ALPR Administrator of any malfunctions.

2. ALPR Alerts/Hits - The member shall, prior to initiation of a stop, based on an ALPR Hit or Alert:

   - Visually verify that the vehicle plate number matches the plate number run by the ALPR System, including both:

     a) Alphanumeric characters of the license plate; and
     b) The state of issue.

   - Verify the current status of the plate through:

     a) The Commonwealth's Criminal Justice Information System (CJIS), or
     b) National Crime Information Center (NCIC), or
     c) Department's Records Management System (RMS), or
     d) Other appropriate source of data, when circumstances allow, or as soon as practicable.

3. Manual Entry of Data/Manual Hot List - Manual entries may include, but should not be limited to:

    - AMBER Alerts;
    - Missing Child Alerts;
    - Missing College Student Bulletins;
    - Silver Alerts;
    - Be On Look Out (BOLO);
    - Attempt To Locate (ATL); or
    - Wanted or Missing Person broadcast or bulletin in which a license plate number is included.

4. Manual entries entered into the ALPR System shall be:

    - Manually updated when the information changes or is no longer current;
    - Documented with specific reason by the member;
    - Documented with agency case number; and
    - Given a retention date of 1 year or less.

ALPR DATA: Logs, Collection, Sharing, Dissemination and Retention

1. The following process shall apply to ALPR Data:

    - A Query Log is internally maintained by each instrument for each transaction;
    - Data case be accessed, retrieved, or shared for official and legitimate law enforcement business only;
    - Retention of data shall be determined by the Department of Criminal Justice Information Services (DCJIS) Policy; and
    - The **[CFC]** will not seek, submit, or retain ALPR information about individuals or organizations based solely on their religious, political, or social views or activities; their participation in a particular noncriminal organization or lawful event; or their race, ethnicity, citizenship, place of origin, age, disability, gender, gender identity, sexual orientation, or other classification protected by law.
    - LPR information collection and investigative techniques used by the **[CFC]** shall be the least intrusive as necessary under the particular circumstances to collect ALPR information the **[CFC]** is authorized to seek or retain.

2. The **[CFC]** will not directly or indirectly seek, receive, accept, or retain ALPR information from:

    - An individual who or nongovernmental agency that may receive a fee or benefit for providing the ALPR information, except as expressly authorized by law or **[Department/CFC]** policy, and/or

- An individual who or information provider that is legally prohibited from obtaining or disclosing the ALPR information.

3. State Central Repository - The Department has agreed to:

   - Electronically submit captured ALPR data to the state repository maintained by the DCJIS at the Commonwealth's Public Safety Data Center.

4. The Department and its users agree to the terms of this policy and to the *Commonwealth of Massachusetts Global Justice Public Safety Information Sharing Policy* of DCJIS.

POLICY REVIEW

1. The ALPR Administrator shall be responsible for:

   - The annual review of this policy and the procedures contained herein; and
   - Making recommendations through channels to the Colonel/Superintendent or designee, for any necessary amendments.

2. As use of the technology progresses, the Department shall continue to monitor and assess the appropriateness of this policy, as new technology may raise both legal and technological issues.

REFERENCES

Executive Office of Public Safety and Security (EOPSS)- *The Commonwealth of Massachusetts Global Justice Public Safety Information Sharing Policy.*

Massachusetts State Police
Outside Training Review

Name/ID	Sean Bender - MSPC1859 - HRCMS: 458053
Assignment	Intelligence Analyst - Massachusetts State Police - Commonwealth Fusion Center

Name of Training	2019 Northwestern Youth Fire Intervention, Response, Education, & Safety Partnership Conference
Location of Training	Hadley, MA
Dates of Training	5 November 2019 - 6 November 2019
Instructor	Multiple Instructors
Agency Sponsoring Training	NoFIRES
Total Cost	Mileage Reimbursement: ~$143.64

1. Please describe topics covered in training.

- Unmanned Aerial Systems - Sgt. Michael George - Massachusetts State Police - Incident Management Assistance Team
- Drone Use in the Fire Service - Lt. Timothy Howe - Massport Fire Rescue
- Bomb Squad Capabilities & Equipment Demonstrations - Tpr. Stephen Sicard - Massachusetts State Police - Fire & Explosion Investigation Section
- Operation Golden Ticket - AUSA Philip Mallard - United States Attorney's Office - District of Massachusetts
- Operation Golden Ticket - Sgt. Robert LaBarge - Massachusetts State Police - Essex County District Attorney's Office
- Digital Evidence: Identification & Best Practices - Sgt. Brian Gavioli - Massachusetts State Police - Massachusetts Cybersecurity Program
- Open Source Intelligence Techniques - Sgt. Brian Gavioli - Massachusetts State Police - Massachusetts Cybersecurity Program
- Capabilities & Limitations of Technology in Arson Investigations - Sgt. Michael Mazza - Massachusetts State Police Fire & Explosion Investigation Section

2. How will training assist you in doing your job?

The training sessions and presentation topic areas scheduled for the 2019 Northwestern Youth Fire Intervention Response, Education, and Safety Partnership (NoFIRES) Conference would promote the acquisition of new analytic skills, techniques, and resources, with specific emphasis on the use of law enforcement technologies as investigative tools.

3. Would you recommend this training to other members of the Department? Please list what you feel are the positives and negatives of this training.

Positives:

- In depth training regarding current best practices for identifying & collecting digital evidence, as well as exploitation of open source intelligence and related tools.

- Education on UAS regulations and utility as both an investigative tool (crash/accident reconstruction, fire investigation, etc) & emerging threat (payload capability, UAS as weapons, exclusion zones).

- Case studies demonstrate the magnitude and success of enhanced investigatory capability resulting from inter-agency partnerships, task-forces, and information/intelligence sharing collaborations when utilized as a force multiplier towards a common public safety goal and/or to investigate crimes that transcend local and state lines.

Negatives:

- Due to the emphasis on arson investigations and/or fire related crimes, the NoFIRES conference may have more limited value to department members for whom arson investigation is not a frequent or reoccurring investigatory responsibility.***

***Caveat - The majority of the presentations & topics were broad enough that related tools/techniques could likely be applied in more general or non-arson related investigations.

4. Other comments.

N/A

Within ten calendar days of the last day of training, please complete and forward this form to the Office of the Deputy Superintendent.





PIPS TECHNOLOGY™
DETECTION INNOVATION

Back Office System Software

User's Manual
Version 3.5 or above

NEOLOGY™
MOBILITY TECHNOLOGIES

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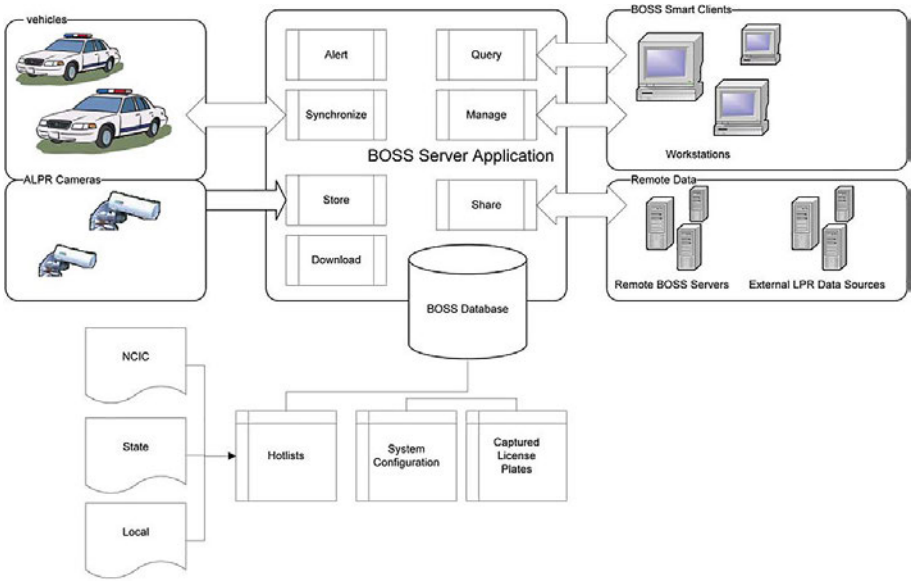
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1 INTRODUCTION

This document serves as a user's manual for the PIPS Back Office System Software (BOSS) version 3.5 or above and describes the various features and functionality of the application. BOSS is a management and administration tool for the PIPS Automatic License Plate Recognition (ALPR; also known as ANPR, or Automatic License Number Recognition) systems. The BOSS server application provides an interface for user maintenance, data queries, import and export of data, and dispatch functions. BOSS lets an Administrator specify the databases used by both mobile and fixed camera installations. BOSS retrieves these databases on a regular schedule; manages the users of the PIPS PAGIS systems and BOSS Smart Client workstations; provides a central repository for data collected by mobile PAGIS deployments and fixed camera installation; provides reporting and data management tools; provides hit detection and dispatch functions for fixed camera installations; and allows for data mining and data sharing with other agencies.

The following schematic shows how the BOSS server application works together with Smart Client workstations, various data sources, PAGIS, and the full line of ALPR cameras to create a comprehensive solution.



1.1 The Design of PIPS Back Office System Software Version 3.5 and Above

The design of BOSS version 3.5 or above offers ease of accessibility with a user-friendly look and feel. Large, easy-to-identify icons provide intuitive navigation, and the frequently used elements are readily available. The user interface (UI) is very recognizable and comfortable, particularly for users already familiar with Windows-based applications, including Microsoft® Office software, or the Mobile Pagis Software. In addition, users can enter a minimum amount of information to add a data object, with the ability to include more details if needed.

2 LOGGING IN

2.1. PIPS Back Office System Software Administrator Login

During each new installation of the PIPS Back Office System Software, a default user of “admin” is created, with the password of “admin1.” The installer or designated BOSS Administrator can log in with this account to create additional users and otherwise configure the system. It is important that the “admin” password be changed to protect the system’s security. Likewise, it is equally as important to keep this and all passwords confidential to protect the security of the BOSS system. Section 17, Installation and Configuration, offers more information on setting up users and passwords.

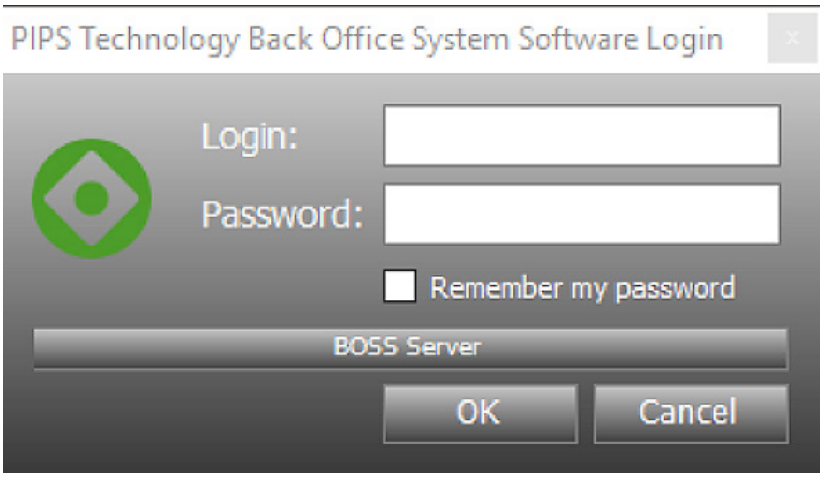
2.2 User Logins

The PIPS Back Office System Software will require a user to log in with a username and password only if there is no BOSS user matching the current Active Directory user login. In other words, if the username currently logged into Windows matches a username in the BOSS system, the user is automatically logged into the application when it is started, and no login screen will appear.

For example, if user “bsmith” is logged in using Windows Domain Authentication through Active Directory (“logged into Windows”), when the BOSS Smart Client is started, and a “bsmith” user exists within the BOSS system, no login screen will appear; the application will authenticate the user and load automatically. If a user logs onto Windows with a name that is not an exact match to a username in the BOSS system, or is not logged into the same Windows Domain, a login screen will appear. The user will then need to enter a correct BOSS user name and password in order to enter the application.

Note: In order for a user to be automatically logged into BOSS, the Active Directory user must be in the same Windows domain as the PIPS™ Back Office System Software server.

2.3 Login Dialog



1. Enter your username in the Login field.

2. Enter the correct password in the Password field.
Note: Passwords are case sensitive.

3. Click OK to complete the login process.

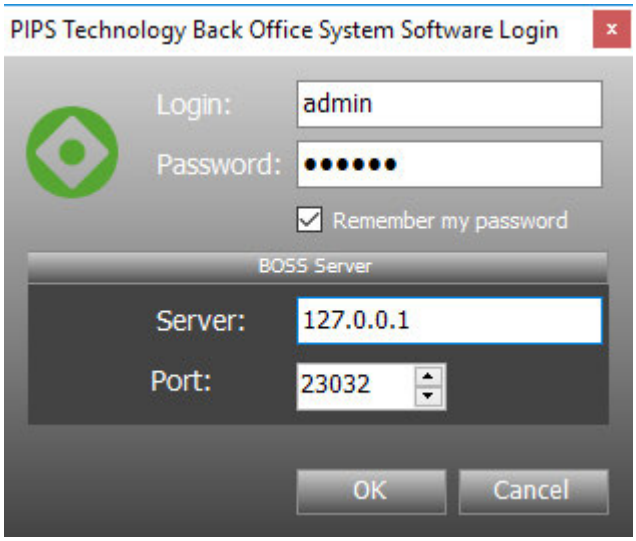
2.3.1 Storing Username and Password

Select the Remember my password option to save the password to the computer's local Windows registry and automatically fill in both Login and Password fields on subsequent logins.
Selecting this option only remembers the login information for the current Windows User on the local computer. It will not apply to a different Windows user logged in the same computer and will not apply to the same user logging in a different computer. This option need not be checked every time. Once checked, the option will stay that way until it is deselected during a login.

Note: The username and the password are stored in the Windows Registry. This can be a security risk. It is recommended that you not use the Remember my password option unless the Windows workstation can be secured against unauthorized access.

2.3.2 BOSS Client Connection Settings

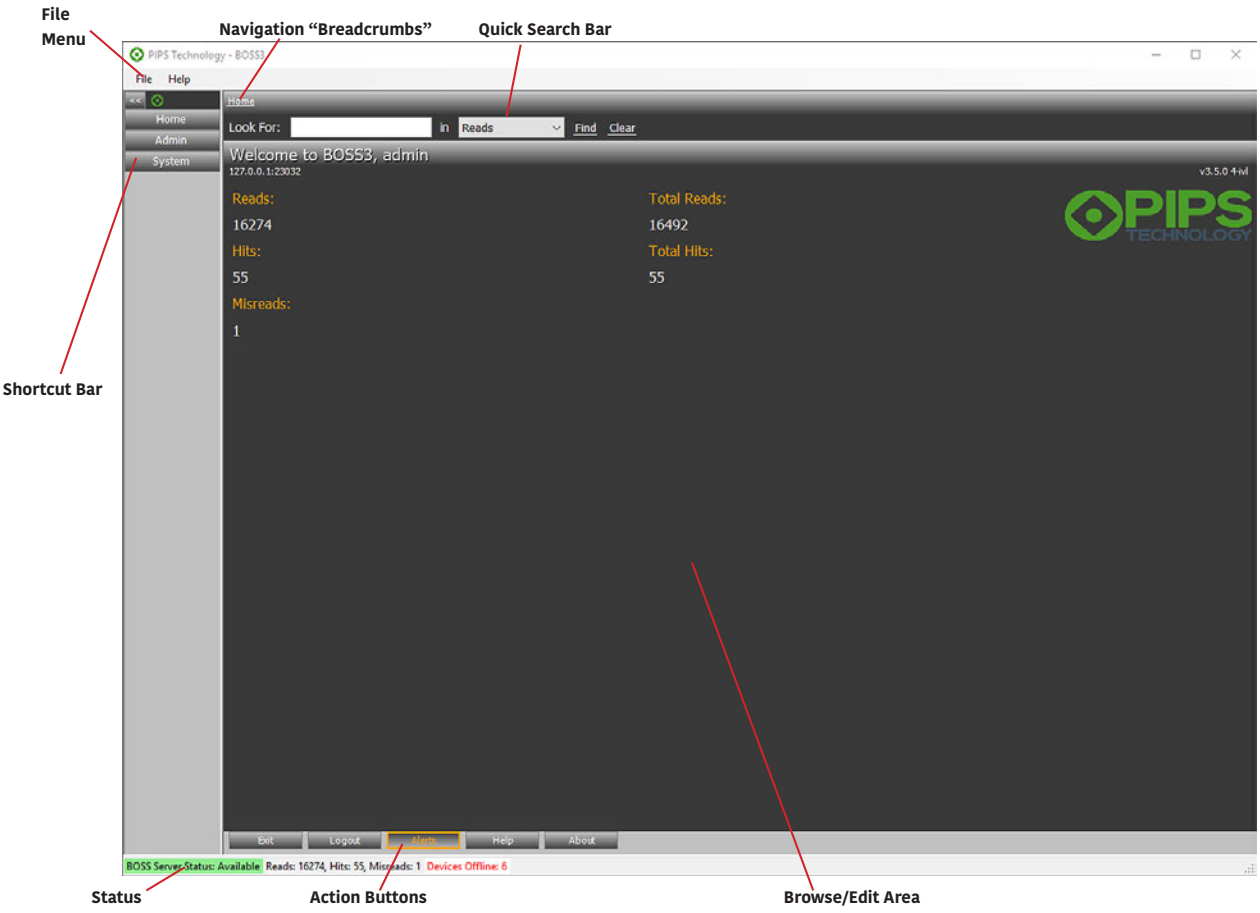
Click the BOSS Server button on the Login screen to view or change the client connection settings.



Server – IP address, computer name, or DNS address can be used in the Server field as long as the client can reach the server using the value entered.
Port – The default port used for connecting to the BOSS server is 23032. This should only be changed here if the BOSS server has been configured to use a non-default port.

3 APPLICATION LAYOUT

3.1 Components of the BOSS Application Screen



File Menu – The File menu of the application resides in the very top left of the application window. The File menu is always visible and available regardless of the screen or shortcut selected. The Exit option is available through this menu.

Navigation – The navigation "breadcrumbs" appear at the top of the BOSS screen as different actions are selected. By clicking on the links it is possible to backtrack to a previous screen.

Shortcut Bar –The Shortcut bar (the panel on the left of the screen) contains icon buttons for the various operations available. The shortcut icons are divided into three categories: Home, Admin, and System. Each time the application is started, all of the categories are closed with no shortcuts displayed. Click on any of the three headings to access the shortcuts within that category. The actual categories and shortcuts that appear depend on the logged-in user's privileges.

The Shortcut bar can be collapsed entirely to provide a larger space for the Browse/Edit area by clicking the << button at the top left of the screen. To expand the Shortcut bar again, click the >> button.

Browse/Edit Area – The widest portion of the application window, the Browse/Edit area is where data is displayed for viewing or editing. The actual data displayed here depends upon the shortcut icon that is selected from the Shortcut bar.

Quick Search Bar – Directly above the Browse/Edit Area, the Quick Search bar allows for simple, immediate queries of BOSS data. Using the Quick Search bar simply involves typing the text to query in the Look For field and selecting the type of data (reads, hits, etc.) to search in the drop-down box.

Action Buttons – These are the buttons directly below the Browse/Edit area. These buttons will differ depending on the shortcut icon selected. The actual buttons that appear will also vary depending upon the user's privileges.

Status Bar – This is the area along the very bottom of the application window that displays the following system information:

- **BOSS System State (Available or Offline):** "Available" status indicates that the client is currently communicating with the BOSS server application and the server is running. This status is highlighted with a green background. "Offline" status indicates that the client is currently not able to communicate with the BOSS server and is highlighted with a red background. In this event, the BOSS UI will continue to check for the BOSS server to become available again. After three attempts to reconnect, the user will be notified that the connection could not be re-established and will be provided further instructions on how to proceed.
- **Reads:** The total number of reads currently contained in the BOSS system.
- **Hits:** The total number of hits currently contained in the BOSS system.
- **Misreads:** The total number of misreads currently contained in the BOSS system.
- **Devices Offline:** The number of fixed camera devices that are currently identified as offline.

3.2 The BOSS Home Screen

The BOSS Home screen is displayed within the Browse/Edit area upon login. The top banner displays the username of the current BOSS user, the BOSS server address, and current system statistics. Statistics may take a few moments to update after login. The action buttons, described below, are displayed along the bottom of the screen. The actual buttons that display will vary depending upon the user's privileges.

Exit – Exit the BOSS application.

Logout – Log out from the current session to the Login screen.

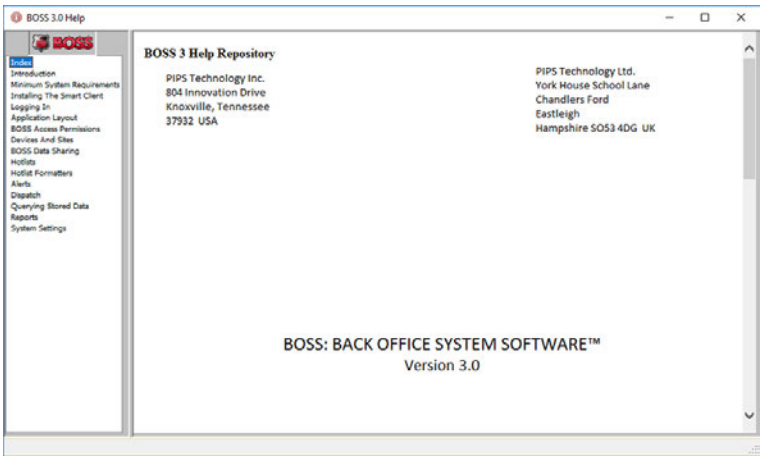
Alerts – Toggle dispatch alerts on (orange highlight) and off. This button will not be displayed if the user is not authorized to access the dispatch screen, or if the user has not chosen to receive dispatch alerts in Preferences (Section 5.3).

Help – Activate the help system.

About – Display application information.

3.3 Help Documentation

BOSS provides a help document accessible in the client application. To access help, select Help in the File menu area or press the F1 button. A help document will be displayed in a browser window and is indexed and searchable for ease of use.



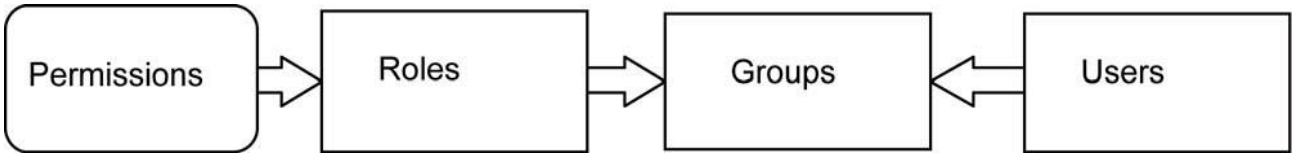
3.4 Minimizing the BOSS Application

The BOSS application can be minimized to the Windows System Tray using the Windows minimize button on the right upper corner of the BOSS application window. To restore the BOSS application, click on the BOSS PIPS icon. When the application is minimized, real-time alerts will still be displayed.



4 BOSS ACCESS PERMISSIONS: USERS/GROUPS/ROLES

Access permissions to various functions (such as reports or dispatches) in BOSS are administered through users, groups, and roles. Each individual who will use the BOSS software must log in via a user account. Each user account is assigned to a group. Every group is assigned a role (such as Administrator or Dispatcher), which determines the set of functionality to which the group's members will have access:



The security parameters defined in a role apply to a user via the group to which the user belongs.

4.1 Permission Levels

The following table lists the levels that apply to permissions:

LEVEL	EXPLANATION
No Access*	No permissions to the function
Read Only	View-only permissions to the function. Add/Change/Delete are not permitted.
Full Access	Complete permissions to the function. View/Add/Change/Delete are permitted.

**When a user's effective permissions to a function are No Access, the function is not visible to the user. For example, if a user has No Access privileges to the System function, the System category is not displayed.*

4.2 Permissions

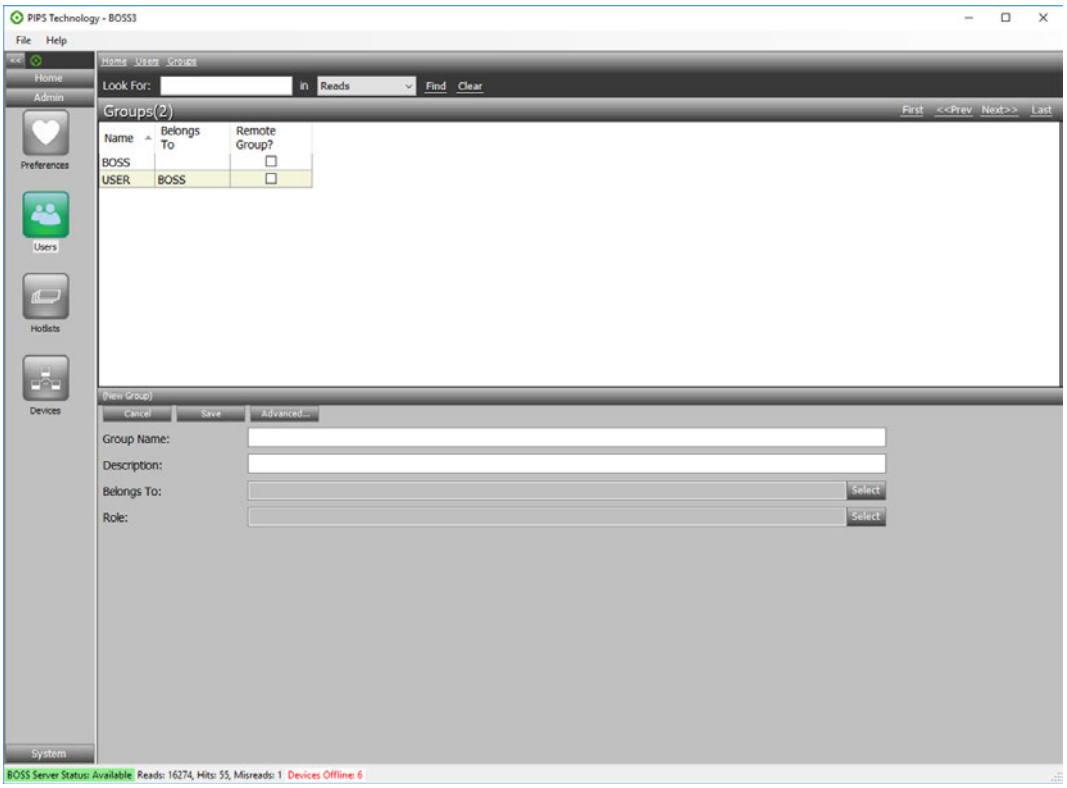
The following table lists the functions that are controlled by permissions levels:

PERMISSION	EXPLANATION
Reads	Plate read information
Dispatch	Real-time monitoring and hit alerts
Users	Groups and user accounts
Hotlists	Hotlists (plates of interest)
Devices	Sites and ALPR camera devices
System	System configuration options

See Section 15.4, Roles, for more information on setting permissions.

4.3 Roles

Roles are access permission profiles. BOSS comes with several predefined roles. A BOSS Administrator is able to add additional roles to the system. A BOSS Administrator is also able to alter and delete any roles. Roles define a permission level for different functions of the system. See Section 15.4, Roles, for additional information.



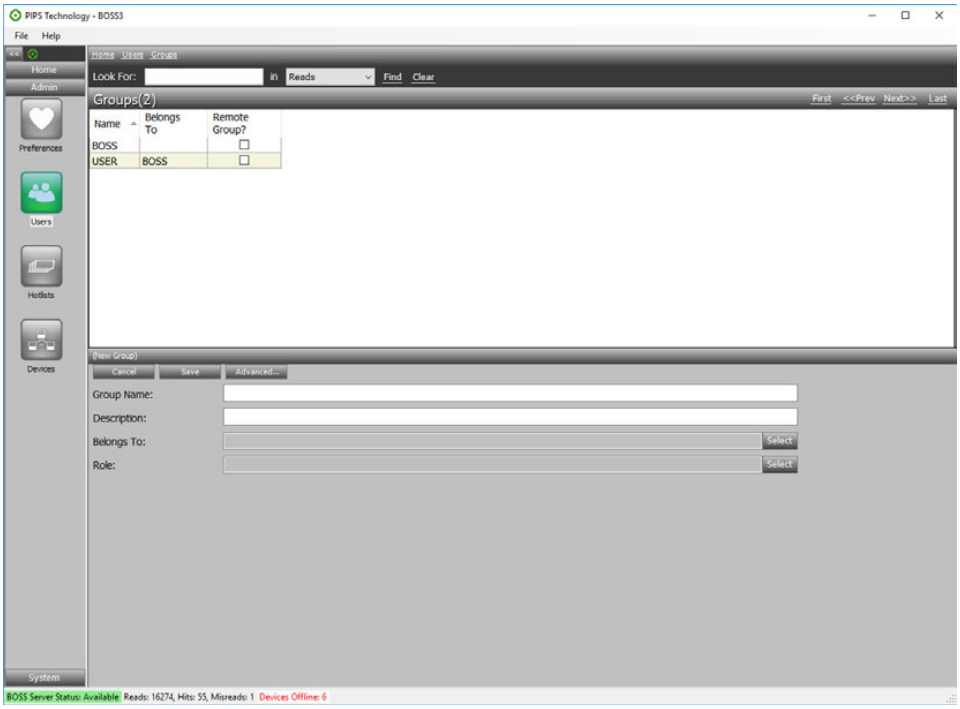
The following roles are installed by default in a BOSS system:

- System Administrators
- User
- Dispatcher
- Group Administrators
- Device Administrators
- Hotlist Administrators

See System Settings section for Role definitions and changes.

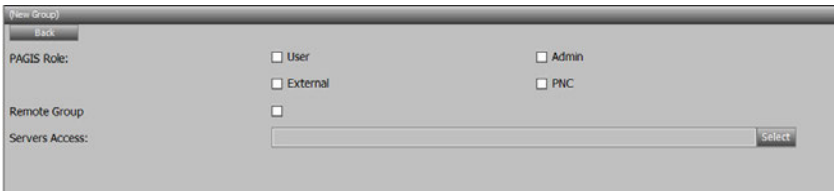
4.4 Groups

Groups are collections of users that have the same permissions. Groups provide an efficient way to organize users, for example by organizational units, and easily assign permissions to those users. Using groups is optional. A default group named “BOSS” automatically exists within a BOSS system, and user accounts will belong to the “BOSS” group by default. The BOSS group cannot be deleted.



4.4.1 Creating a New Group

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Users** shortcut. A list of all current users will display in the Browse/Edit area.
3. Click the **Groups** button at the bottom of the Browse/Edit area. A list of all current groups will display in the Browse/Edit area.
4. Click the **New** button. The New Group Entry screen will display.
5. In the Group Name text box enter a name for the group. (**Note:** The group name must have a minimum of three characters.)
6. In the Group **Description** text box enter a description of the group (optional).
7. Each group, except for the default BOSS group, is required to have a parent group. In the Belongs To field, click the **Select** button to view a list of all existing groups. Click on the desired group and click the **Save** button to select. The name of the selected group will display in the Belongs To field as the parent group.
8. Assign a role to the group. In the Role field, click the **Select** button to select from the existing roles. Click the desired role from the list and click the **Save** button to make the selection. The name of the selected role will appear in the field.
9. Click the **Advanced**... button to access additional, optional settings for the new group.



4.4.1 Creating a New Group (continued)

PAGIS Role (User/Admin/External/PNC) – Check desired PAGIS roles to grant the new group for the associated permissions in Pagis. Please refer to the Pagis User's Manual for more information.

Remote Group – Select this option to designate the group as remote. When a BOSS Administrator wants to give access to another BOSS system for remote queries ("data sharing," see Section 6), a login must be created and assigned to a group that is flagged as a remote group. The remote BOSS Administrator will then create a remote site with credentials for that login.
Servers Access – This option allows for defining which, if any, sites will be accessible by this group. Click the Select button to access a list of sites.

Note: There are two sites defined by default: Manual Entries and Unassigned. If no additional sites have been defined, only the default values are available in this field. Click each desired site and click the **Save** button to complete the selection process. If one site is selected the name of that system will appear in the Server Access field. More than one site can be selected.

Log Queries – This option, when selected, will result in the logging of all queries made by all users of the group. This information is then available via the audits report. **WARNING:** *This can potentially be a very large amount of data. Select this option with care.*

a. Configure these Advanced User settings as desired.

b. Click the **Back** button to return to the main New Group Entry screen

10. Click **Save** to complete creating the new group, or click **Cancel** to clear the new group.

4.4.2 Parent Groups

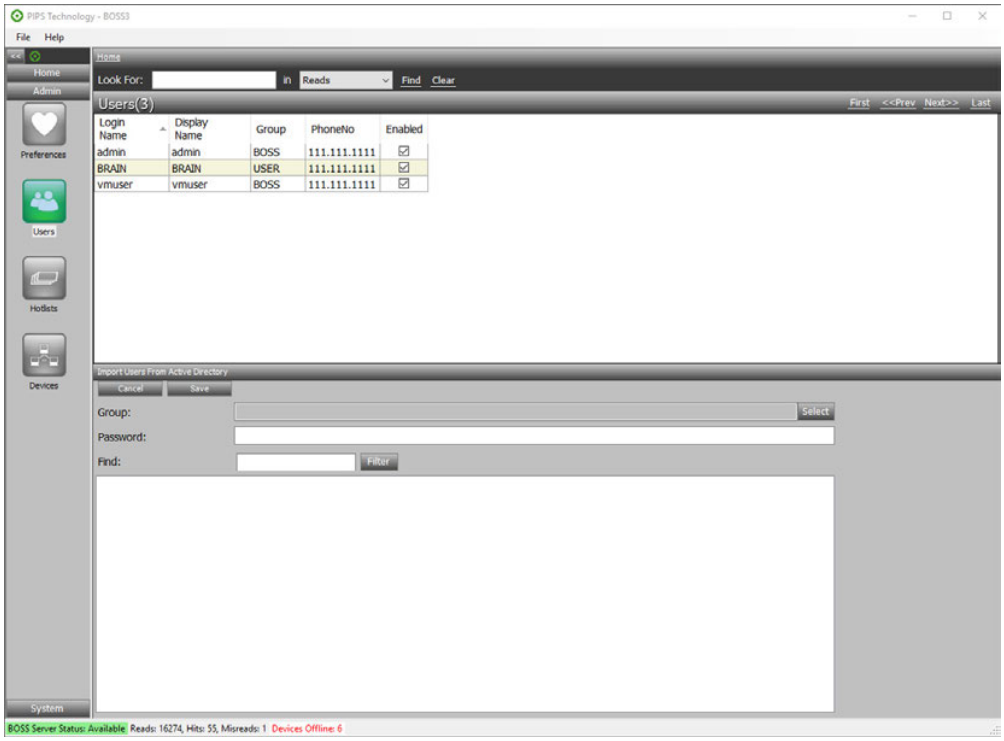
When creating a new group, you must select a parent group (the Belongs To field). BOSS uses a parent-child group structure as an organizational mechanism. This allows the BOSS Administrator to arrange groups into collections based on location, job role, or any other applicable criteria. In BOSS, the parent group can be selected in order to easily reach the entire collection of groups under that parent. This can be especially helpful in large installations with a large number of groups.

4.4.3 Deleting a Group

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Users** shortcut.
3. Click the **Groups** button at the bottom of the Browse/Edit area. A list of all existing groups will display in the Browse/Edit area.
4. Click to select the desired group from the list.
5. Click the **Delete** button.
6. Click **OK** in the confirmation dialog to complete the operation.

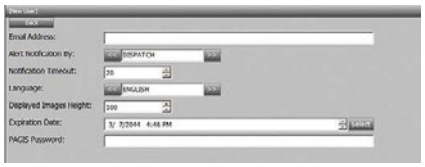
WARNING: Any users currently assigned to the deleted group will be assigned to the default "BOSS" group. You should empty the group by assigning all of its users to different groups prior to deleting it.

4.5 Users



4.5.1 Creating a New User

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Users** shortcut. A list of all existing users will display in the Browse/Edit area.
3. Click the **New** button at the bottom of the Browse/Edit area. The New User Entry screen appears.
4. Enter a **Login Name** for the new user. This is the name the user will enter when logging into the BOSS application. (The login name must be at least three characters.)
5. Enter a **Display Name** for the new user (optional).
6. Enter a **Password** for the new user. (The password must be at least six characters with one Cap, one number and one special symbol.) The strong password requirement cannot be disabled.
7. Select a **Group** for the user. Click the **Select** button to access a list of all groups. Click on the desired group and click the **Save** button to complete the selection.
8. Enter a contact **Phone Number** for the user (optional). This field is for informational purposes only; in case the BOSS Administrator needs to contact the user.
9. Click the **Advanced**... button to access additional, optional settings for the new user. Configure these advanced user settings as desired.



4.4.1 Creating a New Group (continued)

Email Address – Email address or addresses associated with the user. BOSS alerts for the user are sent to the email addresses specified here. Multiple addresses should be separated with a comma.
Alert Notification By – A user can be configured to receive BOSS alerts through the Dispatch application, email, or both. Click the <<
or >> buttons to cycle through the options, stopping at the desired selection.
Notification Timeout – The cutoff time from the time when a hit occurred after which an alert will no longer be sent to the user. For example, if the notification timeout is 20 minutes and a plate of interest is detected at 12:00 pm, notification is not sent to the user after 12:20 pm. This timeout prevents alerts being sent for events that are delayed in arrival to BOSS.
Language – The language preference for the user. The default value is English.
Displayed Images Height – This setting defines the vertical size in pixels of the images (reads and hits) that will display for the user on the Dispatch and Reads screens.
Expiration Date – Date for the user account to automatically be disabled. If no expiration is desired, simply leave this field at its default value (30 years from current date).
PAGIS Password – The user's Pagis password. Strong password requirement not utilized for this field.

Note: The user must be in a group that has been granted PAGIS permissions in order for the user to log in to PAGIS.

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10. Click the **Back** button to return to the main New User Entry screen.
11. Click the **Save** button to complete creating the new user.

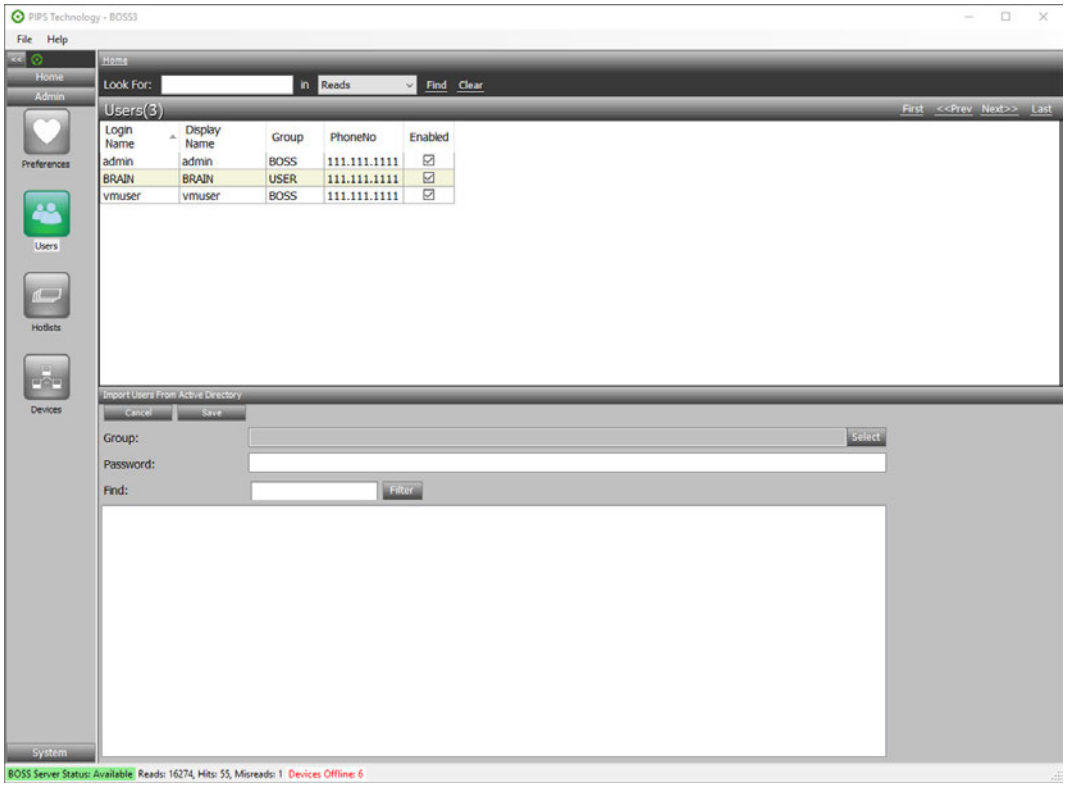
4.5.2 Deleting a User

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Users** shortcut. A list of all existing Users will display in the Browse/Edit area.
3. Click the desired user in the list.
4. Click the **Delete** button at the bottom of the Browse/Edit area.
5. Click **Yes** to confirm the operation.

4.5.3 Importing Users from Active Directory

BOSS allows user logins to be imported from Microsoft Active Directory (AD) service.

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Users** shortcut.
3. Click on the **Import** button.



4. Select the BOSS group that will receive the imported logins. Click the **Select** button to display available groups and **Save** to commit the selection.
5. Enter the default password for the imported logins in the Password field.
6. Browse for the desired users, **or** type in the desired login name (full or partial) in the Find field and press the **Filter** button.
7. Click on the checkbox in front of the desired usernames to select users to be imported to BOSS.
8. Click on **Save** to import the users from Active Directory.

Note: A Windows login cannot have any punctuation included or problems will occur with reads queries being performed.

4.6 Access Permissions Example

The previous sections have described how BOSS user security is designed, using roles, groups, and user accounts. This section presents a working example that integrates the information in this chapter.

A BOSS Administrator creates a role, names the role “Temporary Workers,” and defines the new role to have very limited permissions, as follows:

Reads	Read Only
Dispatch	Read Only
Users	No Access
Hotlists	No Access
Devices	No Access
System	No Access

Then the Administrator creates a group called “Temps.” When creating the group, a role is required. The Administrator selects the new role just created “Temporary Workers,” which assigns the permissions, defined above, to the new group.

Next, the Administrator creates a user account, “Jsmith,” for a temporary worker. While creating the new user, the Administrator is required to select a group for the user, and assigns the user to the “Temps” group just created. The user “Jsmith” has now been created with the permissions shown above because he belongs to the group called “Temps” and that group was assigned the “Temporary Workers” role.

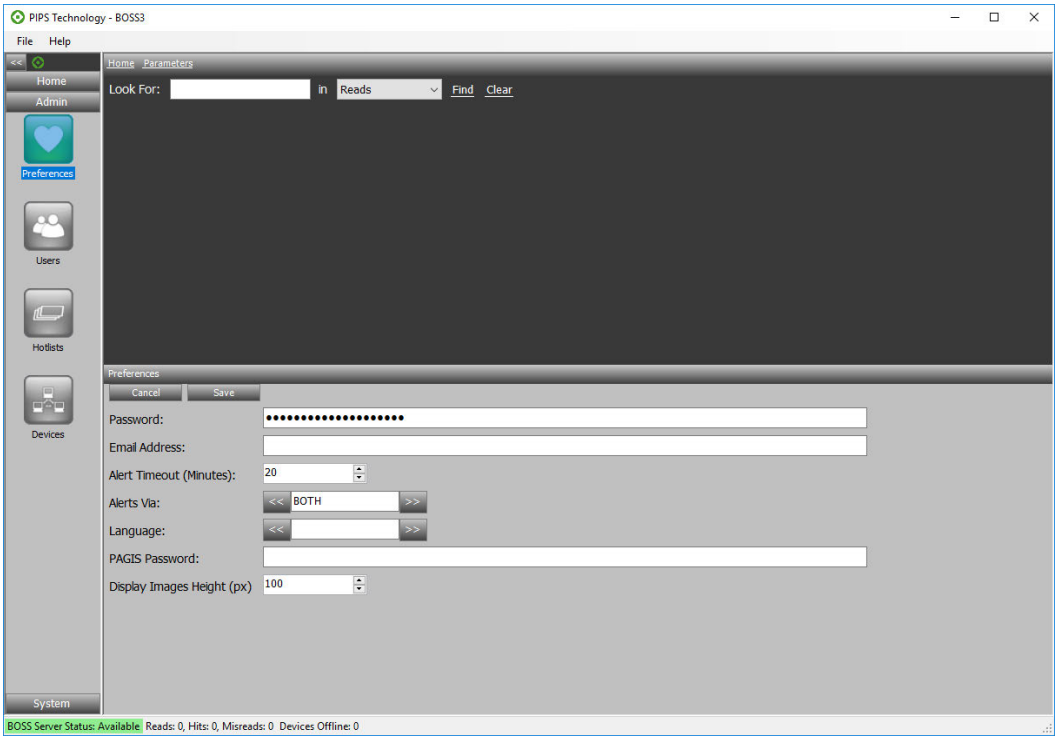
As this example shows, this security design allows reusability of security roles because a BOSS Administrator can define a set of permissions in a role, and that role can be assigned to multiple groups.

4.7 Preferences

The Preferences section allows for changing settings for the currently logged-on BOSS user, such as the password and email addresses.

4.7.1 Changing User Preferences

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Preferences** shortcut. The Preferences Entry screen appears at the bottom of the Browse/Edit area.
3. Modify the preferences settings as desired and click the **Save** button.



Password – Login password for the BOSS user. For security purposes, the existing password does not display on screen.
Email Address – Email address or addresses associated with the user. BOSS alerts for the user are sent to the email addresses specified here. Multiple addresses should be separated with a comma.
Alert Timeout (Minutes) –The cutoff time for older hits to alert the user.
Alerts Via – A user can elect to receive BOSS alerts through the Dispatch screen, emails, or both.
Language – Language preference for the user. The default value is English.
PAGIS Password (PAGIS Password) – The Pagis Software password for the user.

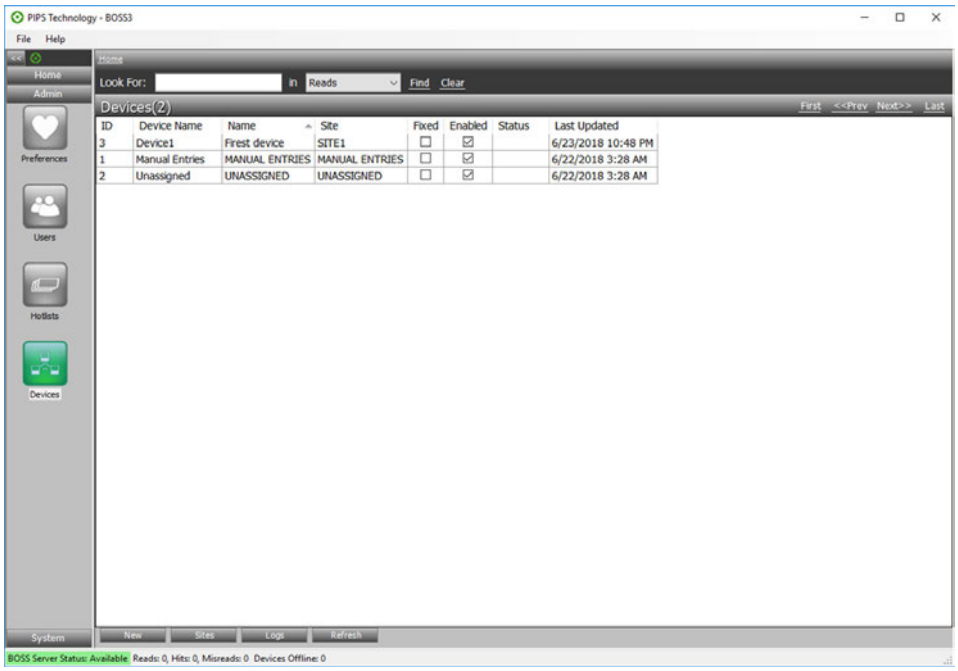
Note: The user must be in a group that has been granted PAGIS permissions in order for the user to log in to PAGIS.

Display Images Height (px) – This setting defines the size in vertical pixels of the images (reads and hits) that will display for the user in the Dispatch and Reads Query sections.

5 DEVICES AND SITES

5.1 Devices

A BOSS device is any source that can input reads into the system. Typically, a device is a camera—either fixed or mobile. Another source for reads is manual entry, in which a BOSS user types the information for a read into the BOSS Dispatch screen .A new BOSS installation automatically contains two default devices, Manual Entries and Unassigned. A BOSS Administrator creates additional devices applicable to his/her organization.



5.1.1 Device Status

To see the current devices in your system with information about their status:

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Devices** shortcut.

The devices will be listed in rows with the following column headings:

Device Name – The name assigned to the device, used in the device selections and is the description of the device. The list will always include Manual Entries and Unassigned.

Name – The name that is given to the device.

Site – The group of devices to which this device belongs. Sites can be grouped by geographical location or other criteria.

See Section 5.2, Sites.

Fixed – This box will be checked if the device is fixed camera, rather than a mobile camera. Enabled – This box will be checked if the device is currently enabled (see Section 5.1.4). Status – The Status field can display the following messages:

Device Added – If the device is newly added to the list, this message will display.

5.1.1 Default Devices (continued)

Offline – This device is a previously connected fixed camera that is not currently connected to BOSS.
Online Heartbeat – BOSS has detected a ping from a fixed camera.
Online Synced – The device's connection with BOSS has been established. This is shown for PAGIS mobile devices only and may not change when the device is offline.
Updated – Information has been sent from BOSS to the device, and the device is up to date.
Received Logins – Updates to the device included logins that were successfully sent to the device.
Received Source – BOSS has found the hotlist source file that it needs in order to send the updated hotlist to the device. Received Source may not be displayed due to timing or events.
Received Hotlist – The hotlist scheduled to be successfully sent has been sent to the device.
Received Hotplates – BOSS is sending "pages" of hotplates for a large hotlist, and the last page was successfully received.
Received Targets – The update to the device included targets that were successfully sent.

5.1.2 Defining a Device

Note: Devices will be defined automatically when a PIPS device, such as an ALPR camera, connects to BOSS the first time. Normally, there is no need to define devices in advance.

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1. Select the **Admin** category on the Shortcut bar.
2. Click the **Devices** shortcut. A list of existing devices will appear in the Browse/Edit area.
3. Click the **New** button.
4. Enter a name for the new device. (The name must be at least three characters long.) Note that the name **CANNOT BE CHANGED** once the device has been created.
5. Enter a **Description** for the new device. (The description must be at least three characters long.)
6. Select **Mobile** or **Fixed** in the Type field. By default, **Fixed** is selected. To change the current selection, click the **left** or **right** arrow.
7. Select a **Site**. Click the **Select** button next to the Site field to display a list of all available sites. Click on the desired site in the list and click the **Save** button.

Note: In addition to the two default sites, Manual Entries and Unassigned, which are created automatically when a new BOSS system is installed, other sites can be created by an authorized BOSS user. See Section 5.2, Sites, for more information.

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8. Select **Owners**. Owners are groups that can access this device. For PAGIS units, user logins are sent only to devices where the group is an owner of the device. Click the **Select** button next to the Owners field to display a list of all BOSS groups. Select each desired group by clicking the checkbox. When the desired groups are selected, click the **Save** button. The group name(s) selected will be displayed in the Owners field.

9. Select **Latitude** and **Longitude** values for the geographical location of a device by typing in a value or using the up and down controls on each field to increase or decrease the value. Note that some devices, such as PAGIS units with a GPS attached, will automatically send the latitude and longitude of the device to BOSS.
10. Click the **Advanced** button to display additional options for the device.
    No Reads Alert – Defines how long the device must remain with no reads coming in before the system shows the device as offline.
    Alert Email – The email address or addresses to which alerts associated with this device should be sent.
    Retain Reads – The length of time that reads from this device should be saved in the BOSS database. The Retain Reads setting must be longer or equal to the Retain Images setting.
    Retain Images – The length of time that pictures captured by this device should be saved in the BOSS database.
    Retain Hits – The length of time that hits captured by this device should be saved in the BOSS database.
    SpikeStore – The PIPS High Resolution ANPR/ALPR Camera P382 and the PIPS Compact ANPR/ALPR Camera P372 (formerly the Spike P382 and P372 cameras) allow captured images to be stored in an on-board USB flash drive to be retrieved on demand. Setting a device as a SpikeStore device causes BOSS to attempt to retrieve images from the storage device when the read is requested for viewing.
11. When Advanced Options have been set as desired, click **Back** to return to the New Device screen.
12. Click the **Save** button to complete creation of the new device. The new device will now appear in the devices list above.

5.1.3 Editing a Device

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Devices** shortcut. A listing of all devices appears in the Browse/Edit area.
3. Click the desired device to select it. Details for the selected device appear in the Browse/Edit area.
4. Click the **Edit** button.
5. The Device Edit screen appears in the lower portion of the screen.
6. Modify fields as desired and click the **Save** button.

5.1.4 Enabling and Disabling a Device

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Devices** shortcut. A listing of all devices appears in the Browse/Edit area.
3. Click the desired device to select it. Details for the selected device appear in the Browse/Edit area.
4. Click the **Edit** button.
5. The **Device** Edit screen appears in the lower half of the screen.
6. Click the **Disable/Enable** button. The change will immediately close the edit window and return to the Devices screen. It will also take effect immediately.

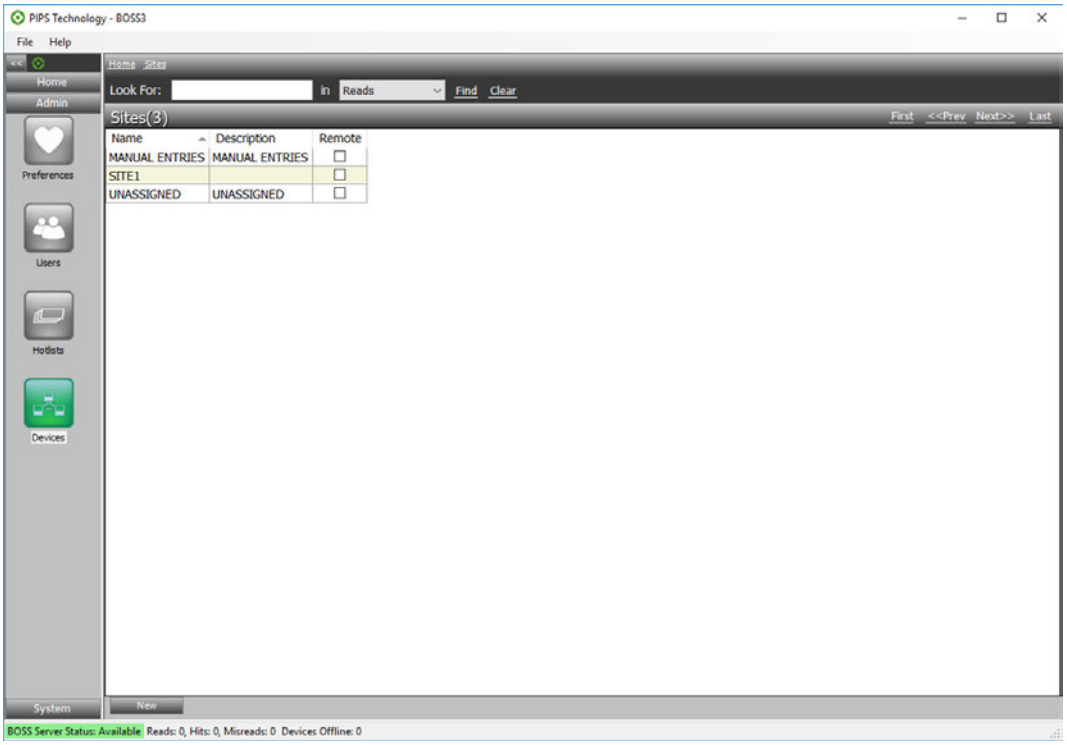
5.1.5 Deleting a Device

Note: It is strongly recommended that **devices are never deleted.** If a device is deleted, queries can no longer be performed using the device as a criterion. Instead of deleting a device, it should be disabled or given a new description.

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Devices** shortcut. (A listing of all existing devices will display in the Browse/Edit area).
3. Click the desired device in the listing.
4. Click the **Edit** button.
5. Click the **Delete** button at the bottom of the Browse/Edit area.
6. Click **Yes** to confirm the operation.

5.2 Sites

A site is a mechanism for organizing devices. This allows a BOSS Administrator to arrange devices into groups according to convenience, such as geographical area or a facility. The ability to group or arrange devices can be quite useful in large installations where there are many devices. Each device created must be assigned to a site.



5.2.1 Default Sites

A new BOSS site automatically contains two default sites, Manual Entries and Unassigned. Normally, a BOSS Administrator will want to create additional sites applicable to an organization.

5.2.2 Creating a Site

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Devices** shortcut.
3. Click the **Sites** button at the bottom of the screen. A list of existing sites will appear in the Browse/Edit area.
4. Click the **New** button at the bottom of the screen.
5. Enter a name for the new site. (The name must be at least three characters long.) Note that the name cannot be changed once the site is created.
6. Enter a description for the site. (The description must be at least three characters long.)
7. Select the parent site for the site. BOSS allows organizing sites into tree-like hierarchies. Click the **Select** button next to the Belongs To field, and select one site from the list. Click the **Save** button to complete the selection. The site name will appear in the Belongs to field.
8. Check the **Remote** option to designate the site as a remote site. (Remote sites are explained in Section 6, BOSS Data Sharing.)

5.2.3 Deleting a Site

Note: It is strongly recommended that sites are never deleted. If a site is deleted, queries can no longer be performed using the site as a criterion. Instead of deleting a site, it is recommended that devices assigned to it should be moved to another site.

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1. Select the **Admin** category on the Shortcut bar.
2. Click the **Devices** shortcut. A listing of all existing devices will display in the Browse/Edit area.
3. Click the **Sites** button at the bottom of the screen. A listing of existing sites will appear in the Browse/Edit area.
4. Click the desired site in the listing and click the **Edit** button.
5. Click the **Delete** button at the bottom of the Browse/Edit area. Click **Yes** to confirm the operation.

6 BOSS DATA SHARING

BOSS allows "linking" of multiple BOSS systems for data-sharing purposes. When a user issues a query from the Smart Client application that includes a remote site, the query is submitted to the local BOSS server, which in turn makes a query to the remote BOSS server(s). The combined results from all the sites are then returned to the Smart Client. **Data from remote sites is not stored in the local BOSS server.**

The following configuration steps need to be taken to permit BOSS data sharing:

6.1 Configuring BOSS to Allow Remote BOSS Queries

1. Create a BOSS user for remote access. This user account is a "proxy" the local BOSS server will use for all requests from a remote site. This user account will have "Reads" privileges by default; no other privileges need to be given. The user must be assigned to a remote group. (See Section 4.4, Groups, for information about flagging a group as remote.)
2. Give the username and password for this "proxy" user to the BOSS Administrator at the remote BOSS system. The remote BOSS will need to be configured to access this BOSS system, described in the next section.

Note: It is best to create a dedicated user account for remote sites—one that will not be used by an actual user to log in and access the application.

6.2 Configuring BOSS to Access a Remote BOSS Server

1. Obtain username and password from BOSS Administrator at the remote site.
2. Create a site for the remote BOSS server and select the **Remote** option.
3. Enter the remote site IP address and BOSS service port (23032 by default).
4. Add the username and password provided.
5. For each group that is allowed to query the remote BOSS server, assign the remote server to the user via the **Servers Access** option. (See Section 4.4, Groups, for information on selecting Servers Access.)
6. Log out of the application.
7. Log back on using the provided username and password. The Remote BOSS server can then be queried by selecting the desired servers in the Reads Query screen.

Note: BOSS version 3.2 and above only supports data sharing with servers running BOSS 3.0 and above.

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7 HOTLISTS

A hotlist is a database that contains license plates of interest. When reads from license plate readers arrive at the BOSS server application, they are compared against hotlist records to find matches. Various hotlists can be enabled on a BOSS system and used in this comparison. In addition, hotlists can be assigned individually to specific devices. Only reads from those devices will be compared against these hotlist records. Typical hotlists include stolen vehicles, amber alerts, wants and warrants, etc. When the system reads in a plate that is determined to be a match to a hotlist entry in a hotlist, the BOSS application informs the user either with an alert sound and a pop-up window displaying a picture of the vehicle, or via email, depending on the user's preferences (see "Alerts via" in Section 5.3, Preferences).

A hotlist can be a database imported from an external source, such as another law enforcement agency. It can also be a list created by the local BOSS Administrator. For the BOSS server application to be able to understand how to import the hotlist records into the database, there are three different format types that exist in a BOSS system. In addition, there are several specific formats that are pre-defined and available by default when a new BOSS system is installed (see Section 8, Hotlist Formatters).

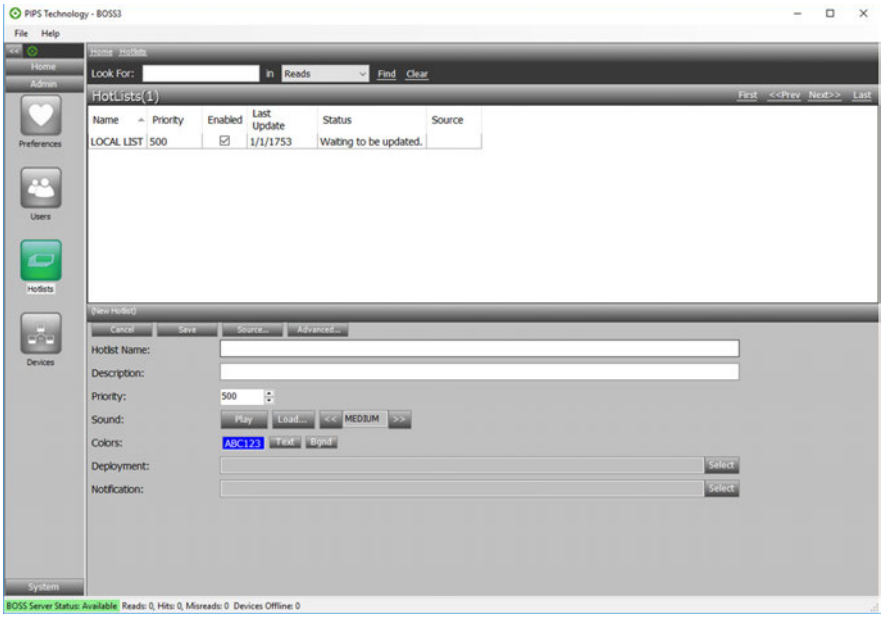
7.1 Creating a New Hotlist

There are three general areas to complete when creating a new hotlist:

- Configure basic settings
- Define a source file location with credentials when necessary.
- Define advanced settings (optional).

7.1.1 Configuring Basic Hotlist Settings

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Hotlists** button. Currently existing Hotlists appear in the Browse/Edit area.
3. Click the **New** button at the bottom of the Browse/Edit area. The New Hotlist Entry form appears.



4. Enter a **Hotlist Name** for the hotlist. It must be at least three alphanumeric characters, and it cannot be an existing hotlist name.
5. Enter a **Description** for the hotlist (optional).

6. Select a **Priority** for the hotlist. When there are multiple hits/alerts, the priority determines which alert will occur first. (The lower the number, the higher the priority.)
7. Select a **Sound** for alerts resulting from this hotlist (optional). Click the **Load** button to select a wave sound file (*.wav). To test the selected sound, click the Play button. Optionally, one of the three default sounds may be selected, **Low, Medium**, or **High** alert.
8. Select **Colors** for the alert if desired (optional). The default is white text on a royal blue background. Custom color settings affect the entries in dispatch. The background color also applies to alerts given in PAGIS.
9. Click the **Text** button to select a color for the text.
10. Click the **Bgnd** (Background) button to select a color for the background.

Note: Currently selected text and background colors are displayed in the sample box (showing "ABC123").

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11. Select devices for **Deployment**. Click the **Select** button to select devices from the list of those currently available. Click the checkbox next to a device in order to select it. When desired devices are checked, click the **Save** button to make the selection. One or more devices can be selected, and they will be displayed in the Deployment field.

Note: Deployment means distributing the hotlist to a device or devices. Only the devices where a hotlist is deployed will produce hits from the hotlist.

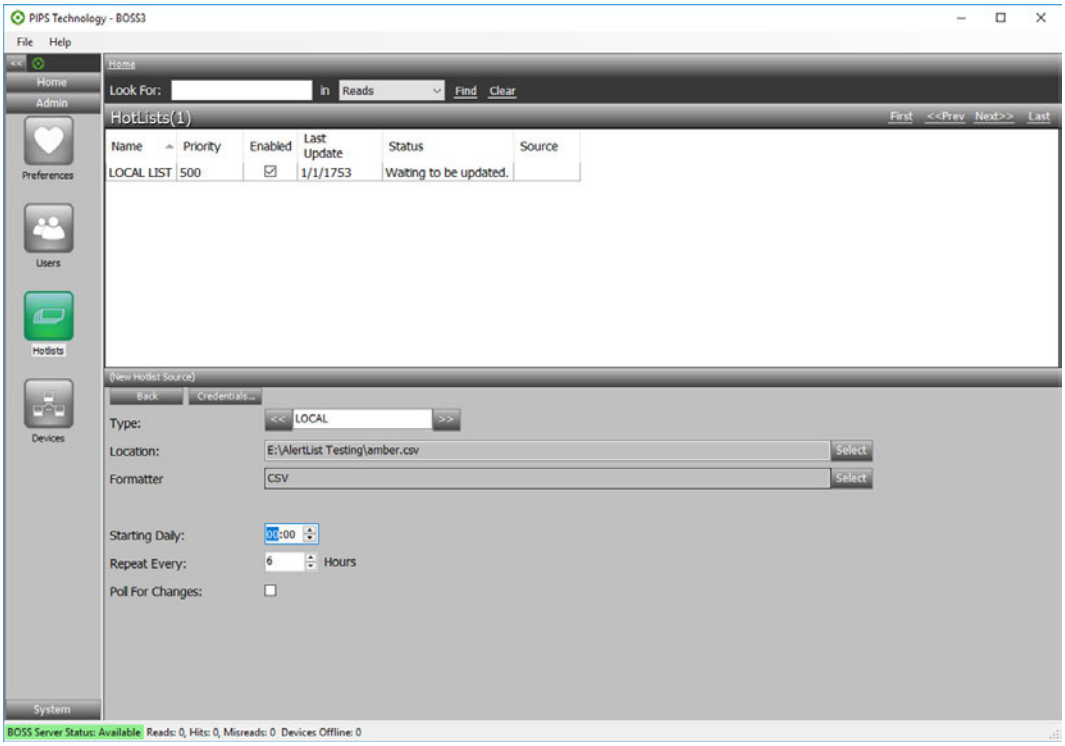
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12. Select groups for Notification. Click the **Select** button to see a list of all BOSS groups. Click the checkbox next to a group to select the group. When you select a parent group, child groups are automatically selected. When desired groups are checked, click the **Save** button to make the selection.

Note: In order to receive alerts for hits on the hotlist, the user must be in the notification list of the hotlist. For more information see Section 7.1.5, Defining Hotlist Advanced Options.

7.1.2 Defining the Hotlist Data Source

1. On the New Hotlist Entry screen, click the **Source**... button to open the screen shown in the lower half of the following image:

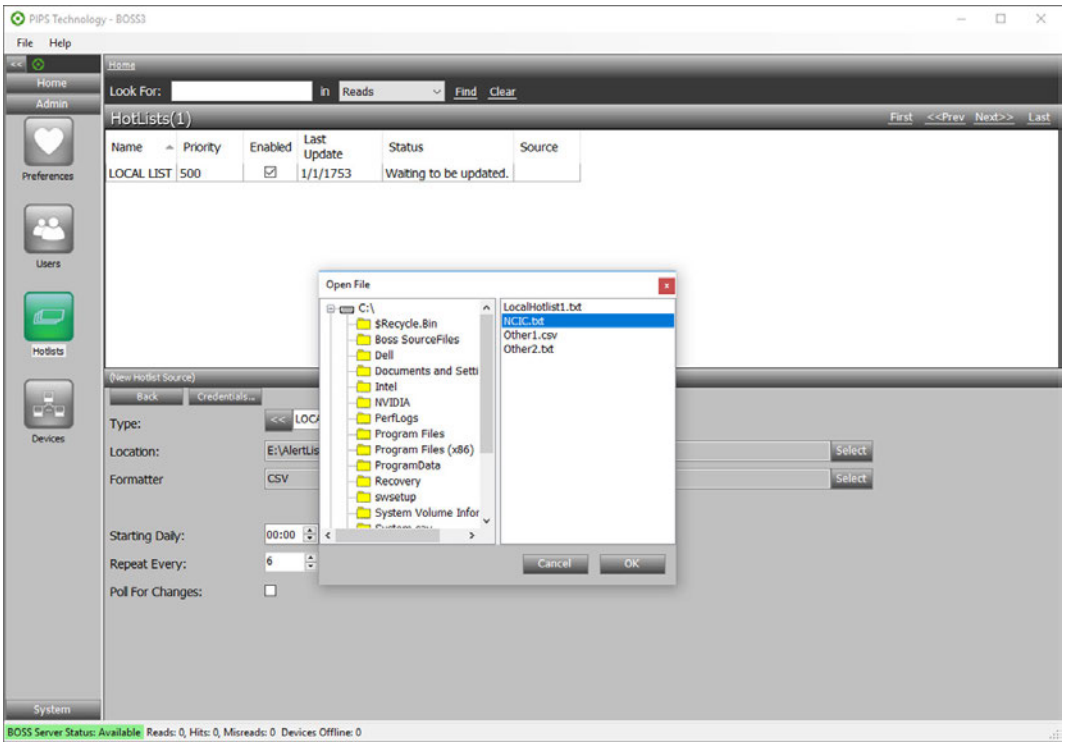


2. Choose the appropriate entries for each of the fields that describe the new hotlist:
   Type (**Network** or **Local**) – A local source means that the file is stored on the BOSS server's Windows file system. A network source means that the hotlist source resides outside the BOSS server.

Note: If a Local source is selected, the source file location (folder) must be accessible to the Windows process running the BOSS server application ("PIPS BOSS3" Windows service).

Location – Enter the location of the hotlist file. Click the **Select** button to the right of the location field.

For a local source, a file dialog will display, allowing you to navigate to a path and select a file.



For a network source, select one of the default locations displayed (if applicable), **or** type in the location of the source:

HTTP – The location format must be in Hypertext Transfer Protocol (HTTP) format: “http://server:port/path.” There are a few predefined HTTP locations (such as CA DOJ) included in BOSS. These locations can be accessed with the **Select** button. Boss also supports FTP & SFTP, examples : “ftp://server:21/path” , : ftp://server:22/path.

Remote BOSS System – The location format must be “boss://server:port/hotlist,” where “hotlist” is the hotlist name on the remote system.

Note: The remote system hotlist name **MUST** be alphanumeric and **CANNOT** contain any spaces.

Formatter – Formatter defines the way a hotlist database file is parsed into discrete fields. Click the **Select** button next to the Formatter field. A list of available formatters appears. Click on the desired formatter and click the **Save** button to make the selection. The name of the selected formatter will appear in the field.

Note: Normally one of the several default formatters included with BOSS is sufficient. A new custom formatter can be created if necessary. See Section 8.1, Creating a New Formatter for Hotlists, for more information.

7.1.2 Defining the Hotlist Data Source (continued)

Starting Daily – Specify the time of day the hotlist should begin updating each day. The time is formatted as hours:minutes in the 24-hour clock, i.e., between 00:00 and 24:00 can be selected.
Repeat Every – Specify the time interval, in hours (1 – 24), between updates.

OR

Poll for Changes – If you choose this setting, BOSS will check for updates to the hotlist approximately every 30 seconds. When this option is selected, the **Starting Daily** and **Repeat Every** options are disabled.

Note: If **Poll for Changes** is selected, and the hotlist source resides on the network, BOSS will attempt to make a network connection every 30 seconds. This frequency may add significantly to network traffic. Use with caution.

7.1.3 ZIP Compressed Hotlist Files

BOSS will automatically recognize and extract a hotlist data file contained in a ZIP archive file, such as Windows Explorer compressed (zipped) folder.

Note: There can be only one file in the ZIP archive.

7.1.4 Defining Hotlist Source Credentials

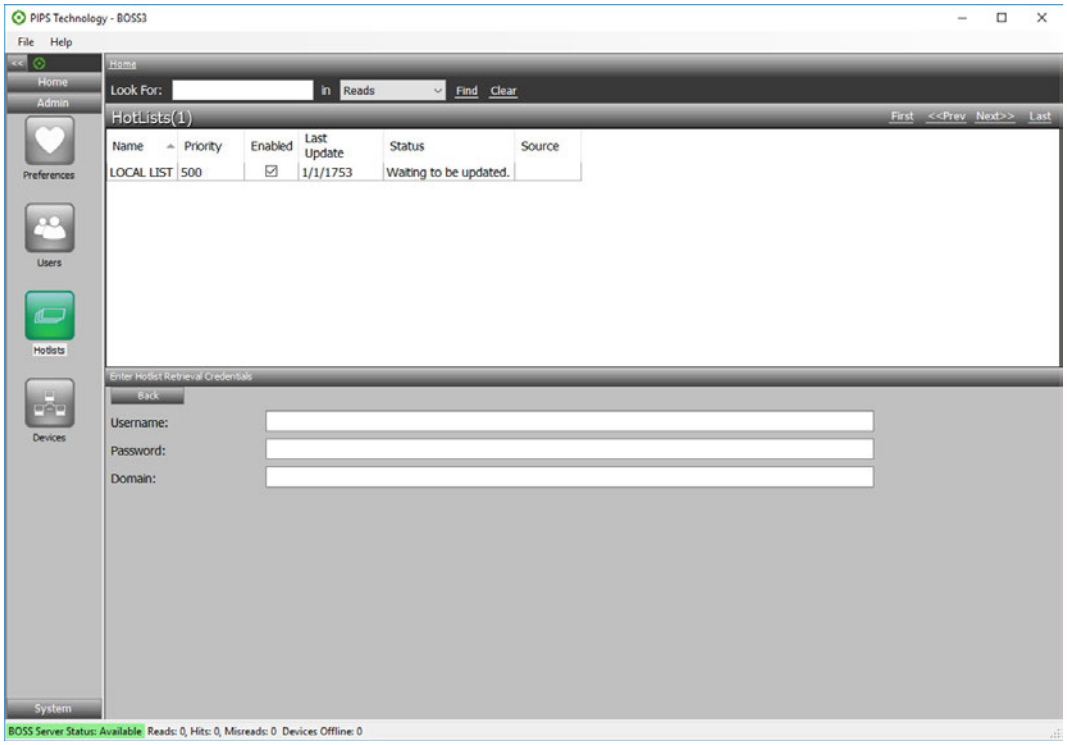
Some sources will require credential settings (e.g., login information) in order to allow BOSS to access that data. To enter the **Credentials** Settings screen from the Hotlist Source screen, click the Credentials button.
The credentials depend on the source type as follows:

Network-HTTP – If the HTTP (website) source defined requires login information, it should be entered in the Credentials Setting screen. This information will include username and password. The domain field may be necessary as well. Consult the Administrator of the HTTP source for required login information.

Network-Remote BOSS system – A username and password valid on the remote BOSS system must be entered (as in remote sites configuration, described in Section 6.0, BOSS Data Sharing). Consult the Administrator of the remote BOSS system for a username and password.

To set credentials for a source:

1. Click the **Credentials** button. The Credential Input screen appears.
2. Enter the username, password, and domain information applicable to the source you are specifying.
3. Click the **Back** button to return to the Source Entry form.
4. Click the **Back** button again to return to the New Hotlist Entry screen.



Advanced Options are values that allow you to further define details of the new Hotlist. To access the Advanced Options, click the **Advanced**... button.

Covert – A covert hotlist is one that contains sensitive information that should only be available to certain user groups. The effects of defining a hotlist as covert are as follows:

- A Hit on covert hotlist will not be alerted to users in mobile vehicle “Pagis”, unless the logged-in user is a Pagis administrator.
- A hit on the covert hotlist will not be alerted in the Boss application, regardless of the user’s alert preference. Hit alerts for covert hotlist can be send via email.
- When reads are queried, git information on covert hotlist will be displayed only to users in the Notification list for the hotlist. Other users will see that the read is a hit, but no information will be shown.
- Hit information for hits from covert hotlist will not be sent to remote Boss servers.

Whitelist – This option, when selected, defines the hotlist to be a whitelist, which works in reverse to a normal hotlist. A whitelist defines a list of plates that are **authorized** and not of concern. When a whitelist is active, license plates read that do **not** match an entry on the list will trigger a hit/alert.

7.1.5 Defining Hotlist Advanced Options (continued)

An example of whitelist use might be a secure parking lot where fixed camera devices are monitoring vehicles entering. Authorized plates will match entries in a whitelist hotlist. If a plate is read that does not match an entry in the whitelist, an alert occurs.

Whitelists and hotlists can be active simultaneously for a device.

Note: Whitelist support in PAGIS requires a separate license. If you do not have the license and wish to use whitelists, please contact your PIPS sales representative for further information.

Ext Trigger – This option, when selected, sets the External Trigger flag on a hotlist when it is passed to PAGIS. It is only supported in PAGIS version 2.6.6 or above and will have no effect on earlier versions of the software.
One Time – This option, when selected, specifies that the hotlist data should only be accessed from its defined source one time; no subsequent updating will occur after the initial import.
Alert Timeout – This setting allows you to define how current a hit (from this hotlist) must be in order to cause an alert. This primarily pertains to information coming in from mobile units, where there may be a large delay. Alert Timeout can be specified in minutes, hours, days, or months.
Delete Inactive – BOSS updates hotlists in an incremental manner, and instead of deleting hotlist entries that no longer exist, non-existent entries are marked as "inactive." If the entry subsequently becomes valid, the entry is marked as active again. The Delete Inactive value determines how long inactive entries are kept in the BOSS hotlist database.
Notify Email – One or multiple email addresses may be defined to receive an alert when there is a hit. Multiple

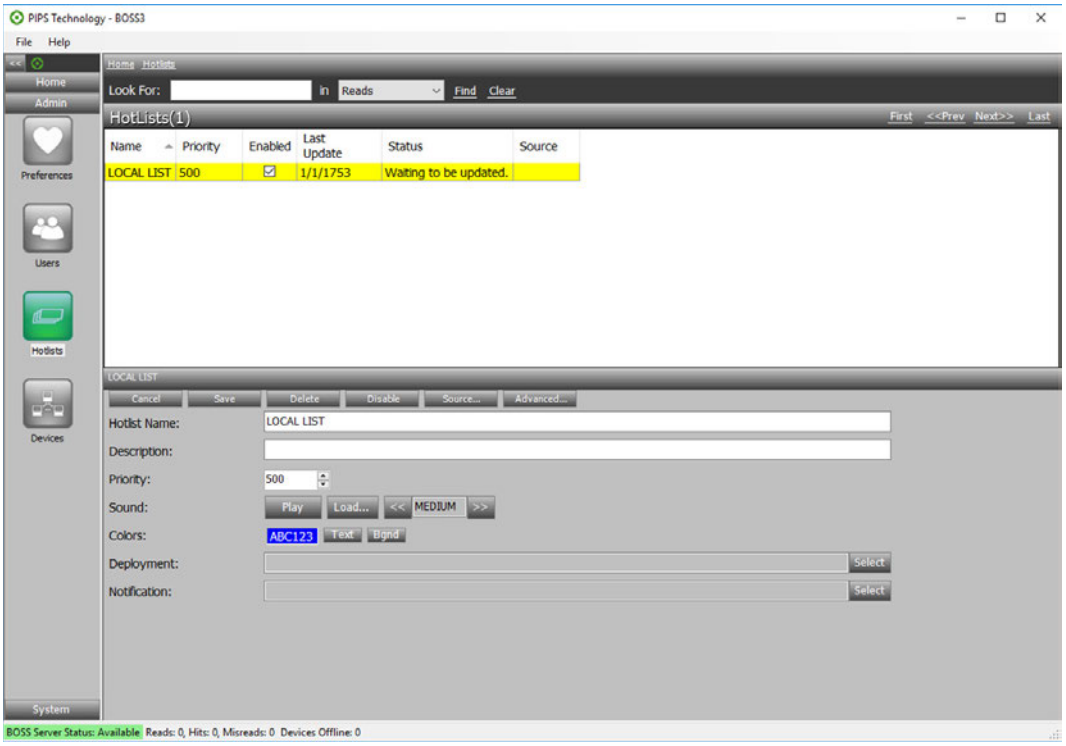
Note: If PAGIS mobile units are used, this value should be set to the longest time between begin shift downloads to PAGIS.

email addresses can be entered in the field, separated by a comma.
Remote Alerts To – Select the remote sites in which to send alerts. When a BOSS system sends an alert to a remote system, it is sent as a read; the remote BOSS system then determines whether to treat the read as a hit.

Note: This setting is only applicable if remote sites are defined.

Expires – Determines the date that the hotlist will stop importing data from its source. For a hotlist that is intended to be permanent, leave the expiration at the default value, 30 years from current date.

7.2 Enabling and Disabling a Hotlist



1. Select the **Admin** category on the Shortcut bar.
2. Click the **Hotlists** shortcut. A list of all hotlists appears in the Browse/Edit area.
3. Click the desired hotlist. Details for the selected hotlist appear in the Browse/Edit area.
4. Click the **Edit** button.
5. The Hotlist Edit screen appears in the lower half of the screen.
6. Click the **Disable** or **Enable** button.

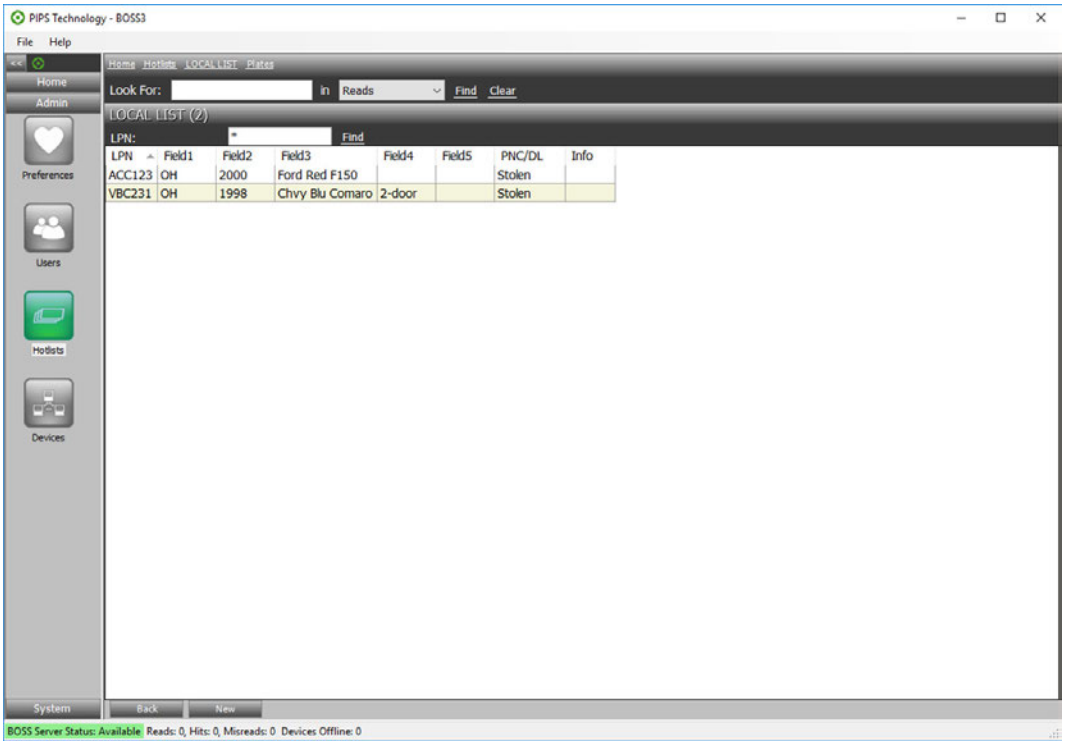
7.3 Modifying Hotlist Entries

BOSS allows viewing, adding, editing, and deleting hotlist entries.

Note: If the hotlist is set to update automatically, any changes to that hotlist made from within the BOSS User Interface application will be lost at the next automatic update.

7.3.1 Querying Hotlist Entries

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Hotlists** shortcut. A listing of all hotlists appears in the Browse/Edit area.
3. Click the desired hotlist. Details for the selected hotlist appear in the Browse/Edit area.
4. Click the **Plates** button.
5. The Hotlist Plates screen will be displayed.

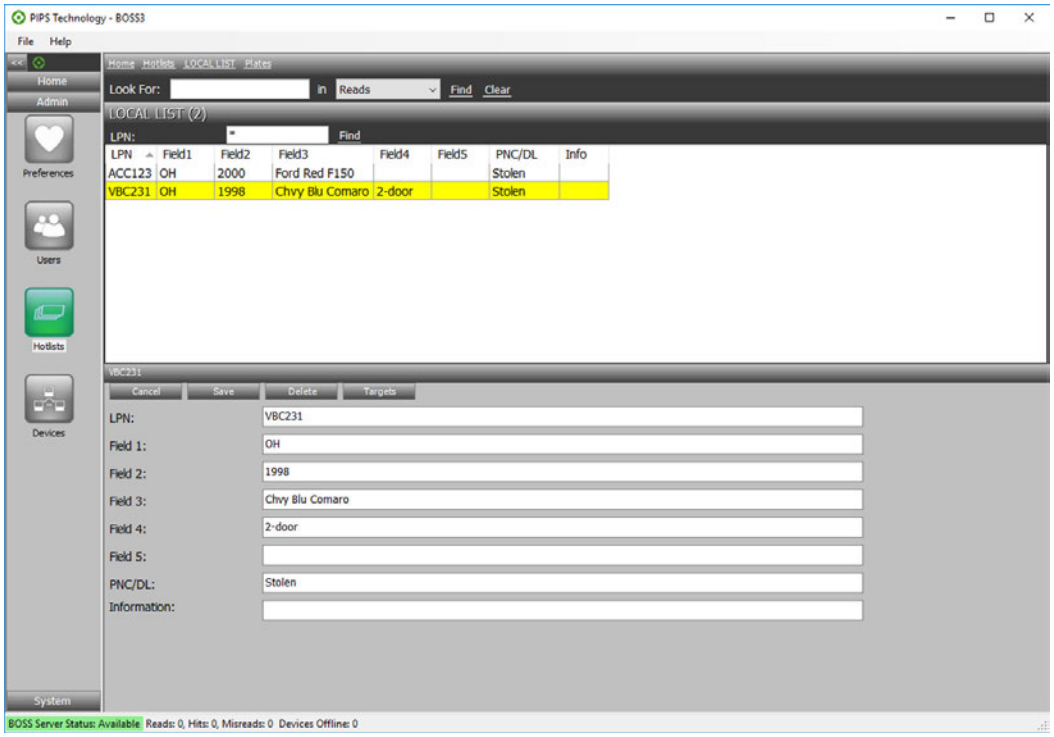


6. Type in the full or partial plate text to search for in the LPN field. (Wildcard searches are supported. See Section 11.1, Wildcards, for more information.)
7. Click on **Find**. License plates that match the criteria will be displayed. Note that only the first 1,000 matching license plates will be shown.

7.3.2 Editing a Hotlist Entry

1. Retrieve hotlist plates as instructed in the previous section.
2. Click on the row showing the desired plate.
3. The Plate Edit form will be displayed at the bottom of the screen.
4. Edit the field values as desired.
5. Click **Save** to save changes.

Note: Manually edited hotlist entries will be lost the next time the hotlist is updated.



7.3.3 Adding a Hotlist Entry Manually

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Hotlists** shortcut. A listing of all hotlists appears in the Browse/Edit area.
3. Click the desired hotlist to select. Details for the selected hotlist appear in the Browse/Edit area.
4. Click the **Plates** button.
5. Click the **New** button. The Plate Edit form will be displayed at the bottom of the screen.
6. Enter the **LPN** (mandatory) and other fields (optional).
7. Click **Save** to save changes.

Note: Manually edited hotlist entries will be lost the next time the hotlist is updated.

7.3.4 Deleting a Hotlist Entry

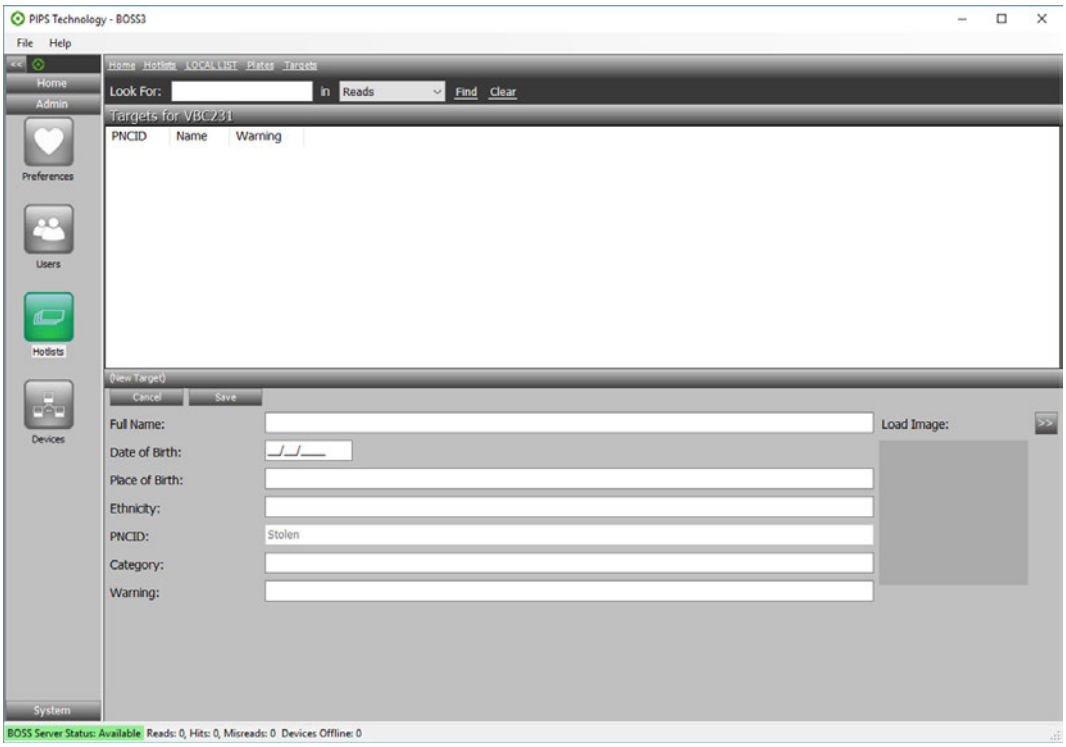
1. Retrieve hotlist plates as instructed in the Querying Hotlists Entries section.
2. Click on the row showing the desired plate. The Plate Edit form will be displayed at the bottom of the screen.
3. Click the **Delete** button.
4. Click **Yes** to confirm the deletion.

Note: Manually deleted hotlist entries may be re-added the next time the hotlist is updated.

7.4 Targets

Targets are individuals of interest associated with a license plate. Target information is downloaded to the PAGIS mobile application from BOSS.

1. Retrieve hotlist plates as instructed in Section 7.3.1, Querying Hotlists Entries.
2. Click on the row showing the desired plate.
3. The Plate Edit form will be displayed at the bottom of the screen.
4. Click the **Targets** button. Information about the target will display.



7.4.1 Creating a New Target

1. Click the **New** button.
2. The Target Edit form will be displayed.
3. Fill in the fields, listed below, with appropriate values.

   Full Name – The first and last name of the target. Date of Birth – The date of birth of the target.

   Place of Birth – The location where the target was born.

   Ethnicity – The ethnicity (race or national origin) of the target.

   PNCID – This field can be used to enter any type of identification number that is available. In the UK this is the Police National Computer identification number of the target. This field is linked to the PNCID field in the hotlist information in the PAGIS application. *See the sample INI configuration file in Section 5 of the Pagis Software User's Manual.*

   Category – The category of the target, such as Felon, Suspect, etc.

   Warning – The warning information to display to the officer.

   Load Image – An image of the target, such as a DMV photo or "mugshot," can also be associated with the Target record. Upload an image by clicking on the Select button and browsing to the image file. Supported formats include JPG, GIF, or BMP.
4. Click the **Save** button.

7.4.2 Deleting a Target

1. Access the Targets screen as described above.
2. Click the row containing the target to be deleted.
3. The Target Edit form will be displayed.
4. Click the **Delete** button.
5. Click **Yes** to confirm deletion.

8 HOTLIST FORMATTERS

Hotlist Formatters define the structure of source data that is imported into BOSS Hotlists. BOSS includes several default formatters when the software is installed. There are three types of formatters:

CSV (comma-separated values) – A flat text file containing one line for every record. Each field in the record is separated by a comma.

Fixed Length – A flat text file containing records that are all the same length. No separator characters are used to determine where each field ends and another begins, but rather, field and record lengths are known up front. In a fixed length file, padding spaces are used where necessary, to accomplish the correct field length.

NCIC (United States National Crime Information Center) – The NCIC database is a computerized index of criminal justice information (i.e., criminal record history information, fugitives, stolen properties, missing persons, etc.), that is available to law enforcement agencies 24 hours a day, 365 days a year. Several NCIC import sources/formats exist within BOSS.

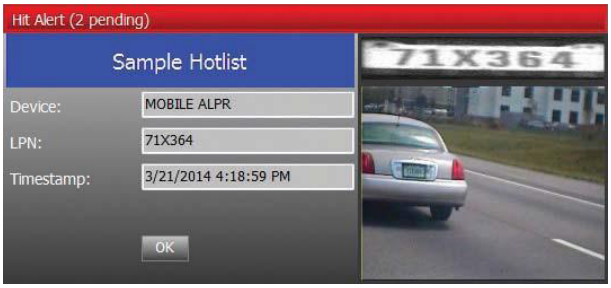
8.1 Creating a New Formatter for Hotlists

Normally, when creating a new hotlist, you will find that one of the default formatters can be used. However, BOSS does give you the flexibility to create new hotlist formatters. Creating a new formatter or modifying an existing formatter should be approached with caution and is beyond the scope of this manual. For more information, please contact PIPS™ Technical Support.

9 ALERTS

BOSS can provide real-time alerts on-screen, via the BOSS User Interface application, or through email. In order to receive alerts through the BOSS application, **the logged-on user must be in a group that is assigned the Dispatch permission**. Email alerts can be sent to any BOSS user or email recipient.

A real-time alert for a hit can pop up on the screen at any time when the BOSS application is running, regardless of which screen the user has active. A sound associated with the hit will be played. Alerts will be queued until the user acknowledges them by clicking **OK**. Real-time alerting in the BOSS application can be turned off by clicking on the **Alerts** toggle button on the BOSS Home screen. The settings for real-time alerts can be modified through the Dispatch screen, (see Section 10, Dispatch).

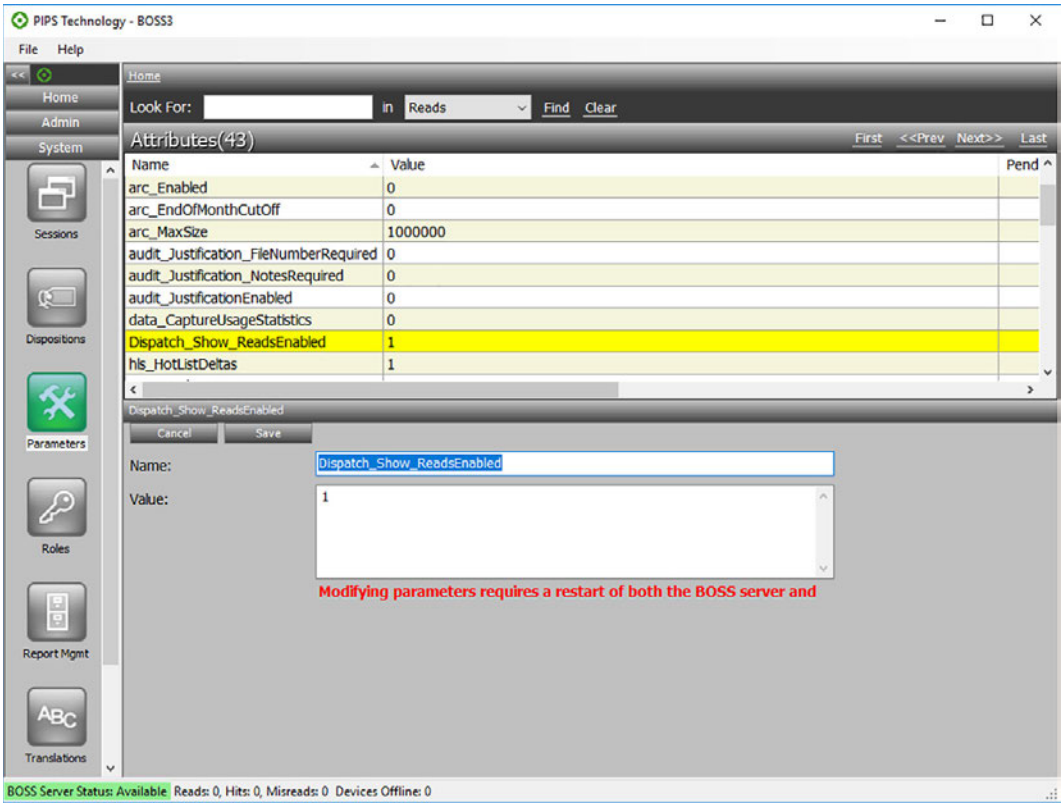


10 DISPATCH

The Dispatch screen is a tool often used by first responder dispatchers. It enables them to easily view hits, monitor reads, and correct license plates as they enter the BOSS system. The information displayed is as near to real time as possible. For ease of viewing, there are three configurations that can be set:

- If only the hits are set to display, they will appear on the whole screen.
- Similarly, if only the reads are set to display, they appear on the whole screen.
- Of the dispatcher is monitoring both hits and reads, then the hits will be displayed on the top half of the screen and the reads will be displayed on bottom half.

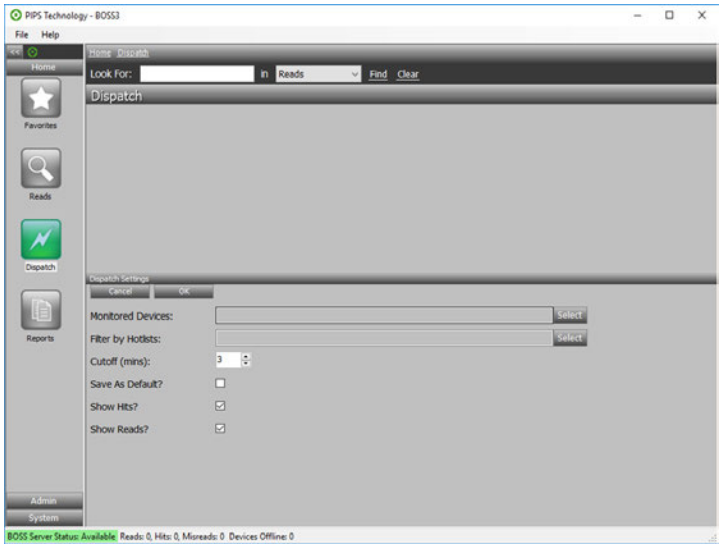
Note: By default, the ability to monitor reads via dispatch is disabled for new Boss installations, this feature can be turned back on by editing the Boss parameter “Dispatch_Show_ReadsEnabled” and setting the value to 1 for on. The Boss service must be restated for this to take effect.



10.1 Dispatch Settings

Dispatch Settings allow you to choose the information shown on the Dispatch screen.

1. Select the **Home** category in the Shortcut bar.
2. Click the **Dispatch** shortcut.
3. Click the **Settings** button in the bottom of the Browse/Edit area.



4. The following settings are available on the Dispatch screen. Change these settings as desired:

   Monitored Devices – Camera sources can be selected or deselected from a pick list to control which ones will supply reads (and resulting hits) to the Dispatch screen. Individual dispatchers can focus on particular camera inputs by selecting/deselecting any combination of sources (one, multiple, or all) for monitoring.

   In large BOSS systems, it may not be practical for a single dispatcher to monitor all sources simultaneously. An organization may choose to assign individual dispatcher personnel to different sources or may select to focus on particular sources during certain time periods or events.

   Filter by Hotlists – Hotlists may be selected to only show hits from designated hotlists. If there are no hotlists selected, hits from the monitored devices will be displayed.

   Cutoff (mins) – The cutoff setting determines how current from the present time a hit or read must be in order to display on the dispatch screen This setting determines the number of minutes before data is discarded from the on-screen display. The maximum time is 10 minutes.

   Save As Default – If checked, the current settings are saved and restored the next time the user logs in. Note that selected devices will always default to the devices where the user is configured to receive notifications in the Hotlist settings. See additional information on notifications in Section 7.1.1, Configuring Basic Hotlist Settings.

   Show Hits? – If checked, hits will display in rows in the top section of the Dispatch screen as they occur. If this option is deselected, rows of hits are not displayed in this section of the Dispatch screen. However, pop-up alerts will still display for hits, regardless of this setting.

Note: If the Alert Toggle button is set to the Off position, hits and reads will not display in the Dispatch screen. See Section 9, Alerts, for additional information.

   Show Reads? – If checked, all reads included in the devices selected in the Monitored Devices field display in the dispatch screen. By default, this option is not selected.

Note: Monitoring reads may slow down the BOSS server. It is recommended that reads are only monitored for diagnostics purposes.

5. Click the **Save** button for the changes to take effect.

10.2 Dispatch Hits

For each row, the columns displayed are:

Device – The device where the read originated.
LPN – The license plate characters read in by a camera or manually entered by a user.
Timestamp – Date and time when the read occurred.
Syntax – The state or region of the plate, if available.
Misread – If checked, indicates that the hit resulted from a read that was marked as a misread. Manual – If checked, indicates that the hit resulted from a manual entry (put in by a BOSS user). Patch – A thumbnail image of the license plate.
Overview – Color overview picture of the vehicle.
Hotlist – The name of the hotlist from which the hit occurred.
Field1 ... Field5 – Fields originating from the hotlist. The content and meaning of these fields vary depending on the composition of the hotlist.
PNC/DL – This field can be used for a driver's license (DL) number in US installations, but primarily used in United Kingdom installations for storing the UK Police National Computer identification number.
Info – Commonly contains additional text associated with the hit record. When the hotlist source contains additional fields, the information from those fields is all stored in this one field.
Priority – Priority assigned to the hotlist, with a lower number being given a higher priority.
Annotation – Notes associated with the read. Annotations are entered by BOSS users.

10.3 Dispatch Reads

For each row, the columns displayed are:

Device – The device where the read originated.
LPN – The license plate characters read in by a camera or manually entered by a user.
Syntax – The state or region of the plate, if available. Timestamp – The date and time when the read occurred. Patch – A thumbnail image of the license plate.
Overview – Color overview image of the vehicle.
Misread – If checked, indicates that this record was marked as a misread.
Hit – If checked, indicates this read resulted in a hit.
Manual – If checked, indicates this read was input manually by a BOSS user, rather than originating from a device.
Annotation – Notes associated with the read. Annotations are entered by BOSS users.

10.4 Manual Entries

There may be times when a read must be manually entered or when a camera does not correctly read a plate. For example, if there was an obstruction between the camera and the plate, then characters may be missed in the read. For this reason, manual entries can be completed by an authorized user via the Dispatch screen.

10.4.1 Adding a Manual Read

1. From the Dispatch screen, click the **Add** button. The Manual Entry screen appears in the lower half of the Browse/Edit area.

Note: The **Add** button will only be present if the logged in user has the Edit Access permission to reads.

2. Enter the plate characters in the LPN field.
3. Click the **Select** button to the right of the disposition field.
4. Select the desired disposition(s) and click the **Save** button to complete the selection.
5. Click the **Save** button to finish saving the manual entry. If the "Manual Entries" device is not being monitored, the manual entry will not appear in the Dispatch screen.

10.4.2 Correcting Reads

1. From the Dispatch screen, click the Add button. The Manual Entry screen appears in the lower half of the Browse/Edit area.
2. Enter the plate characters in the LPN field.
3. Click the **Select** button to the right of the disposition field.
4. Select the desired disposition(s) and click the **Save** button to complete the selection.
5. Click the **Save** button to finish saving the manual entry. If the "Manual Entries" device is not being monitored, the manual entry will not appear in the Dispatch screen.

11 QUERYING STORED DATA

The Reads screen allows for searching and viewing past read records on a local server or on a remote server that has granted access. Reads can be quickly searched by entering a license plate number. This screen also allows for more advanced queries where data can be filtered based on additional fields such as date ranges, location, and radius. Additionally, the Reads screen allows you to perform multiple queries with the use of tabs.

For the queried results returned, there are no limits to the number returned from a local server. To limit the impact on outside systems, there is a limit of 1,000 records returned from a remote server. A maximum of 1000 records will be displayed per page.

Note: Depending on factors such as the size of the BOSS database, the speed of the server, the bandwidth of the connection between client and server, and the parameters of the query, there may be a delay before the results are displayed. A status bar will display that shows that the query progress.

11.1 Wildcards

Wildcards are special characters that represent any alphanumeric character and can be used in searches and queries. Wildcards can make finding a match easier because they can define a portion of the criteria to be ambiguous. Wildcards supported in BOSS are described in the following table.

WILDCARD USED	REPRESENTS
a%	Any values that start with the letter “a”
a	Any values containing “a”
% or *	Any/all values
a_	Any values that are exactly two characters long and start with “a”
_a*b	Any values that have “a” as the second letter and end with “b”
[abc]*	Any values that start with “a”, “b” or “c”

11.2 Quick Search Bar

The Quick Search bar is always visible and available on the top of the BOSS screen regardless of the category or shortcut currently selected. This feature allows for quick, simple searches of various BOSS data.

1. Type the value to search for in the Look For field. This value can include wildcard characters. Multiple values can be entered separated by a comma (e.g., ABC123, XYZ234). However, wildcard values cannot be used when searching for multiple values.
2. In the “In” drop-down box select an area to search. The available options are **Reads**, **Hotlists**, **Users**, **Group Users**, **Groups**, **Devices**, and **Sites**. These areas are described below.
3. Click the Find link to initiate the search. The results will be displayed in the Browse/Edit area of the screen.

11.2.1 Quick Search Fields

When performing a query using the quick search feature, keep in mind that the search is performed in one significant area that can be selected. The search is then run against the significant field in that area, not all fields in that area. For example, when performing a quick search in Users, the text entered is compared against the Username field of all user records.

However, it is not compared to the display names for users. The following is a list of the fields used in the Quick Search:

SEARCH IN AREA	FIELD USED FOR SEARCH
Reads	LPN
Users	Username
Groups	Group Name
Site	Site Name
Hotlists	Hotlist Name
Group Users	Group Name
Devices	Device Name

11.3 Query Result Navigation Icons

Just above the query results are navigation icons that facilitate moving through the data results. These icons can be very useful for larger result sets, providing an easy way to move through records.



Move to the very beginning of the data results, i.e., the first record.



Move forward through the data results.



Move backward through the data results.



Move the very end of the data results, i.e., the last record.

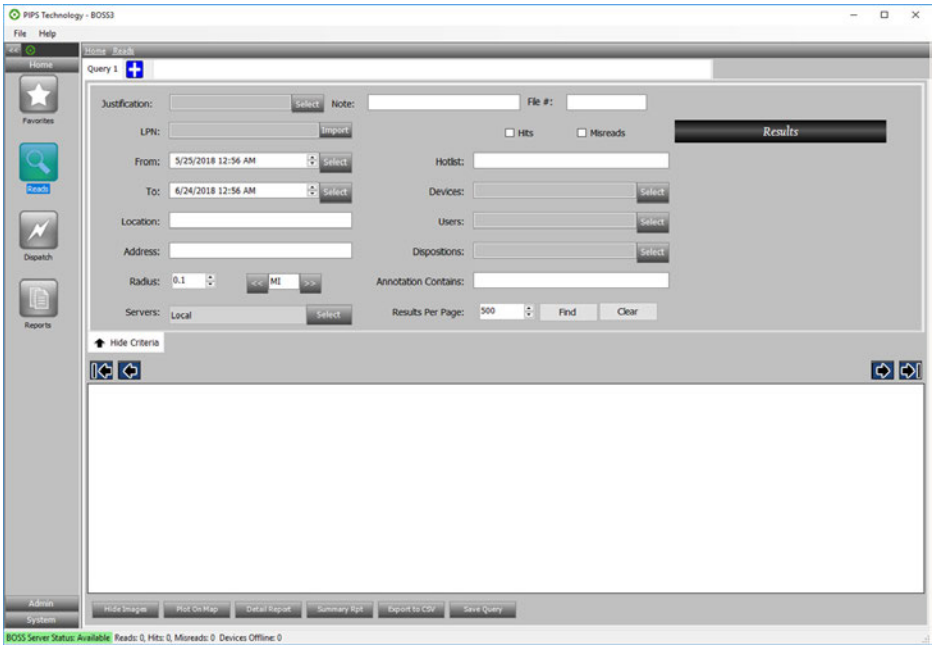
11.4 Advanced Reads Queries

The Reads screen allows for searching and viewing past read records. Reads can be quickly searched by entering a license plate number. The Reads screen also allows for more advanced read queries where data can be filtered based on additional fields such as date ranges, location, or radius. As indicated earlier, a maximum of 1000 records will be displayed.

11.4.1 Performing an Advanced Reads Query

1. Select the **Home** category on the Shortcut bar.
2. Click the **Reads** shortcut.
3. Enter desired query criteria (see the following section, 11.4.2, Entering Advanced Reads Query Criteria). All fields do not have to be filled in. Leaving a query field blank simply means there will be no filtering on that field.
4. Click the **Find** button to run the query.

11.4.2 Entering Advanced Reads Query Criteria



The query criteria fields are:

LPN – Full or partial (using wildcards) license plate number.
From – The start date and time for reads to be retrieved. Either click the **Select** button to display a calendar for quick selection, or type in the date.
To – The end date and time for reads to be retrieved. Either click the **Select** button to display a calendar for quick selection, or type in the date.
Location – The location as entered in the PAGIS application (see the Pagis Software User's Manual for more information).
Near Address – An address to use as the center of a radius search. The address format depends on the mapping system used but typically street name, house number, city and state, or zip code can be entered.
Radius – When a Near Address filter is entered, the search radius from the center point must be entered here.
Servers – Information can be queried from one or more remote BOSS servers. Click the Select button to display a list of authorized BOSS servers.
Justifications – Select the justification that best describes the purpose for the query being performed. This field will only be displayed if Justifications have been enabled in the System Parameters. See Sections 15.3.2, List of BOSS System Parameters, and 15.7, Justifications, for more information.
Justification Note – Enter any additional information necessary to more accurately document the query being performed. This field will only be displayed if Justifications have been enabled in the System Parameters. See Sections 15.3.2, List of BOSS System Parameters, and 15.7, Justifications, for more information.
Hits Only – If checked, only hits are queried.
Misreads Only – If checked, only reads that are marked as misreads are queried.
Hotlist – A search on hits can be limited to a specific hotlist, which can be entered here.
Devices – A query can be narrowed to reads originating from a particular device. Click the Select button to display a list of devices, select one or more.
Users – A query can be narrowed to reads originating by a particular user. Click the Select button to display a list of users and select one or more.

Note: The username can also be typed in.

Dispositions – A query can be narrowed to reads with a particular disposition. Click the **Select** button to display a list of dispositions. Then select one or more dispositions.

Annotation Contains – If text is entered in this field, only reads that contain the text in the annotation field are queried.

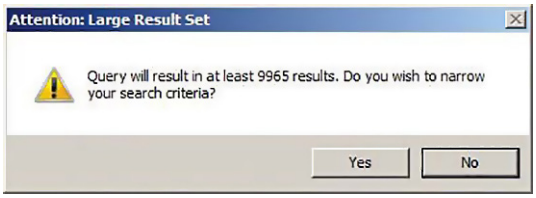
Results Per Page – The maximum number of reads that will be displayed. The default is 500, the maximum is 1,000.

Clear – If clicked, the fields on the current tab will be returned to their default values.

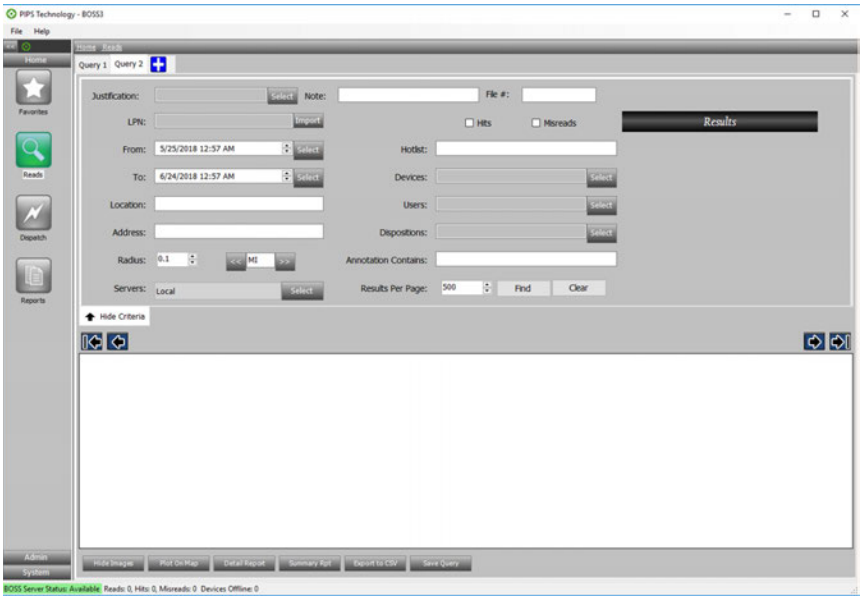
11.4.3 Managing Query Results

With the ability to obtain any number of results from a local server comes the option to narrow the potential results to be returned. If a large number of results will be returned based on the criteria entered, a message is displayed asking if the search criteria should be narrowed. If you select **Yes**, the search criteria is redisplayed offering the chance to make any necessary changes to reduce the results. If you select **No**, the query is performed based on the current criteria selections.

Note: A large number of results can take several minutes to be displayed.



11.5 Multiple Query Tabs



With Query tabs, users can perform multiple queries at a time. By clicking on the last tab, which contains the plus icon, you can access additional Reads Query screens. Enter the desired search criteria on each new screen to obtain additional information through the varying results. Each query can be given a descriptive name by right-clicking on the tab, and obsolete queries can be removed the same way.

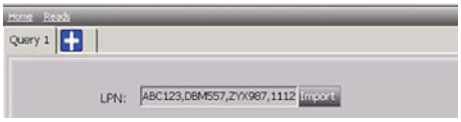
11.6 Cross-Referencing External Data

BOSS allows cross-referencing external data, such as DMV information. To query BOSS based on external information, take the following steps:

1. Create a CSV text file containing the license plate numbers to be cross-referenced. **The license plate number must be in the first field.**
2. Open the Reads Query screen.
3. Click the **Import** button next to the LPN field.



4. Click **Open** to import the plate numbers. A maximum of 50 plate numbers can be referenced at a time. Imported plate numbers will show up in the LPN field:

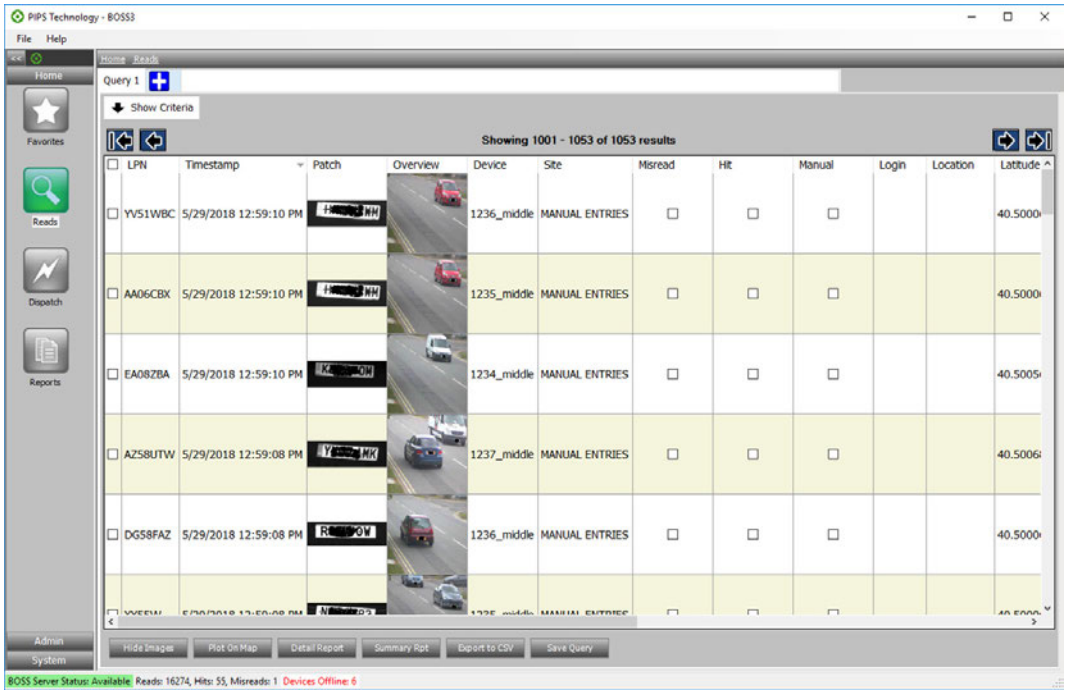


5. Enter other query criteria, as needed, and click **Find** to run the query.

11.7 Working with Queried Reads

11.7.1 Viewing Query Results

The results of both Quick Searches and Advanced Reads Queries are presented in the same manner.



The columns displayed are:

LPN – The plate text (characters) read in by a camera or manually entered by a user.
Timestamp – The date and time when the read occurred.
Patch – A thumbnail image of the license plate. Overview – The color overview picture of the vehicle. Device – The device where the read originated.
Site – The site where the read originated.
Misread – Indicates whether the read was marked as a misread by a user.
Hit – Indicates whether the read is a hit.
Manual – Indicates whether the read was entered manually.
Login – The username logged into the device at the time the read originated.
Location – The location entered in the PAGIS system. See the Pagis Software User's Manual for more information.
Latitude – The latitude coordinates of the device at the time the read originated. Longitude – The longitude coordinates of the device at the time the read was originated. Hotlist – The name of
the hotlist that produced the hit.
Field1 ... Field5, PCNID, Information – Information from the hotlist that produced the hit.
Annotation – Annotations entered for the read.
Server – The name of the server that has provided this information. This can be a local or remote server.

11.7.2 Query Results Actions

There are several button options available at the bottom of the Reads Query Results screen that offers additional uses of the data results.



Hide Images/Show Images – Used to remove the image columns, patch and overview, from the view. This can be done to provide more room for text fields to be displayed. When clicked, the Hide Images button's caption changes to Show Images. When the button is clicked again, images will again be displayed.

Plot On Map – When clicked, any selected records will be plotted on a map. One or multiple records can be selected by clicking the checkbox in the first column of the record. To select all of the records, click the checkbox in the headings column.

Detail Report – Click to generate a detailed report of selected reads. To select one or more records, click the checkbox in the first column of the record. To select all of the records on the current page, click the checkbox in the headings column. Use the navigation buttons to move to additional pages to select additional records.

Summary Rpt – Click to get a summary report of selected reads. To select one or more records, click the checkbox in the first column of the record. To select all of the records on the current page, click the checkbox in the headings column. Use the navigation buttons to move to additional pages to select additional records. To include all results choose the All Results option in the Reads Summary Detail Report option box.

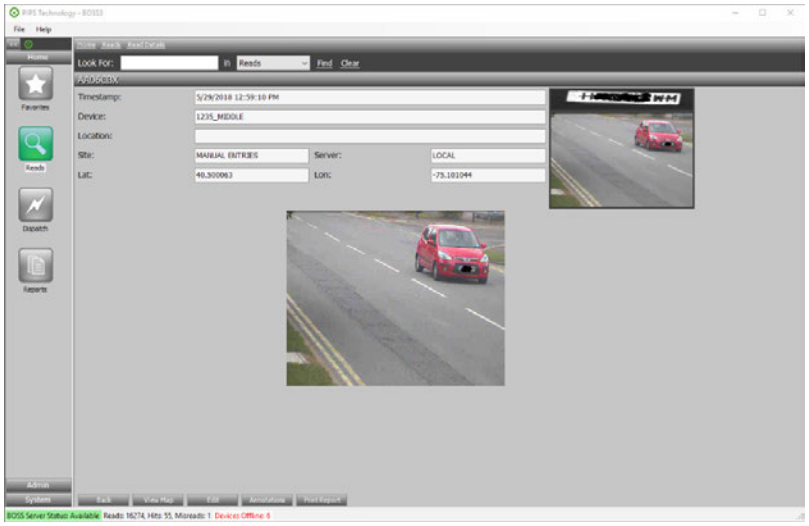
Export to CSV – Click to save the results to a file in a CSV format. Select to save the current page or all results provided. Use the navigation buttons to move to additional pages to select additional records.

Save Query – Click to save the query criteria as a favorite for future use. See Section 11.8, Favorites, for more information.

11.7.3 Viewing Read Details

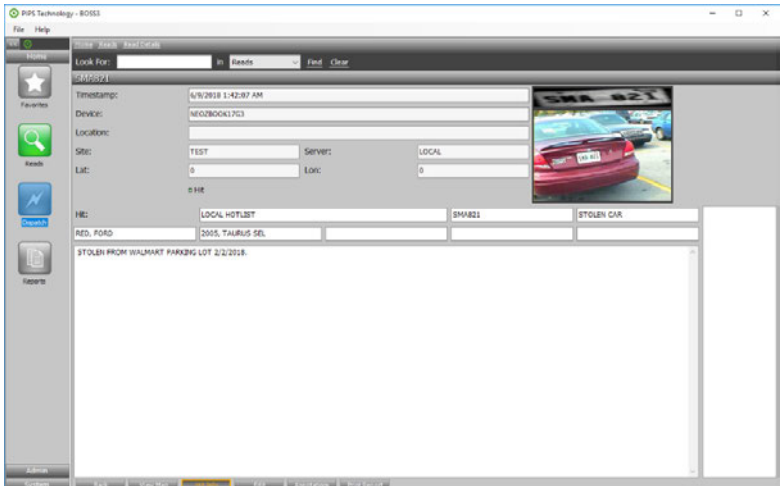
Click a row in the query results to view the details of the record.

The Read Details screen displays the license plate text in the title. The timestamp, originating device, site, and geographical coordinates are displayed below. The plate patch and vehicle color overview images are on the right.

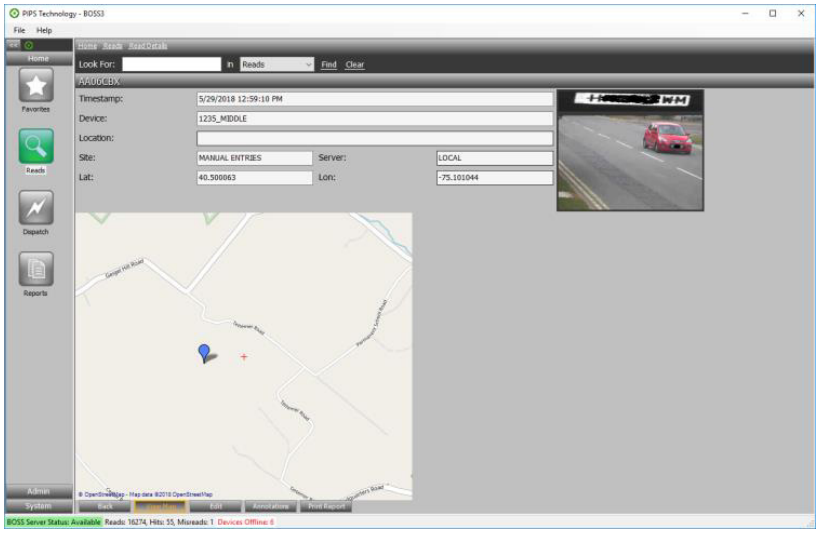


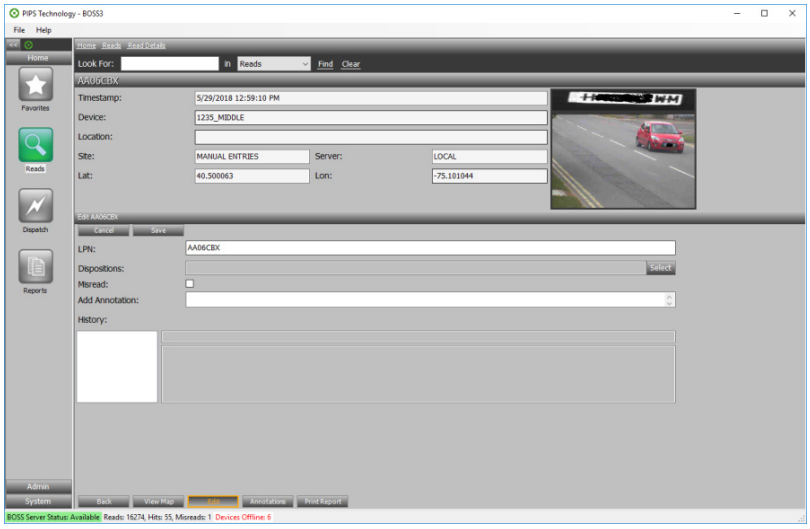
The vehicle color overview picture can be enlarged by clicking on the picture. Use a mouse scroll wheel or the cursor up and down keys to resize the image. Left-click on the enlarged image to close. Right-click on the image to copy the image to the Windows Clipboard.

If the read is a hit, details of the hit can be displayed by clicking on the Hit Info button at the bottom of the screen.

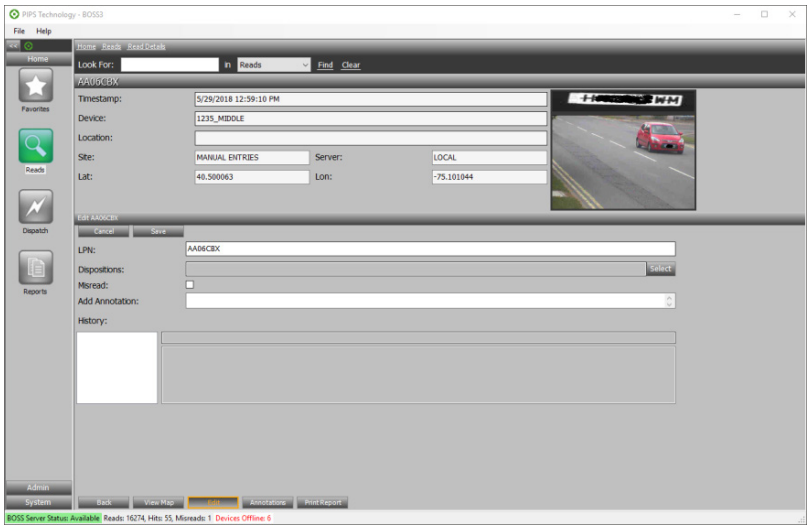


A map plotting the location where the read occurred can be displayed by clicking on the View Map button.

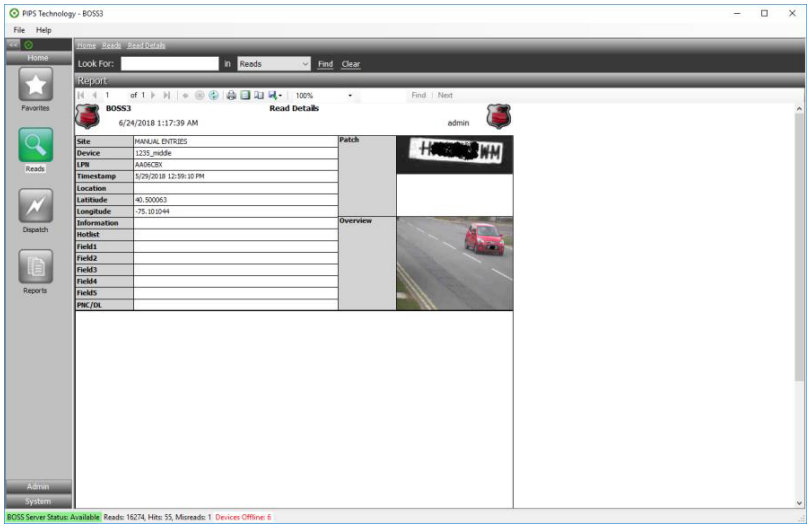




Use the Edit button to correct the plate text and/or assign a disposition and annotation to the read. Click on Save to save the changes. The plate text can also be marked as misread if the read information is found to be incorrect.



Annotations associated with the read can be viewed by clicking on the Annotations button.



A report containing the read's details can be printed by clicking on the Print Report button.

11.8 Favorites

Favorites are read queries that use specified criteria, which have been saved. Favorites can be reused, which allows the user to quickly perform frequently needed queries without having to define the parameters each time. Favorites are specific to each user.

11.8.1 Creating a New Favorite

1. Select **Home** on the Shortcut bar to access its icons.
2. Click on the **Read** shortcut.
3. Enter the desired query parameters in the Browse/Edit area (e.g., data range, location, radius, servers).
4. Click the **Go** button to run the query.
5. When the query results window appears, click the **Save Query** button.
6. A dialog box will appear, prompting for a name. Enter a descriptive name for the new favorite.
7. Select the Use Relative Date Range option if desired.

   Use Relative Date Range Option – If this option is selected when saving a query, and when the resulting favorite query is run in the future, it will use a From and To date and time range relative to the From and To date and time entered for the original query. It will not use the actual range entered in the original query. Also, it is important to remember that the time span between the From and To date and the time range used is relative to the date and time when the original query was run.

   Consider a query that is saved as a favorite and originally defined on 8/9/20xx to search reads between 8/02/20xx and 8/8/20xx (the prior week). If the Relative Date Range option is selected, the query is saved to always run against the prior week rather than those actual dates. If the Favorite option is invoked on 12/3/20xx, it will return results from 11/26/20xx through 12/2/20xx. It is important to note that the results will be relative to the actual time of the original query and when it is rerun. Suppose you run a query at 5 pm today to search for reads occurring between 9 am and 5 pm and save it as a favorite. When you run the query again tomorrow, it will search for reads that occurred eight hours **before** the current time, which may not necessarily fall between 9 am and 5 pm.
8. Click **OK** to complete. The query definition is now saved as a favorite and can be accessed at any time.

11.8.2 Activating a Favorite

1. Select the **Home** category in the Shortcut bar (if not already selected).
2. Click the **Favorites** shortcut.
3. A listing of all favorites is displayed in the Browse/Edit area.
4. Click the desired favorite. (The selected favorite will be highlighted in yellow.)
5. Click the **Go** button in the bottom area of the Browse/Edit area.
6. The query results will appear in the Browse/Edit area.

11.8.3 Deleting a Favorite

1. Select the **Home** category in the Shortcut bar (if not already selected).
2. Click the **Favorites** shortcut.
3. A listing of all favorites is displayed in the Browse/Edit area.
4. Click the desired favorite. The selected favorite will be highlighted in yellow.
5. Click the **Delete** button in the bottom area of the Browse/Edit area.
6. Press **Yes** to confirm deletion.

12 REPORTS

Several reports are included, automatically, with a new BOSS installation. These reports are available for use as soon as a BOSS Administrator assigns role permissions to the reports.

12.1 Running a System Report

1. Select the **Home** category on the Shortcut bar.
2. Click the **Reports** shortcut.
3. The Browse/Edit area will display a list of available reports. (Reports to which the user does not have permissions are not displayed.)
4. Click the desired report. The selected report is highlighted in yellow. Parameters for the report appear in the bottom of the Browse/Edit area.
5. Select **Date Range**. All reports call for From and To dates to define the time range for the report data. By default, the values in these fields define a report for the most recent two weeks. You can change these dates by typing different information into these fields, using the **Up/ Down** arrow keys to the right of the field or by clicking the **Select** button to the right of the field and selecting a date on the calendar and then clicking the **Save** button.
6. Some reports also permit you to filter report results by user(s). For example, the pictures report, which reports pictures taken in PAGIS, allows you to define one or more users to report on.
7. Once desired parameters are selected for the report, click the Go button. The report screen immediately displays, indicating that the server is generating the report until results are displayed.

12.2 Viewing and Printing Reports

The Report screen displays the date and time the report was generated and the title of the report in the heading area. When you place your mouse above a shortcut on the Report Shortcut bar, a label appears indicating what the shortcut button does. Note that some of the buttons on the Shortcut bar are not relevant to BOSS reports and are therefore disabled.
The Report Results Shortcut bar icons are as follows:



First Page – Return to the first page of the report.
Previous Page – Go to the previous page of the report.
Page Input – In this text box, type in a particular page number to bring up on screen.
Next Page – Go to the next page of the report.
Last Page – Go to the last page of the report.
Stop Rendering – This button can be used to cancel the report processing. This can be helpful if a large report was initiated, but is no longer desired.
Refresh – Refresh the report using the most current BOSS data.
Print – Print the report.
Print Layout – Toggle between available print layouts.
Page Setup – Choose among the options for standard page setup, such as page orientation, and paper size.
Save As – Excel/PDF/Word – Save the current results to a Microsoft Excel (.xls), an Adobe Portable Document Format (.pdf) or a Microsoft Word (.doc) document.
Width Zoom Setting – This drop-down list allows you to select a zoom view for the report results on the screen.

12.2.1 Viewing the Login Statistics Report

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Devices** shortcut.
3. Click the **Logs** button at the bottom of the screen.



4. Click **Go** to view the Login Statistics Report.
   Begin Date – Select the start date for the report.
   End Date – Select the end date for the report.
   Selected Users – Select the users to include in the report. Click the **Select** button. Click the checkbox of the desired user. Click on the **Save** button.

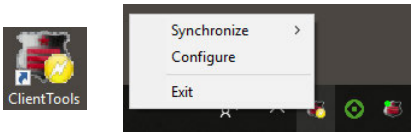
13 CLIENT TOOLS

The Client Tools utility is used to transfer any necessary files needed for a shift from BOSS to an PAGIS system that is being run in the Disk Sync mode. After the completion of a shift, Client Tools can then be used to transfer read data files captured during a shift into BOSS. The utility is configurable and processes files stored on a local, network, or USB flash drive. Like Smart Client, the Client Tools utility does not have to be run on the BOSS server; it can be configured to access the server via an IP Address.

Client Tools does not have a customary interface. Once the utility is started, the Client Tools icon will appear in the Windows System Tray.

Before use, Client Tools must be configured, which is described in Appendix 17. Once the Client Tools has been configured, it can now be used to synchronize information between BOSS and PAGIS:

1. To start, right-click on the **Client Tools** icon.

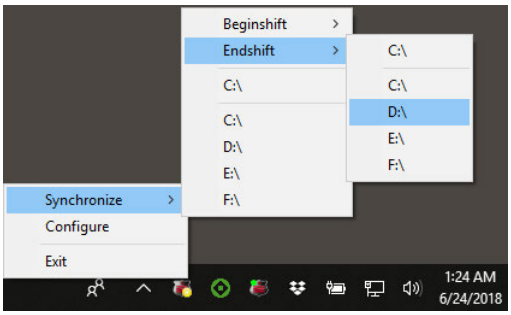


2. Select **Synchronize**. The next menu displayed is divided into three sections.

   a. The first section allows the user to select either **Create Begin Shift Files or Synchronize End Shift Files**. When either option is selected, the next menu is displayed. It is divided into two sections; it is the bottom two sections of the previous menu and functions the same way.

   b. The second section displays the path defined during configuration. This is a shortcut to perform Begin Shift and End Shift at the same time, storing the Begin Shift files in the defined location and processing the End Shift files at the defined location. If there are no End Shift files to process, this feature will be complete after the Begin Shift file is created. No error message will be displayed if the End Shift files are not found.

   c. The last section lists the drive letters currently on the workstation. If one is selected, Client Tools will perform a Begin Shift first and store the files at the root of the drive selected. Then Client Tools will check to see if there are End Shift files at that location. If found, the files will be processed. If not found, the synchronization process is complete. No error message will be displayed. This is an additional option if the configured drive is not currently available.



Note that once End Shift files have been processed, they are deleted.

14 ARCHIVING DATA

It is possible to archive reads that have accumulated in the BOSS database. Based on settings that are configurable in System Parameters, reads that meet the specified criteria are transferred from the main BOSS database to an archived BOSS database. *(See Section 15.3.2, List of BOSS System Parameters, for additional information on configuring this feature.)*

Once enabled, this process is handled by the BOSS server. There should be no noticeable difference to a user logged into a BOSS Smart Client when reviewing or reporting on stored reads. The only indication in the BOSS Smart Client that reads have been archived will be on the BOSS Home screen. The user will be able to see a calculable difference between the reads and hits counts compared to the total reads and total hits counts. The difference between the values will be the number of reads and hits stored in the archived database.

15 SYSTEM SETTINGS

15.1 Sessions

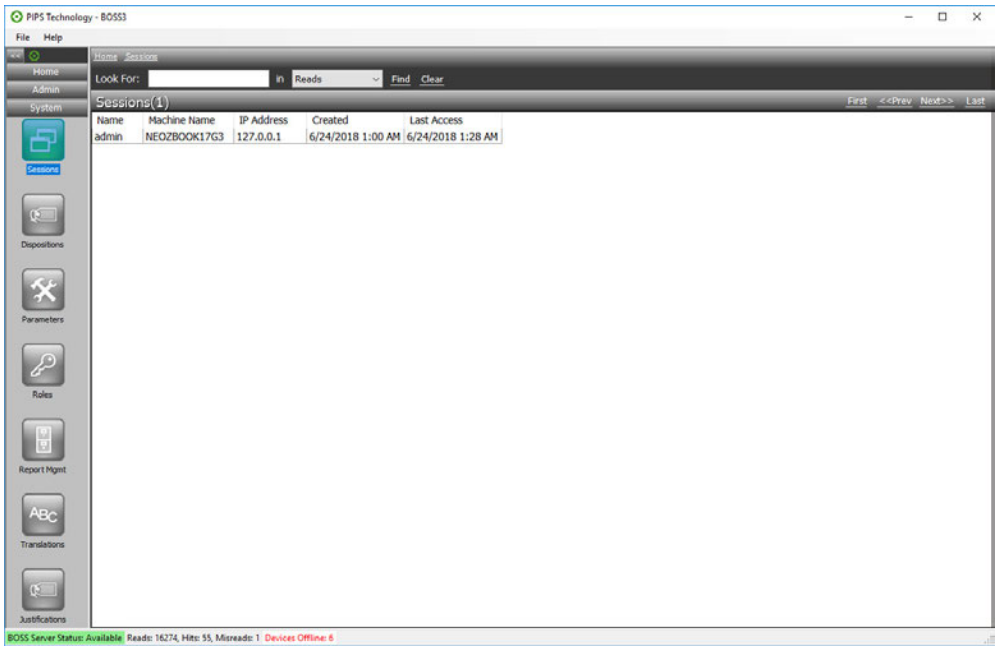
The Sessions screen allows for viewing the current list of logged-on BOSS users. Each login on each computer utilizes a concurrent license of the software. Since BOSS is licensed per concurrent active session, a BOSS Administrator may need to have a session disconnected in order to release a session license. A BOSS Administrator can force a session disconnect in the Sessions screen.

Note: BOSS allows a single "admin" login to access BOSS even if the number of concurrent sessions has been exhausted. Please see Section 2.1, BOSS Administrator Login, for more information about the "admin" username.

15.1.1 Viewing and Disconnecting Sessions

1. Select the **System** category on the Shortcut bar.
2. Click the **Sessions** shortcut. A list of current user sessions appears in the Browse/Edit area.
3. The heading in the Browse/Edit area indicates the total number of current sessions.
4. Click on a session to see details in the bottom half in the Browse/Edit area.
5. To disconnect, click the **Disconnect** button that appears in the detail area, and click **OK**.

Note: You cannot disconnect your own session in this manner. To disconnect your own session, simply log off the BOSS application.



15.1.2 Workstation Power Management and Sessions

Using Windows Power Management to hibernate or suspend a workstation running the BOSS Smart Client will cause the session in BOSS to be terminated after five minutes. When the workstation is resumed from hibernation or a suspended state, the user will have to log in to BOSS again.

15.2 Dispositions

Dispositions are pre-defined classifications that can be assigned to hits. “Arrest Made,” “Vehicle Recovered,” “Surveillance Established” are examples of dispositions. A BOSS Administrator is able to define any number of dispositions for her system. Users can then use those dispositions to specify the action taken or the status of the hit. A new BOSS system will have a Default Disposition category that includes one disposition of “No Action.” Additional categories can be defined as needed.

15.2.1 Defining a New Disposition

1. Select the **System** category on the Shortcut bar.
2. Click the **Dispositions** shortcut. A list of all current dispositions appears in the top of the Browse/Edit area.
3. Click the **New** button in the bottom of the Browse/Edit area.
4. Enter a name for the disposition. If adding it to the default category, simply enter the name of the disposition. If adding it to a new category, the format of the name should be [Category : Disposition Name], i.e., **Auto :Vehicle Recovered**.
5. Enter a **Description** for the new disposition.
6. Specify a **Priorit**y for the disposition. (A lower number means a higher priority.)
7. Select the **Back Office Only** option if the disposition should not be available only in the Correct Reads screen in BOSS, and not exposed in PAGIS.



15.2.2 Deleting a Disposition

1. Select the **System** category in the Shortcut bar (if not already selected).
2. Click the **Dispositions** shortcut.
3. A list of all dispositions is displayed in the Browse/Edit area.
4. Click the desired Disposition. The selected disposition will be highlighted in yellow.
5. Click the **Delete** button in the bottom area of the Browse/Edit area.
6. Press **Yes** to confirm deletion.

15.3 System Parameters

System Parameters allow for configuration parameters for a BOSS system. System parameters only need to be configured during initial system configuration and normally do not need to be modified again after that.

15.3.1 Editing System Parameters

1. Select **System** from the left Shortcut bar.
2. Click on the **Parameters** button in the Shortcut bar.
3. Click on the desired parameter in the right Browse/Edit window. The bottom pane of the Browse/Edit window will display the entry field for the selected parameter.
4. Modify the parameter value as desired and click the **Save** button.

15.3.2 List of BOSS System Parameters

arc_ActiveRetentionDays – This setting dictates how long reads will be maintained in the BOSS database. After reads have been stored for this time, they will be moved to the archived database, creating space for additional reads in the main database. The default setting is 730 days but can be varied based on the size and needs of the system.
arc_ArchiveDBRetentionDays – This setting dictates how many days to retain an archived database. After an archived database has been stored for this time it will be removed, creating space for additional archived databases. The default setting is 0 days, which indicates that the archived databases will never be removed, but the number of days can be modified based on the size and needs of the system.
arc_DatabaseLocation – This setting allows the user to specify where the archived databases should be saved. A blank entry will save them in the SQL default location.
arc_Enabled – To allow the BOSS server to archive aged reads and free up space, enable archiving by setting this to 1. When archiving is not desired, this setting should be 0.
arc_EndOfMonthCutOff – This setting forces a restriction on the size of the archived databases, so that nothing will be added after the end of each month. The default setting is disabled (0). To enable the setting, change the value to 1.
arc_MaxSize – This setting allows the Administrator to determine the number of reads that can be stored in the archived database. The default value is 1 million and can be varied based on the size and needs of the system. Once an archived database has reached this maximum number of records, a new archived reads database will be created.
audit_Justification_FileNumberRequired – When this setting is enabled (1), users performing read queries are required to enter a file number.This information will also be listed in the audit report. The default setting is disabled (0).
audit_Justification_NotesRequired – When this setting is enabled (1), users performing read queries are required to enter a justification note. This information will also be listed in the audit report. The default setting is disabled (0).
audit_JustificationEnabled – When this setting is enabled (1), users performing read queries are required to select a pre-defined justification. This information will also be listed in the audit report. The default setting is disabled (0).
data_CaptureUsageStatistics – When this setting is enabled (1), information sent from a PAGIS device that has been modified due to Privacy settings will still be utilized to generate usage statistic reports. The default setting is disabled (0).
hls_HotListDeltas – When this setting is enabled (1), updated hotlists will be deployed in full. Changing the setting to disabled (0) will cause only the changes made in the updated hotlists to be deployed.
Password_Expiration_Days-Number of days a password is allowed to remain unchanged. Value “1”=enabled, “0”=disabled.

15.3.2 List of BOSS System Parameters (continued)

Proxy_uri/proxy_username /proxy_password/proxy_domain – These settings are only necessary if there is a proxy server involved that requires authentication for connection. Enter a valid Uniform Resource Identifier (URI), username, password, and domain in the associated fields to allow communication through the proxy server. Consult the network Administrator for proxy authentication information

purge_Minutes – This setting is the time, in minutes, between each session of purging or archiving. The default value is 15 minutes and is configurable to any value of 1 minute or greater.

purge_ReadCount – This setting is the number of records to be processed by the purging or archiving process per session. It can be any value, but setting it according to system limitations is recommended because the process can be resource intensive if set too high.

readQuery_fromDate – This setting allows the user to adjust the default From date on the Reads Query screen. Any value can be entered and it is used to decrement from today. Example – a value of 7 would result in a from date seven days earlier than today.

readQuery_toDate – This setting allows the user to adjust the default to date on the Reads Query screen. Any value can be entered and it is used to incremented from today. Example – a value of 7 would result in a to date seven days later than today.

Recent_Read_Time- Time in min. of how long to hold reads in the "Recent reads" table for hit evaluation.

Recent_Reads_Amt- Number of records to delete from "Recent reads" if older then Recent read time.

ResendEmailNotice- Resend Offline notification on Fixed Camera after this amount of time has expired.

rq_ReaperHours – This setting manages how long to retain a temporary database table created when running certain read queries. This allows the user to continue to review the results of those queries for a longer time. The default is a minimum of 48 hours, and there is no maximum value.

smtp_AlertTemplate- Default email template, definitions listed in table below.

smtp_SenderName – In order for the BOSS server to send alerts to email addresses, the SMTP settings must be configured correctly. The SMTP sender field should contain the username that will appear in the from field on an email generated by the BOSS system.

smtp_Server – The name or IP address of the SMTP server should be entered here. The name or address used here must be one by which the SMTP server can be reached from the BOSS server. This field must be populated correctly in order for the BOSS system to send any alerts to email addresses.

smtp_SSL – If Secure Sockets Layer (SSL) is used on your SMTP server, the value of this field should be set to 1. If you do not use SSL, this field should be set to 0.

smtp_SubjectTemplate – This field sets the subject line of alert emails generated by BOSS. The following entry in the field incorporates both static text and a BOSS field variable as well: BOSS alert FROM [SRC].

TOKEN	DESCRIPTION	TOKEN	DESCRIPTION
[LPN]	license plate	[FD1]	field1
[STE]	site	[FD2]	field2
[SRC]	device	[FD3]	field3
[LOC]	location	[FD4]	field4
[LAT]	latitude	[FD5]	field5
[LON]	longitude	[PNC]	PNCID/DL
[HOT]	hotlist name	[INF]	information

smtp_UserName/smtp_password – The SMTP username and password fields should contain a valid SMTP username and associated password for sending alerts through the SMTP (email) server. Normally, a BOSS Administrator coordinates with his SMTP Administrator to create a special SMTP user that will be used exclusively for BOSS alerts.

Soap variables- All are now legacy features not currently used.

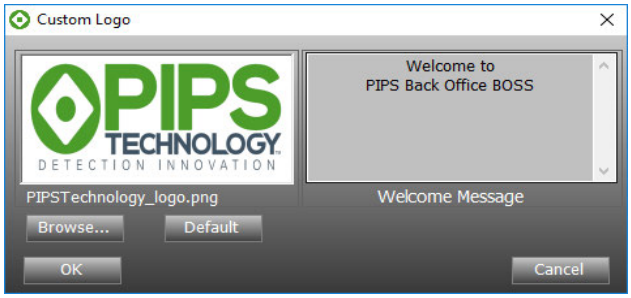
verint_HotlistsMonitored- Enter hotlist by name separated by commas.

verint_NotificationConfigured- Indicates whether the Verint notifier should be used.

15.3.2 Branding

BOSS allows the BOSS Administrator to upload a logo image and a welcome message that is displayed to BOSS users on the Home screen. To define the image and message:

1. Select **System** from the left Shortcut bar.
2. Click on the **Parameters** button in the Shortcut bar.
3. Click on **Branding**.
4. If needed, click **Default** to remove current custom settings.
5. Pick the desired logo image using the **Browse**... button.
6. Type in a message in the Welcome Message box.



Browse – Select an image file (JPEG, GIF, BMP) to be displayed on the home screen. The largest recommended image size is 120 by 380 pixels.

Default – Remove the custom logos and texts.

Welcome Message – A custom welcome message can be typed in here.

7. Click **OK** to save changes, or **Cancel** to discard changes.

15.4 Roles

In addition to the default roles that are automatically created by BOSS, the Administrator can create and configure custom roles as needed. *See Section 4.2, Permissions, for more information.*



15.4.1 Adding New Roles

1. Select the **System** category on the Shortcut bar.
2. 2. Click the **Roles** shortcut. The Browse/Edit area will display a list of existing roles.
3. 3. Click on the **New** button. The New Role entry window will be displayed in the bottom of the window.
4. 4. Enter the name of the new role and assign the desired permissions.
5. 5. Click the **Save** button.

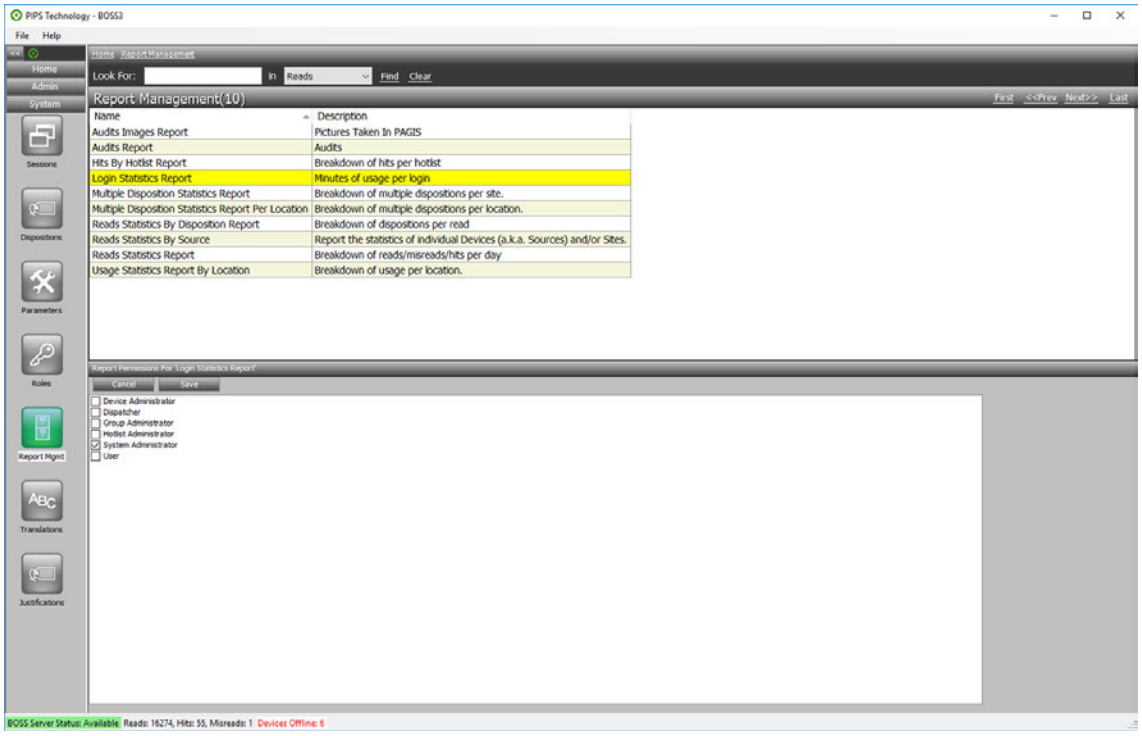
15.4.2 Deleting Roles

1. Select the **System** category on the Shortcut bar.
2. 2. Click the **Roles** shortcut. The Browse/Edit area will display a list of existing roles.
3. 3. Click on an existing role and the edit window will be displayed in the bottom of the window.
4. 4. Click the **Delete** button. Click **Yes** when prompted to complete the operation.

15.5 Report Management

15.5.1 Assigning Permissions to Access Reports

1. Select the **System** category on the shortcut bar.
2. Click the **Reports Mgmt** shortcut. The Browse/Edit area will display a list of available reports.
3. Select a report by clicking the name in the list. The selected report will be highlighted in yellow.
4. Current report permissions for the type of report chosen display in the bottom of the Browse/Edit area. Each BOSS role is listed along with a checkbox. Click a role in the list to select. Click a second time to change an unchecked box to a checked box.
5. After selecting the desired permissions for the report, click the **Save** button.



15.6 Translations

Across various organizations and agencies, terminology related to BOSS can differ significantly. For this reason, a new function added in the BOSS version 3 series gives customers flexibility in naming conventions used in the application. The Translations function provides for changing wording on BOSS screens, which allows a customer to tailor screen labeling to correspond to their own vernacular. Text items in the translations editor correspond to labels on BOSS screens. Authorized users can change these text items as necessary.

Note: This feature is not intended as a replacement for language-specific versions of BOSS. For international versions of BOSS, please contact PIPS™ Technical Support.

15.6.1 Entering a New Translation



1. Select the **System** category on the Shortcut bar.
2. Click the **Translations** shortcut. A list of all current translations appears in the top of the Browse/Edit area.
3. Click the **New** button and the new Translations Entry screen appears in the bottom area.
4. Enter an existing label from the BOSS application in the Caption field, using the exact case and spelling that normally appears on the screen.
5. Enter the desired replacement text in the Translation field.
6. Click the **Save** button to complete the operation.

Note: The user must log off and on again for translation to take effect in the current session.

For Example: A customer preferring to see a label of “Plate” where the software normally uses the term “LPN” would use the translations feature to create the replacement for their installation. The translation Entry Caption field would contain “LPN,” while the Translation field would contain the replacement term “Plate.”

15.7 Justifications

To ensure that sensitive information is being kept secure, systems can be configured to require that users who are performing queries on reads have a valid reason for doing so. Enabling the audit Justification Enabled parameter requires users to justify their reason for querying reads. There are five justifications created by default: Audit, BOLO Post Scan Query, Crime Scene Query, Test and Trend Analysis. These queries will also be documented in audit reports.



15.7.1 Entering a New Justification

1. Select the **System** category on the Shortcut bar.
2. 2. Click the **Justifications** shortcut. A list of all existing justifications appears in the top of the Browse/Edit area.
3. 3. Click on the **New** button. The Justifications Entry screen appears in the bottom area.
4. 4. Enter a justification. There is no validation on the entry for this field.
5. 5. Click the **Save** button to complete the operation.

15.7.2 Deleting Justifications

1. Select the **System** category on the Shortcut bar.
2. 2. Click the **Justifications** shortcut. A list of all existing justifications appears in the top of the Browse/Edit area.
3. 3. Click on the justification to be deleted. The Justifications Edit screen appears in the bottom area.
4. 4. Click the **Delete** button. Click on **Yes** when prompted to complete the operation.

17 APPENDIX: INSTALLATION AND CONFIGURATION

This section is intended for authorized personnel in installation and configuration of a BOSS system. The information in this guide is organized sequentially, in the order that steps would be performed when initially setting up a new BOSS system, with the first section describing the software installation process, and the subsequent sections describing configuration options for a BOSS system.

Upon initial installation of a new BOSS system, the BOSS server application must be configured using the BOSS Controller application. BOSS Administrators may also find the need to modify configuration settings after the system has already been in use. Therefore, the configuration section can be used as an ongoing reference for authorized personnel responsible for maintaining the system.

Note: It is critical that only an IT Administrator or other knowledgeable personnel attempt configuration modifications to a BOSS system. Incorrect configuration settings can cause serious issues with operation and/or adversely affect data integrity. When in doubt, you should consult PIPS Technical Support before making system configuration changes.

OS feature requirements

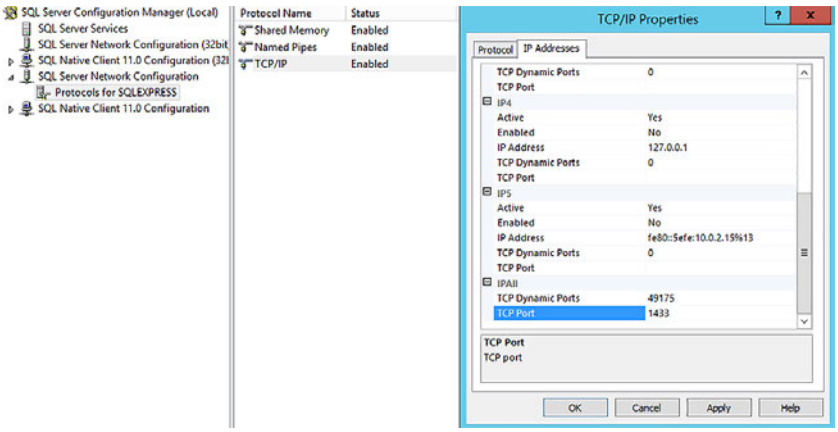
- Windows server 2008 or newer.
- Net. TCP Port Sharing Service must be enabled and running.
- Framework .Net 4.0.

SQL Server Requirements

1. SQL version 2012 or newer required.
2. 2. SQL login account “NT AUTHORITY\SYSTEM” is required to be mapped to Boss3 database as db_owner. For system with existing “Boss3” databases this should be applied prior to Boss software installation. For new installation this can be applied after the Boss service has ran for the first time and created the Boss3 database. See- “Common issues”

Settings under SQL Server Configuration Manger:

3. “SQL Server Network Configurations” Name Pips must be enabled.
4. “SQL Server Network Configurations” TCP/IP must be enabled, with “IP All” set to port 1433.
5. SQL restart required after changes.



17.1 Installing the BOSS Server Application Files

17.1.1 Running the Installer

This guide assumes that the Microsoft SQL Server 2012 or newer instance has already been installed and is available. If the SQL Server is not available, stop now and continue installation after the SQL Server has been installed. To install the Microsoft SQL Server, please follow the instructions provided by Microsoft.

Note: 1. It is recommended that antivirus utilities be disabled during the install.

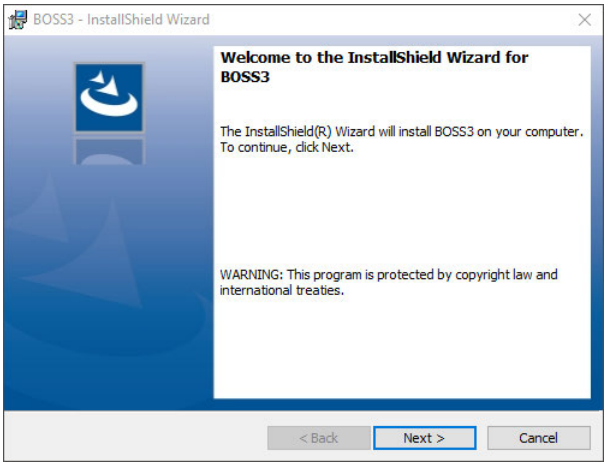
To commence the installation:

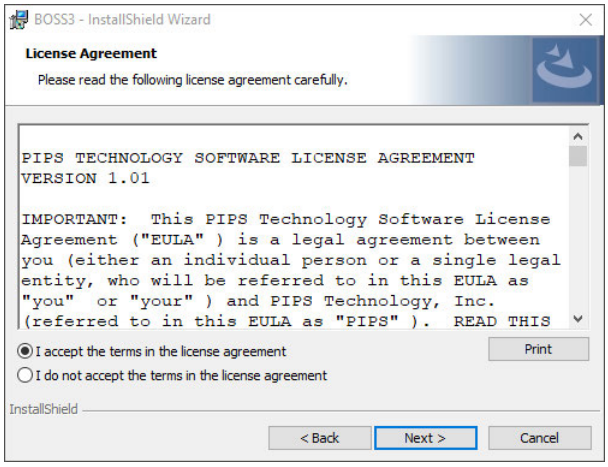
1. Select the link supplied by PIPS to the BOSS installation application.
2. Run the BOSS Setup executable.

Note: Right-click on the installer icon and select Run As Administrator.

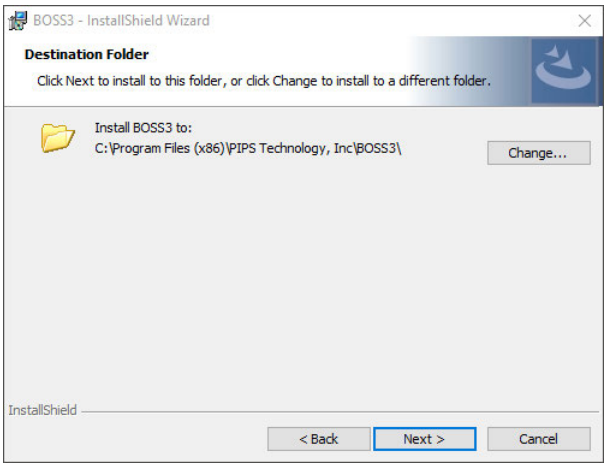
17.1.2 License Agreement

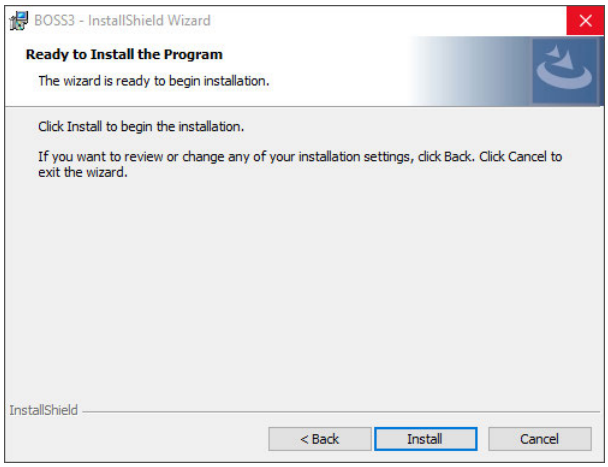
1. Click **Next** then check the license agreement checkbox to acknowledge agreement with the license terms.
2. Click **Next** to continue.



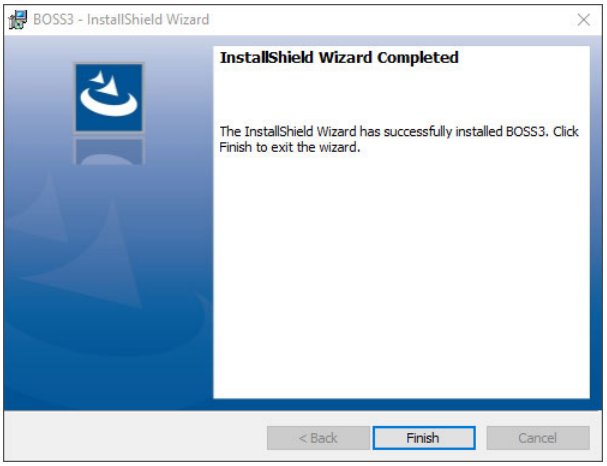


3. Accept the default installation file path or change.
4. Click “Next” to proceed to “Install”





5. When the Installation Complete message is displayed, click **Finish** to proceed to the Licensing.

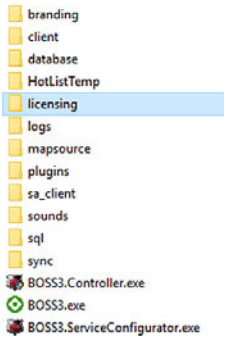


17.2 License Key Management

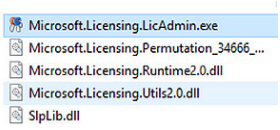
17.2.1 Activating the License Key

Following a new installation, a valid BOSS license key must be entered. There are three options available discussed in the sections below that can be used to activate the license. For upgrades or reinstallation on same server this step is not required as the licensing tool will automagical re-acquire the licensing code.

1. Navigate to the licensing folder in the BOSS3 installation folder.



2. Start Microsoft License Manager (Microsoft.Licensing.LicAdmin.exe). This must be run as an Administrator.



3. In the License Manager User interface, select **File → Activation Wizard** to install the new license
4. When the Activation Wizard dialog opens select one of the following:
   a. I want to activate the software over the Internet. *See Section 17.2.1.1.*

   or

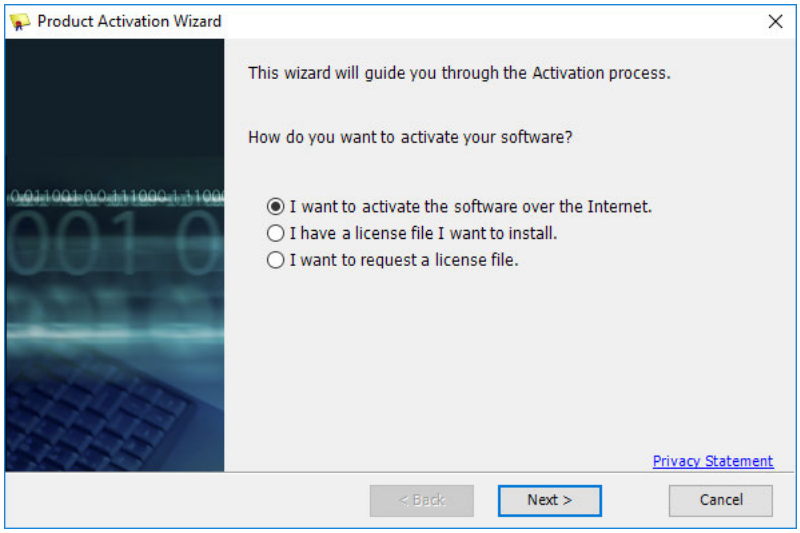
   b. I have a license file I want to install. *See Section 17.2.1.2.*

   or

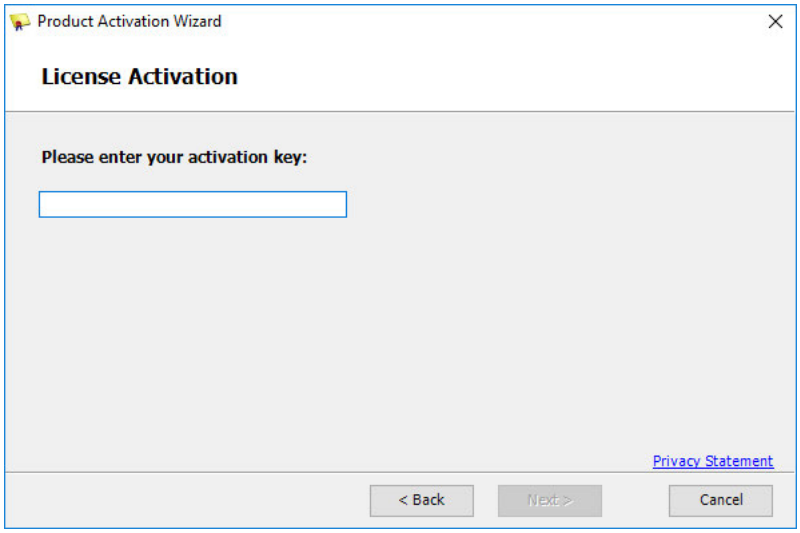
   c. I want to request a license file. *See Section 17.2.1.3.*

17.2.1.1 Activating the License Key over the Internet

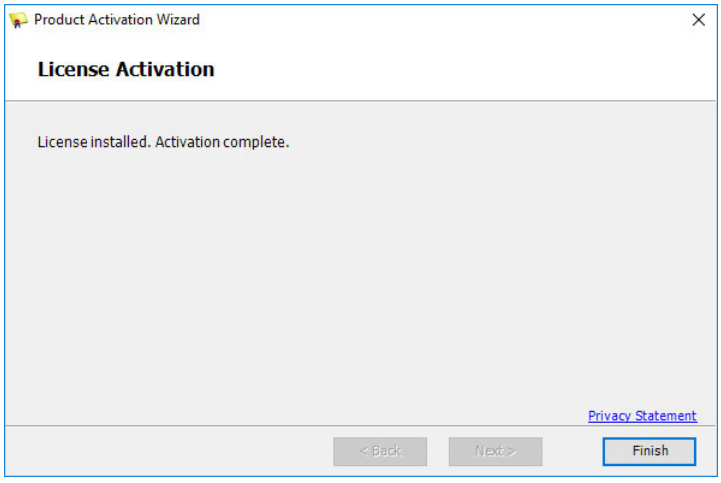
1. Check **I want to activate the software** over the Internet.
2. Click **Next** to continue.



3. Enter the activation key provided by PIPS and click **Next**.



4. The license key will be activated over the Internet. The following screen will display. Click **Finish** to continue.



17.2.1.2 Activating the Software with a License File

1. Check I have a license file I want to install.
2. Click **Next** to continue.
3. Navigate to the location of the license file and select it.
4. Click **Next** to continue.
5. When the activation is completed click **Finish**.

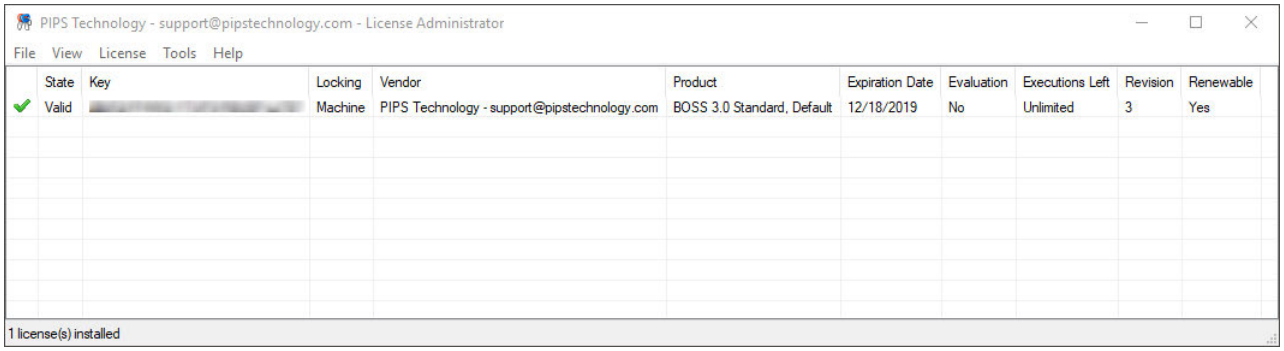
17.2.1.3 Request a License File to Activate the License

1. Click **I want to request a license file**. Press Next.
2. Enter the license key you received previously. Press **Next**.
3. In the screen that displays, copy the text block highlighted (starts with "—BEGIN Request") to the clipboard and paste it into an email. Send the email to PIPS Technical Support (support@pipstechnology.com).
4. Close the Activation Wizard by clicking the **Finish** button.
5. You will be sent an activation file via email. Extract the license file (*.bin) and copy it to a folder on the computer where BOSS is installed. Return to Section 17.2.2 and follow the steps to activate the license.

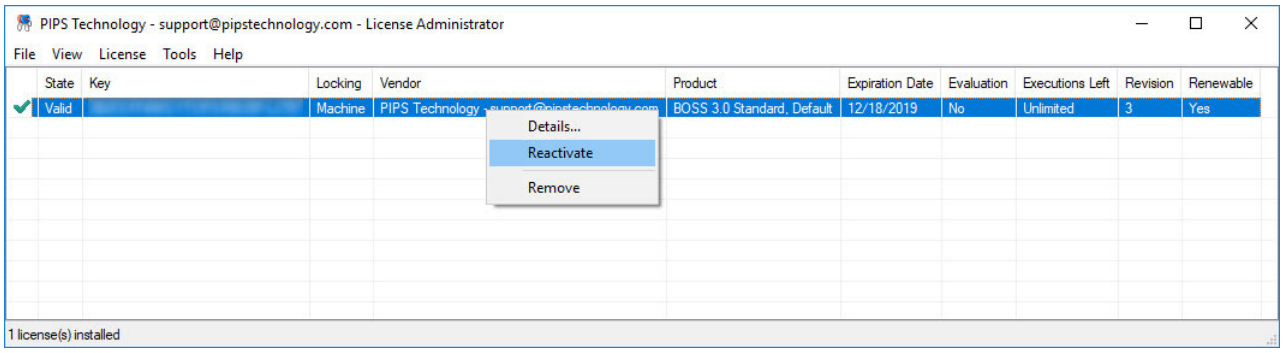
17.2.2 Updating a License Key

If the BOSS license key becomes invalid, or if the license is upgraded, follow these steps to reactivate a BOSS license key:

1. Start Windows Explorer on the BOSS server.
2. Navigate to the folder where the BOSS server application is installed (by default C:\Program Files\PIPS Technology, Inc\BOSS3).
3. Locate the licensing folder as described in Section 17.2.1.
4. Open the folder and right click on the application Microsoft.Licensing.LicAdmin.exe. Select to run as the Administrator. You will see the following screen:



5. Select the license key. Right-click, and from the context menu, select Reactivate.



6. Click Next.
7. When the Installation Complete message is displayed, click Finish.

17.3 Map Display Options with BOSS

BOSS can display collected plate read information plotted on a map. There are two different mechanisms for displaying maps within the BOSS Smart Client application.

17.3.1 U.S. Census Bureau TIGER Maps

U.S Census Bureau TIGER Maps now discontinued.

17.3.2 Advanced Mapping with Internet Maps

PIPS provides an option to purchase an “Advanced Mapping” feature with BOSS. This option enables integration of Maps, an Internet-based service that BOSS can use to display maps in the Smart Client application.

Note: In order to use Advanced Mapping, the BOSS Smart Client will need an unimpeded Internet connection.

17.4 Configuring the BOSS Server Application

After the BOSS installation is completed, the application must be configured using the BOSS Controller program. The following sections explain how to use this program as well as the configuration settings that are available.

17.4.1 The BOSS Controller Application

17.4.1.1 Starting the Boss Controller

BOSS Controller (BOSS3.Controller.exe) is the application used to configure and control the BOSS service. The BOSS Controller is installed on the server computer along with the server application. After the installation is complete the Controller program will start automatically. If this is a new installation the license will need to be activated first. Choose to configure BOSS at a later time by clicking on Cancel.

The shortcut to the BOSS Controller program can be found on the desktop or in the All Programs → PIPS Technology → BOSS3 menu. Right-click on the Controller icon and select Run As Administrator. When the BOSS Controller program is started an icon for the application will appear in the Windows System Tray at the lower right corner of the desktop.

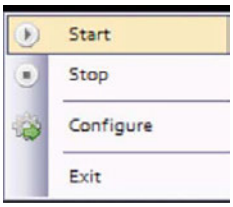


17.4.1.2 Status Colors

The icon for the Controller program includes a “traffic light” that uses a color indicator to show the status of the BOSS service application. When the BOSS service application is running, the indicator is green. When the BOSS service application is not running, the indicator is red. Yellow color indicates that the application is changing state (starting or stopping).

17.4.1.3 Right-Click Menu

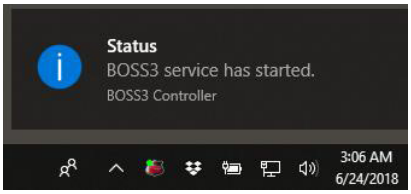
When you right-click the BOSS Controller System Tray icon, a pop-up menu will appear:



Start	Start the BOSS service.
Stop	Stop the BOSS service.
Configure	Present the BOSS Configuration Wizard.
Exit	Close the BOSS Controller application. (Note: This closes the BOSS Controller program, but does not stop the BOSS Service.)

17.4.1.4 Starting the BOSS Service

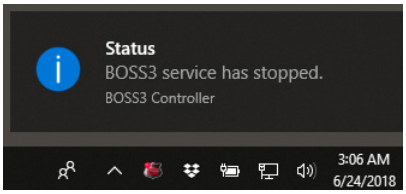
When the **Start** action is selected, and the service starts successfully, a Success message will be displayed:



The traffic light in the BOSS Controller icon will turn green to indicate the status.

17.4.1.5 Stopping the BOSS Service

When the **Stop** action is selected, and the service stops successfully, another Success message will be displayed, and the traffic light changes to red:

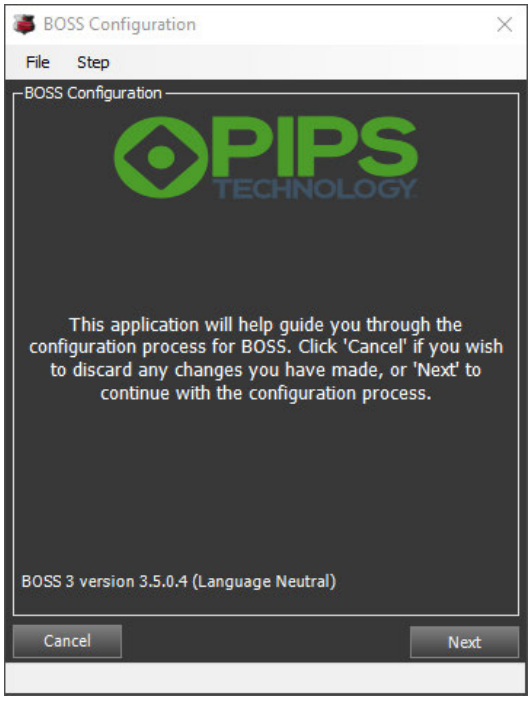


17.4.2 BOSS Configuration

17.4.2.1 Activating the Configuration Wizard

1. Right-click the **Controller System Tray** icon.
2. Select the **Configure** option. The Configuration Wizard options are explained in the following sections.

17.4.2.2 BOSS Configuration Wizard



Step through all configuration screens in the BOSS Configuration Wizard by simply clicking the **Next** button on this first screen. Click **Next** on each subsequent screen after entering in the desired settings. Note: This step-by-step process is recommended when you are configuring the system for the first time.

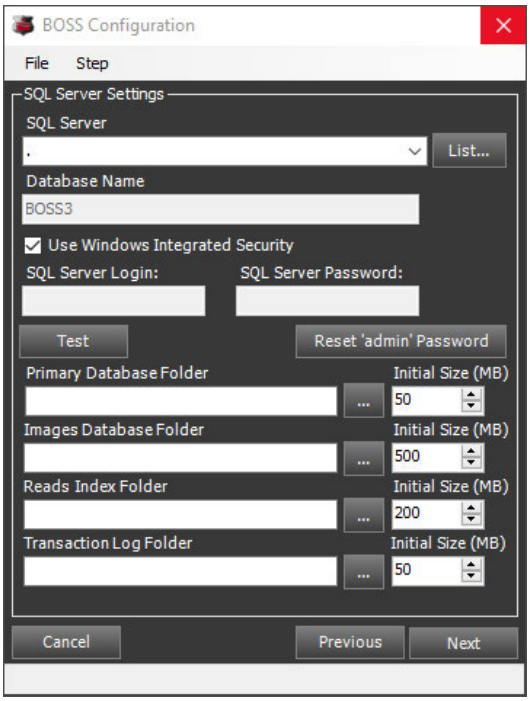
OR

Click the **Step** menu option to access the configuration menu and proceed to the step choice.

For each configuration step (described in Sections 17.4.2.3 – 17.4.2.9), clicking **Next** will take you to the next configuration screen, clicking **Previous** will take you to the previous one, and clicking Cancel will clear any changes you have made on the current screen.

17.4.2.3 SQL Server Configuration

SQL Server configuration is required for a new BOSS system, in order to specify the location and necessary authentication information for the SQL database.

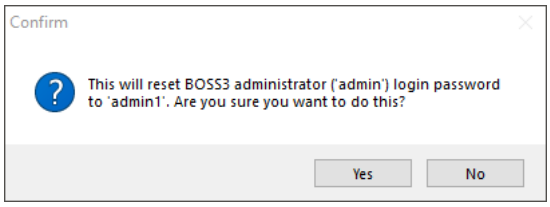


SQL Server – Select the SQL Server instance for BOSS. Press **List** to choose from a list of available SQL Servers. The SQL Server Browser service must be running at this point. You may also type in the server IP address or host name. Enter a dot "." to use a local SQL Server that is running on the same machine as the BOSS service.
Use Windows Integrated Security – If checked, BOSS will use Windows Integrated Security to access the SQL Server database.
SQL Server Login and SQL Server Password – If Windows Integrated Security is not selected, enter the SQL Server username and password provided for BOSS to use to access the database.
Test – The **Test** button can be used to test the SQL Server settings currently in place. The Test button initiates a connection. A message box will appear to indicate whether the test connection fails or succeeds.
Database file locations: BOSS database can be divided among multiple locations as follows if necessary. When selecting a folder path for the database files keep in-mind that the folder path is referenced from the standpoint of the SQL server location.
Primary Database Folder – The drive and folder where the BOSS primary database will reside.
Images Database Folder – The drive and folder where the BOSS will store images.
Reads Index Folder – The drive and folder where BOSS will store database indices for stored plate reads.
Transaction Log Folder – The drive and folder where BOSS will store the database transaction log file.
Initial Database Sizes - By Default Boss will predefines the sizes as indicated in the controller.



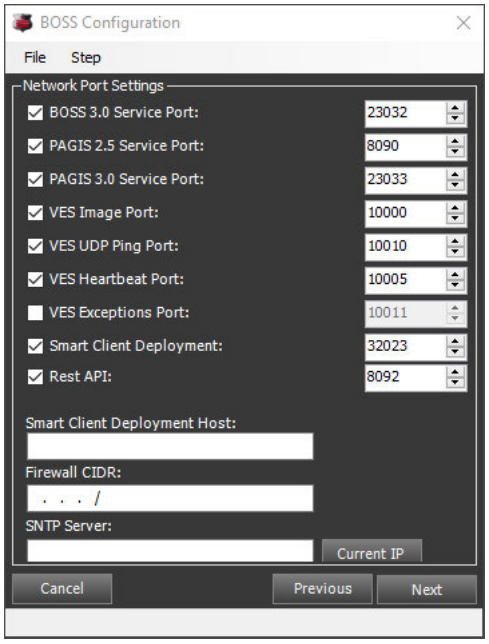
17.4.2.4 Resetting the Administrator Password

If you have forgotten the BOSS administrator (admin) password, you can press the **Reset 'admin' password** button to reset the password to "admin1."



Pressing **Yes** will immediately reset the password.

17.4.2.5 Network Port Settings



BOSS uses a number of TCP/IP and UDP network ports for communication between server and client applications and server and license plate reading devices.

17.4.2.5 Network Port Settings (continued)

FIELD	DESCRIPTION	DEFAULT PORT
BOSS 3.0 Service Port	TCP/IP port used to provide access for BOSS Smart Clients	**23032**
PAGIS 2.5 Service Port	TCP/IP port used to provide access for older mobile client versions older than Pagis 2.6.8	**8090**
PAGIS 3.0 Service Port	TCP/IP port used to provide access to various mobile client versions	**23033**
VES Image Port	TCP/IP port used to receive reads from fixed cameras	**10000**
VES UDP Ping Port	UDP port used to receive keep alive ping messages from fixed cameras	**10010**
VES Heartbeat Port	TCP/IP port used to receive heartbeat status messages from fixed cameras	**10005**
VES Exceptions Port	TCP/IP port used to receive exceptions messages from fixed cameras	**10011**
Smart Client Deployment	TCP/IP port used for BOSS client installations via BOSS server	**32023**
REST API Port	HTML port used for the communication between the BOSS service and newer versions of PAGIS	**8092**

If the checkbox in front of the port name is left unchecked, the corresponding connection will be disabled.

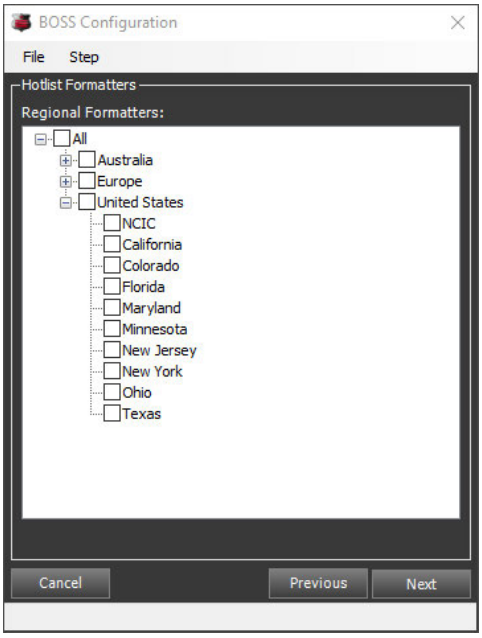
Smart Client Deployment Host – If this information is entered, BOSS Smart Clients will use the given hostname to distribute the smart client application. This can be left blank to use the local host name.

Firewall CIDR – BOSS provides a built-in firewall for incoming fixed camera connections. If a value is entered, only cameras with an IP address matching the CIDR will be allowed to connect. CIDR (Classless Inter-Domain Routing) is a standard industry method for specifying a range of included IP addresses. The format of the CIDR entry is A.B.C.D/N, in which the dotted decimal portion before the "/" is interpreted, like an IPv4 address, as a 32-bit binary number that has been broken into four octets. The value of N indicates the number of shared initial bits, counting from the left-hand side of the address.

For Example: For an entry of 10.200.200.255/24, the CIDR value 24 leaves 8 bits that can be changed. Therefore, addresses 10.200.200.x are permitted addresses.

SNTP Server – BOSS has a built-in time service. The fixed ANPR/ALPR cameras do not support automatic daylight savings time (DST) adjustment. The BOSS time service provides a customized SNTP service for these cameras in order to support DST. To use the built-in time service, Windows Time Service has to be disabled in the Services Control panel, and the BOSS time server IP address entered in this field.

17.4.2.6 Regional Hotlist Formatters

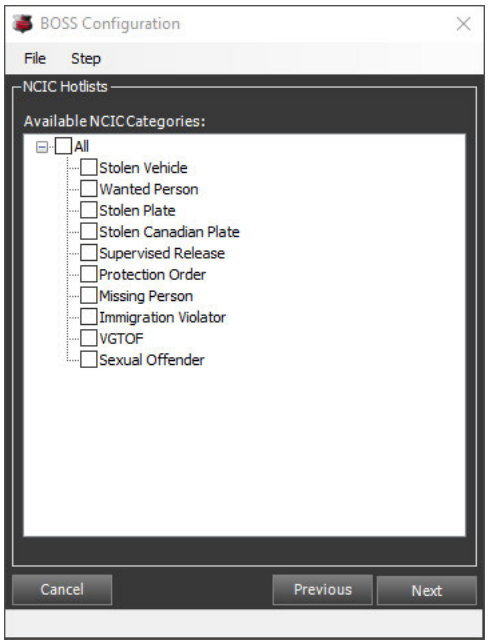


The BOSS allows the selection of predefined hotlist formatters. These formatters define the input format (structure) of hotlist data files. Custom formatters can be defined via the BOSS Smart Client application *(see Section 13 of this manual for more information)*. Also, when installing BOSS in the United States, National Crime Information Center (NCIC) data formatters can be selected for specific states (see section following).

To select or unselect formatters, click on the formatter title to add or remove a check mark. Additional formatters can be added to a system as needed. These will be provided by PIPS Technical Support upon request.

17.4.2.7 NCIC Hotlist Formatters

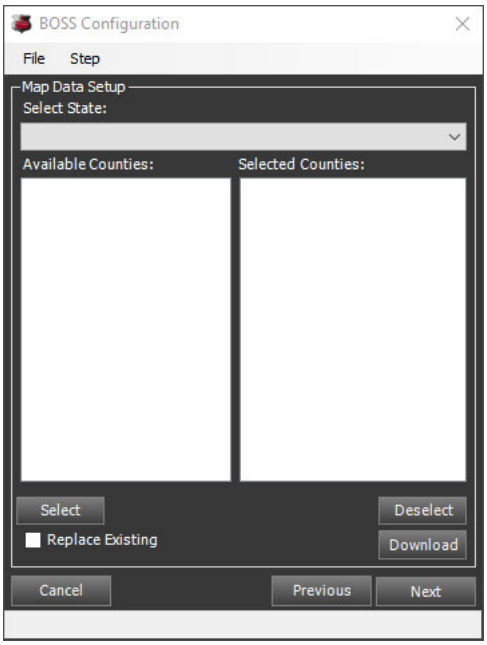
BOSS supports hotlist import in the United States National Crime Information Center data format. This option is available only in the United States.



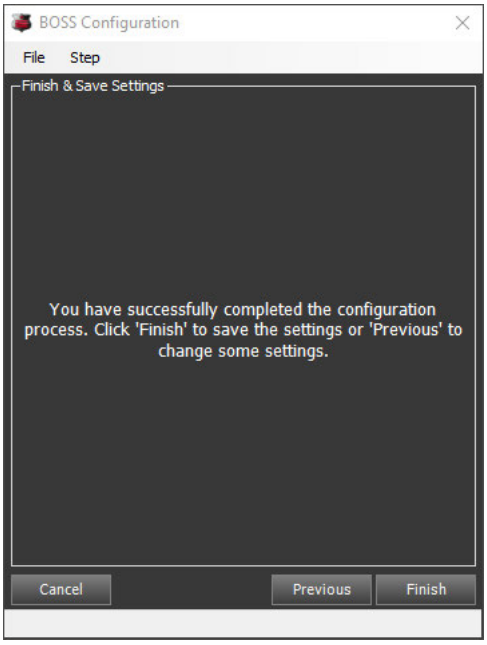
To configure formatters for the desired categories, check those categories. Once the desired categories have been selected, press **Next** to proceed.

17.4.2.8 Map Data Setup

U.S Census Bureau TIGER Maps now discontinued. Do not utilize this section, click “Next”



17.4.2.9 Finishing Configuration



Click **Finish** to complete configuration. BOSS will save the chosen configuration.

17.5 Installing the BOSSUI Smart Client Application

17.5.1 Installation over the Web

To initiate a web installation on a workstation, start up Microsoft Internet Explorer and navigate to this web address: **http://{boss_server_ IP_address}:32023/publish.htm**, where {boss_server_IP_address} is the address of the server running the BOSS server application.

For Example: To install the Smart Client on the BOSS server itself, navigate to http://127.0.0.1:32023/publish.htm. The installation webpage will be presented. The advantage of installing the Smart Client over a web browser is that the application will automatically check for updated versions every time it is started.

17.5.2 Stand-Alone Installation

The BOSS Smart Client is a zero-administration desktop application meant for administration of the BOSS server application and querying data collected in the BOSS database as described in this manual. The BOSS Smart Client is installed as a single executable program. This program can be copied to any Windows workstation, or to a shared network drive.

To install the stand-alone application:

1. Start Windows Explorer on the BOSS server.
2. Navigate to the folder where the BOSS server application is installed (**by default C:\Program Files\PIPS Technology, Inc\BOSS3**)
3. Locate folder **sa_client.**
4. Copy the **sa_client** folder to the workstation or shared network folder of choice.

17.6 Configuring Client Tools

Client Tools is used to transfer any files needed during an Pagis shift from BOSS to an Pagis system that is being run in the Disk Sync mode. *See Section 13, Client Tools, and the Pagis Software User's Manual.*

Client Tools does not have a customary interface. Once the utility is started, the Client Tools icon will appear in the Windows System Tray. Before use, Client Tools must be configured and can be quickly completed with the simple configuration wizard provided:

1. To start the wizard, right-click the icon and select **Configure**. The initial screen provides information about the tool.
2. Click **Next** to continue the configuration, or **Cancel** to exit the wizard.
3. Enter a path so that Client Tools knows where to store the files it creates and where to look for files to process. This path can be a local, network, or external drive. Enter the path or click on the … button and browse to the location.
4. If the Begin Shift files that Client Tools creates need to be encrypted, click **Encrypt Output**. Click **Previous** to return to the previous screen, or click **Next** to continue.
5. The data used to create the Begin Shift files is created and managed in BOSS. Client Tools needs to know where the BOSS Server is located. Enter the server IP and the port to use to connect to it. Click **Previous** to return to the previous screen, or click **Next** to continue.
6. The final screen provides additional information on how to use the wizard. Click **Previous** to return to the previous screen, or click **Finish** to save the changes and exit.

Common Issues

Missing Permissions on the database user

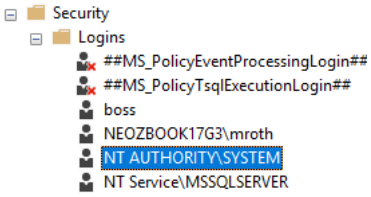
PIPS Boss service does not start: If the service does not start after two tries, go to the logs file located in "C:\Program files(x86)\PIPS Technology, Inc\BOSS3\logs", there look for the following message:

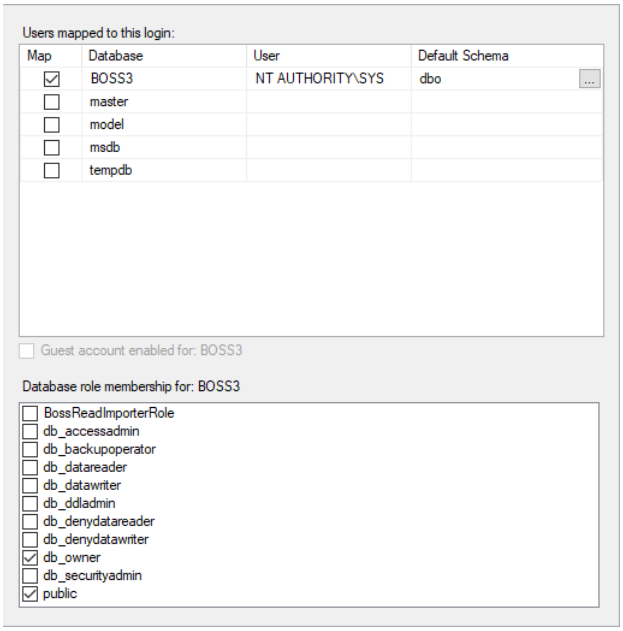
a. The server principal "user" is not able to access the database "BOSS3" under the current security context:
This problem is caused by missing permissions in the database user you are using.
To fix this problem you need to go to the Microsoft SQL Server Management Studio application and connect with a user with sysadmin privileges, inside the object explorer expand the folder Security, within the logins folder identify your user, right click on the user and select Properties. Inside "Server Roles" mark the sysadmin box.
After this restart the BOSS service.

The Underlying Provider failed

When a read query is made, the application shows the message **The Underlying Provider failed**

a. Inside the logs file, look for the line with the message "Login failed for user" identify the user, example- "Login failed for user 'NT AUTHORITY\SYSTEM". If this occurs log into SQL Studio Manager and map the BOSS3 Db to that account, also add the membership role of "db_owner" to the account.





Failed login

Check that the service is running, and the credentials are valid, also, check the server configurations, if you have localhost instead of 127.0.0.1 replace it for 127.0.0.1. If the problem persists go to the logs file and identify the error and contact PIPS customer support support@pipstechnology.com.

Relocating BOSS3 database

- When an upgrade requires you to move your existing BOSS3 database to a new location follow the recommend step in our "PIPS Relocate Boss Data Files" document for step by step instructions.

18 Appendix: Troubleshooting

When troubleshooting an issue, always start by looking for error messages in the Server log file, usually found at ...\PIPS Technology, Inc\ BOSS3\logs\BOSSServerLog.txt. Proceed based on the following information, recognizing that escalation may be necessary. If so, obtain a copy of the complete error message and include it with all escalated documentation.

ISSUE REPORTED	EXPLANATION	STEPS TO CORRECT
Just after an installation/upgrade, the UI won't start.	It takes several moments for the BOSS Server to be completely started and ready for information to be accessed.	After starting the BOSS server, wait for several moments before attempting to start the UI. If this is an upgrade this could be several minutes while the database is being updated.
I start the BOSS Controller, but it stops a moment later. The following error message may display "Error: Error in BOSS3 Controller. Please check the log files." (New installation scenario)	The license was not activated. When checking the BOSS Server Log, there will be two error messages : – 'Licensed for 0 concurrent clients' and – 'Failed to set registry parameter [_tmpbaliked a63] to value System.Byte[].'	Return to the licensing activation and updating checklist. (*See Section 17.2, BOSS Version 3.2 and Above License Key Management.*)
I start the BOSS Controller, but it stops a moment later. The following error message may display "Error: Error in BOSS3 Controller. Please check the log files." (Upgrade scenario)	The Upgrade Tool must be run before starting the Controller.	Run the Upgrade Tool. (*See Section 17.7 The BOSS Upgrade Tool.*)
I start the BOSS Controller, but it stops a moment later. The following error message may display "Error: Error in BOSS3 Controller. Please check the log files." (Other scenario)	If the Upgrade Tool has been run, there may be a problem with the database.	Look for error messages in the BOSS Server Log. Provide this information to Technical Support.
A fixed camera won't connect.	The firewall could be blocking the communications.	Ensure that the firewall is allowing communications through the VES ports, found in the BOSS Configuration Controller on the Ports screen.
PAGIS won't connect.	The firewall could be blocking the communications.	– Ensure that the firewall is allowing communications through the REST API (for PAGIS 2.7.x) and PAGIS 3.0 Service (for versions of PAGIS) ports, found in the BOSS Configuration Controller on the Ports screen. – Ensure that the device has been enabled in the BOSS UI Devices screen.
Hotlist will not update.	There is typically a problem with the source file.	– If it is a network hotlist, ensure that the site can be reached by entering the address in a browser. – If a local hotlist, ensure that the file is on the system and can be opened.
The NCIC Hotlist formatter that I need is not available. (New installation scenario)	The NCIC formatters were not added during the initial installation.	Stop the BOSS Service. Go to the Configure option on the BOSS Controller. Step to the NCIC screen. Select the desired NCIC formatters. Click **Save** and exit. Restart the BOSS Service. The formatters will now be available.

ISSUE REPORTED	EXPLANATION	STEPS TO CORRECT
I am unable to see reads/hits in the Dispatch screen.	The time on the read/hit coming in must be relatively close, within a couple of minutes, to the BOSS server time.	For a mobile ALPR system, correct the time on the laptop or ALPR processor. A fixed camera can be configured to use a time server. If issue persists, the server that BOSS is running on could also be configured to sync with a time server.
An error message, "Compressed method not supported," was found in the BOSS Server Log.	There are various reasons that this message can occur.	Obtain a copy of the complete error message. Provide this information to Technical Support.
An error message, "Transaction has aborted," was found in the BOSS Server Log.	There are various reasons that this message can occur.	Obtain a copy of the complete error message. Provide this information to Technical Support.
An error message. "Error #nn appeared in the db for Stored Procedure xxxx on line nn." was found in the BOSS Server Log.	An error occurred when running the stored procedure listed in the message.	Obtain a copy of the complete error message. Provide this information to Technical Support.
An error message, "Timeout expired. The timeout period elapsed prior to completion of the operation or the server is not responding," was found in the BOSS Server Log.	A SQL timeout error has occurred.	Obtain a copy of the complete error message. Provide this information to Technical Support.
An error message, "SNTP server not started, could not bind to InterNetwork 0.0.0.0:123," was found in the BOSS Server Log.	This is an expected error message that occurs when BOSS has not been configured to access a time server.	If no time server has been configured, this message can be ignored. If one has been configured, this needs to be escalated for further assistance.
After a new installation, the BOSS server stops running with an error message, "Failed in working with the database. Ensure connectivity is properly defined. Try running the BOSS Controller again and checking settings," was found in the BOSS Server Log.	When BOSS was started, there was a connection issue between it and the SQL Server.	Start by checking the information in the Controller. If that is all correct, then check to ensure that the SQL Server is running. If no issues are found there contact Technical Support Obtain a copy of the complete error message.
After a new installation, the BOSS Server stops with no error message in the BOSS Server Log.	The server needs to be run with Administrator privileges.	The server should be restarted in the Console as an Administrator. If running BOSS as a service then the BOSS Controller must be run as Administrator.
Error message in BOSS Server Log says that the file "httpconfig.exe" cannot be found.	This is an error that can occur when the system has not been updated in some time. It has been seen for other uncertain reasons as well.	Obtain a copy of the complete error message. Provide this information to Technical Support.
After a new installation, the BOSS Server starts but stops moments later. The BOSS Server Log contains the error message. "The system cannot find the file specified Additional Exception Message: Unhandled exception from 'Name:BOSS3.exe. There are no context policies." However, no file is listed in the message.	This typically occurs on older systems, especially Windows Server 2003, or systems that have not been updated for a while.	The file httpcfg.exe needs to be copied into the c\Windows\System32 directory.
The BOSS Server won't start, and there is an error message, "Transport Manager failed to listen on the supplied UIR using the NetTcpPortSharing service: failed to start the service because it is disabled," in the BOSS Server Log.	The NetTcpPortSharing Service is not running.	Obtain a copy of the complete error message. Provide this information to Technical Support.
The BOSS server stops running, and there is an error message, "Cannot open database "<Database Name>," in the BOSS Server Log.	There is an issue with the connection between the BOSS server and the SQL Server.	Start by checking the information in the Controller. If correct, then check to ensure that the SQL Server is running. If no issues are found contact Technical Support. Obtain a copy of the complete error message.

ISSUE REPORTED	EXPLANATION	STEPS TO CORRECT
The BOSS Server won't start and there is an error message "A file activation error occurred. The physical file name '<filename>' may be incorrect." in the BOSS Server Log.	There could be multiple reasons, but it is probably due to a database connection issue.	Obtain a copy of the complete error message. Provide this information to Technical Support.
When running the upgrade tool, an error message is displayed. A message is included in the BOSS Server Log: "Current upgrade state: One of the upgrade scripts failed to run as expected. Please contact support for direction."	This most likely occurred due to upgrading from an old version of BOSS.	Obtain a copy of the complete error message. Provide this information to Technical Support.
An unexpected response or behavior occurs in BOSS, and there is an error message, "Object reference not set to an instance of an object," in the BOSS Server Log.	This is a generic error message that can occur for various reasons.	Unless the issue has an obvious cause contact Technical Support. Obtain a copy of the complete error message.
The following error message, "Discarding tmp buffer because it's corrupted," has been found in the BOSS Server Log.	This message is associated with a database issue.	Obtain a copy of the complete error message. Provide the information to Technical Support.
The following error message, "SMTP server is not defined, email alerts disabled," has been found in the BOSS Server Log.	This message is informational indicating, as it states, that an email server has not been configured.	If attempts have been made to configure an email server and this error message occurs, recheck the settings and the server. If the error remains contact Technical Support.
The BOSS Service stops running, and the BOSS UI indicates that the server is not available. The following error message, "Cannot access a disposed object," is found in the BOSS UI Log.	This is an informational message provided by the UI confirming that it is no longer able to communicate with the BOSS server.	Restart the BOSS server and the BOSS UI will reconnect. If this does not correct the issue contact Technical Support.
The following error message, "The socket connection was aborted," is found in the BOSS UI Log.	This is an informational message provided by the UI confirming that it is no longer able to communicate with the BOSS server.	Restart the BOSS server, and the BOSS UI will reconnect. If this does not correct the issue contact Technical Support.
A problem occurs while adding a hotlist and the following error message "Invalid object name '<hotlist name here>'," has been found in the BOSS Server Log.	This indicates that there is an issue with the hotlist formatter being used.	Confirm that the correct formatter is being used. If so, confirm the source file is formatted correctly. If so, contact Technical Support. Provide a copy of the full error message.
While installing BOSS, an error message displays: "Error opening file for writing: <File Name>."	This indicates that the application listed in the error message is still running.	Check the Windows System Tray for any BOSS applications still running on the system. Close the application(s) and continue the installation.
The BOSS applications are installed under one user, but are not found when another user logs in.	The application was not installed using administrative privileges.	The application will need to be uninstalled and reinstalled using administrative privileges.
While using Client Tools to create Begin Shift files, an error message displays: "Client has not been activated on the server."	Mobile devices must be enabled on BOSS to synchronize data to it. This message is displayed the first time that Client Tools is used to create Begin Shift files because it has not been enabled yet.	Configure Client Tools on BOSS (see Section 17.6) so that BOSS adds Client Tools as a device.
When using Client Tools to synchronize End Shift files to BOSS, the following error message displays: "Error: Could not find <file and path name>."	Client Tools was unable to find the End Shift files to be processed at the defined path.	Check that the location assigned for the End Shift file matches the location chosen when Client Tools was configured. If it does not, move the file to the configured location.

19 Appendix: Plug-Ins

BOSS allows the use of third-party code via a plug-in that serves the needs of BOSS customers with specific data requirements. Once a plug- in is created and compiled, a copy of the DLL and any other necessary files can be copied to the plug-ins directory under BOSS. BOSS will automatically detect the existence of the plug-in at that point and permit reads to be passed to the ReceiveData method of your plug-in.

The functions of the currently available BOSS plug-ins are described in Sections 19.1 and 19.2. For more information and guidance on installing a plug-in, contact PIPS Technical Support for guidance.

19.1 The BOSS Truck Drayage Utility

Regulation of diesel-fueled heavy-duty trucks and a Drayage Truck Registry (DTR) were implemented by the California Air Resources Board (ARB) to help reduce both emissions from these vehicles and public exposure to contaminants in those emissions. Drayage trucks subject to regulation (Class 7 and Class 8) are registered and information about them is maintained on an ARB web service.

The Truck Drayage Utility is BOSS plug-in that provides access to the ARB web service. The utility is designed to contact the web service, retrieve data, and add it to a comma-separated values file. In BOSS, the Hotlist Administrator will then create a whitelist that uses this CSV file as the source file.

The connection to the ARB web service (managed by the Windows Task Scheduler) can be made once daily for a full download of the data, with subsequent connections allowed no more frequently then every 30 minutes for updates. This whitelist can then be deployed to a mobile or fixed camera in the monitored area. If a plate is read that is not included on the whitelist, a notification will be displayed in BOSS. Appropriate action can be taken at that time.

If the ARB web service is unavailable and downloads cannot be completed, the BOSS whitelist will not be updated. There will also be warning messages in the BOSS log such as “Could not connect to <web service address>. TCP error code nnnnn: <Error description>.” If this occurs, the utility will try again in 30 minutes. If the errors persist, it may be necessary to seek assistance.

19.2 The BOSS LPRD Plug-in

The BOSS LPRD plug-in relays the reads the BOSS server receives on to the national database at the Automated Regional Justice Information System (ARJIS), a joint powers agency that facilitates information-sharing among more than 70 law enforcement agencies—local, state, and federal—in the two California counties (San Diego and Imperial) that border Mexico. ARJIS operates a secure intranet (ARJISnet) with more than 11,000 users in San Diego County alone.

19.3 The BOSS DEA Plug-in

The BOSS DEA plug-in writes LPR messages to the file system as reads are received by the BOSS server. Those files will then be available for the Drug Enforcement Agency, DEA, File Transporter to act upon.

20 Appendix: BOSS Mantis

The Mantis service adds analytical analyses to new and existing read images within BOSS providing the user the ability to search based on vehicle Type, Brand, Color & Unique markings. BOSS Mantis is an additional PAID service that can be enabled on BOSS versions 3.6.x.x and above, older version of BOSS can support this feature by upgrading, providing they meet the system

20.1 How Dose Mantis Work

The service is hosted in the Amazon Web Services (AWS) Elastic Compute Cloud (EC2) platform, running in instances comprised mainly by Graphics Processing Units (GPUs). The only information sent to the Mantis endpoint is the vehicle image, known as the Overview image by the BOSS. Communication between BOSS and Mantis is performed as a client-server architecture, meaning the Mantis server uses the 443 (https) port to allow clients to reach the Mantis endpoint.

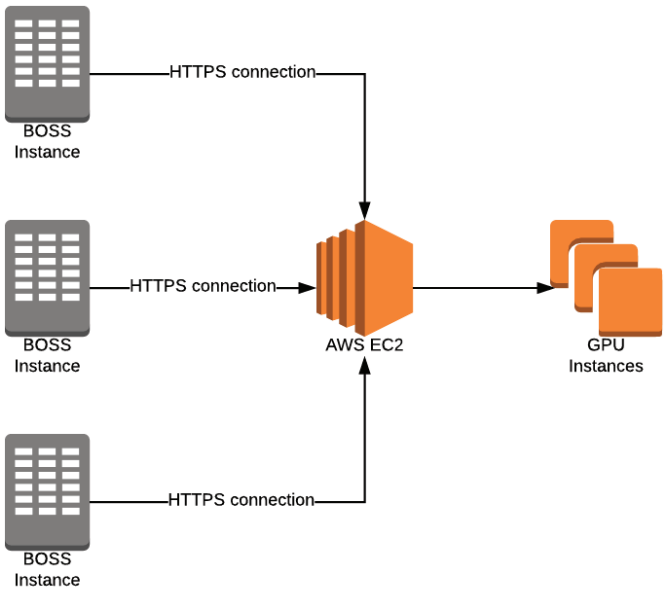


Figure 1 Multiple BOSS instances connected to the Mantis API.:

The information between BOSS and Mantis flows only in one way, this means that only BOSS clients can send data to Mantis, where it will be processed, and a response will be received by the BOSS server. Mantis cannot reach the BOSS Server or perform any kind of operations on the user's behalf over the data stored inside BOSS.

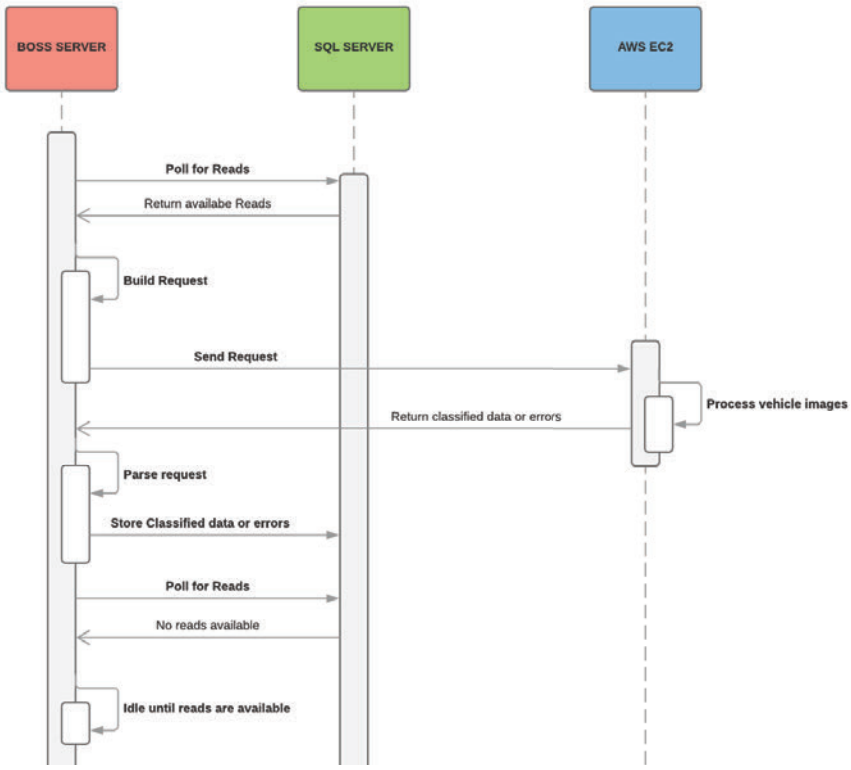


Figure 2 Sequence diagram for the current BOSS-Mantis Integration

20.2 Mantis Security and Encryption

As a summary description for the HTTPS protocol, its security is that of the underlying TLS (Transfer Layer Security) cryptographic protocol, where a certificate is used to authenticate the server, thus, the data flow between the client and the server is encrypted.

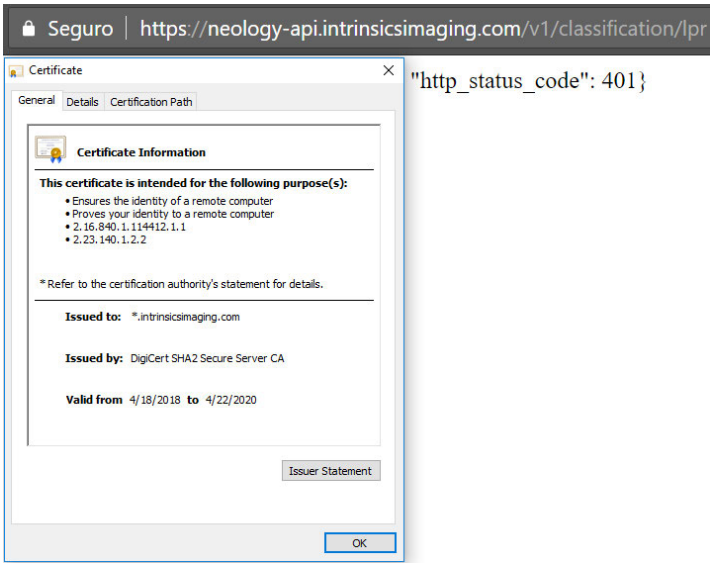


Figure 3 Available details for the certificate on the Mantis-Neology endpoint

20.3 Mantis Requirements

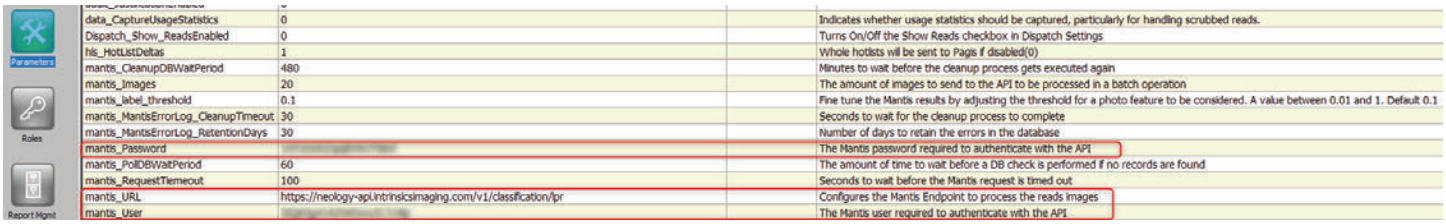
1. BOSS version 3.6 or newer.
2. Open communication to Mantis API URL (https://neology-api.intrinsicsimaging.com/v1/classification/lpr) via port 443.
3. Mantis Licensing feature required.
4. A valid Mantis User name and password. User name and password provided at time of licensing purchase.

20.4 Mantis Installation

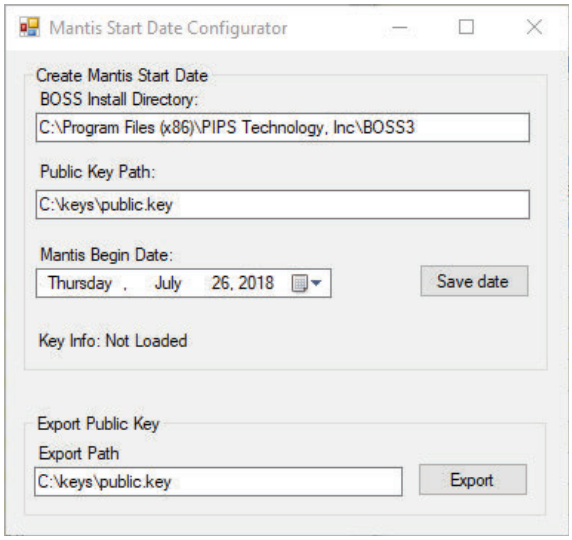
1. To upgrade or install Mantis version of BOSS follow the installation steps provide under Appendix 17. If upgrading from previous BOSS version you will also need to reactive your existing license to reflect the addition of the Mantis feature, see section 17.2.2.
2. Once BOSS is installed or upgraded, start the BOSS service to perform additional Mantis configurations.

20.5 Mantis Configurations

1. Start and login to the BOSS UI, navigate to System > Parameters.
2. In the Attributes table, look for the entries with the following names:
    - **a. mantis_User:** Assign the provided Mantis user name here.
    - **b. mantis_password:** Assign the provided Mantis user password here.
    - **c. mantis_URL:** Set the Mantis URL here. https://neology-api.intrinsicsimaging.com/v1/classification/lpr

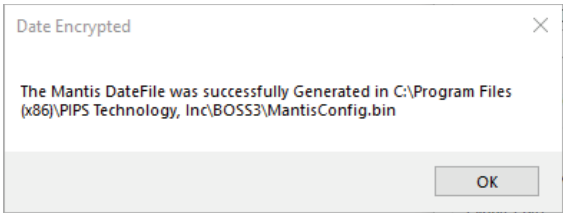


3. Additional parameters can be configured, see Mantis Parameters for details.
4. Once all the entries were assigned their corresponding values, close the BOSS UI and stop the BOSS service.
5. Download and place the “MantisStartDateGenerator.exe” file in the root BOSS3 folder, this executable is sperate from the BOSS installer and will need to be downloaded and placed manually.
6. Start the “MantisStartDateGenerator.exe” utility with administrator permissions.



7. Set the BOSS Install Directory to the Path of the folder where BOSS was installed.:

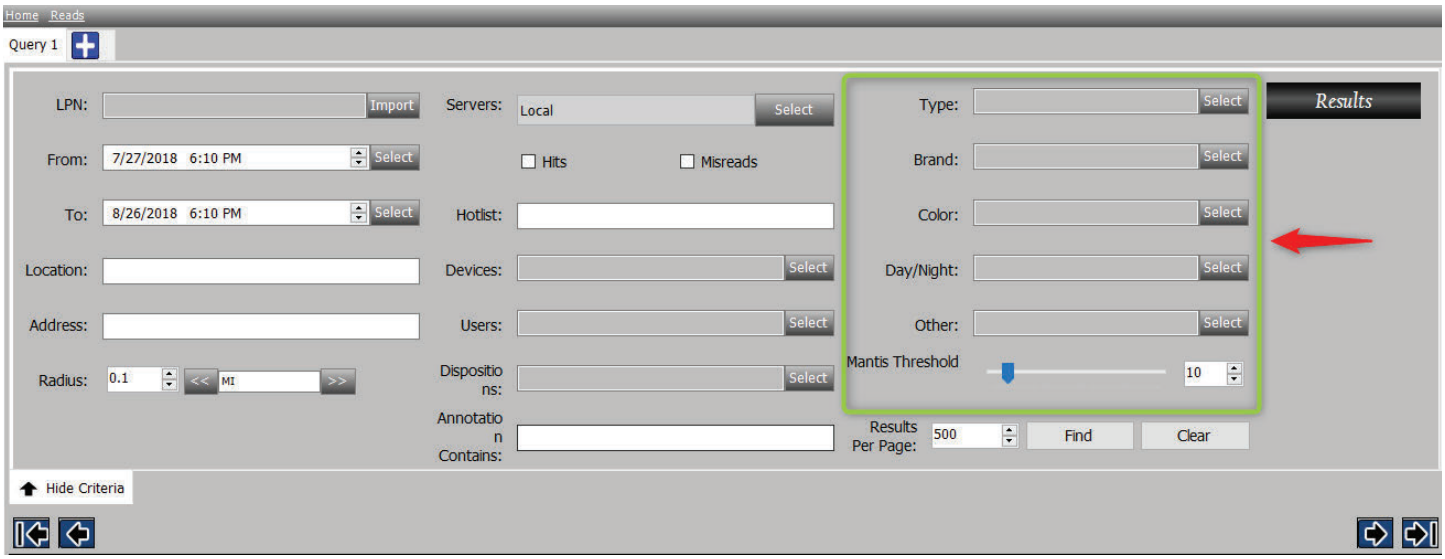
8. Set the Export Public Key path to a folder where you can access the generated public key, then click the Export button, and verify that the key was exported to the path.
9. Select a date that you want Mantis to take as the begin date for reads to be retrieved “Mantis Begin Date”. Reads that entered the system before this date, won’t be processed.
10. Click the Save date button to create the “MantisConfig.bin” file in the installation directory. A message confirming the file creation will appear.



11. Start the BOSS service.
12. When BOSS is started, the existing reads in the BOSS database will be sent to and processed by the Mantis API. The results will be stored on the local database.
13. Start and login to the BOSS UI.

20.6 Mantis Search Features

The Mantis fields should be visible in the right side of the reads panel in the BOSS UI. In case the fields are not available, diagnose the possible problems in the Mantis Configuration Troubleshoot section 20.8.



20.6.1 Mantis Search Definitions

- **Type=** Vehicle configuration style, i.e. Car, Box-Truck, Full-Size-Van, Hatchback, Minivan, Other-Truck, Pickup, Sedan, Suv.
- **Brand=** Vehicle manufacture.
- **Color=** Vehicle primary color.
- **Day/Night=** Vehicle capture in day or night.
- **Other=** Includes additional vehicle identifiers such a roof racks, spare-time, spoiler, ect...
- **Threshold=** Adjust the threshold slide bar to increase or decrease the confidences level of the Mantis search criteria based on selected filters, 1 being the lowest and 100 the highest confidence level available. When threshold is utilized in searches a new “Confidence” column will appear in the results, a user may now use this column to further sort the results by descending or ascending order.

20.7 Additional Mantis Parameters

As a summary description for the HTTPS protocol, its security is that of the underlying TLS (Transfer Layer Security) cryptographic protocol, where a certificate is used to authenticate the server, thus, the data flow between the client and the server is encrypted.

Parameter Name	Description	Default value
mantis_URL	The URL for the Mantis endpoint. The latest value should be available in this document. See Ports configuration for the corresponding value or ask a PIPS Technology representative.	None
mantis_User	Part of the credentials provided, it may be referenced also as the Mantis API key.	None
mantis_Password	Part of the credentials provided, it may be referenced also as the Mantis API password.	None
mantis_Images	The number of images to send to the API to be processed in a batch operation	20 images
mantis_PollDBWaitPeriod	The amount of time to wait before a DB check is performed if no records are found	60 seconds
mantis_RequestTiemeout	Seconds to wait before the Mantis request is timed out	100 seconds
mantis_MantisErrorLog_RetentionDays	Number of days to retain the errors in the database	30 days
mantis_MantisErrorLog_CleanupTimeout	Seconds to wait for the cleanup process to complete	30 seconds
mantis_CleanupDBWaitPeriod	Minutes to wait before the cleanup process gets executed again	480 minutes
mantis_label_threshold	Fine tune the Mantis results by adjusting the threshold for a photo feature to be considered. A value between 0.01 and 1.	10% (0.1)

20.8 Mantis Configuration Troubleshoot

To trouble shoot any Mantis issue, access to the BOSS Server logs is required. The logs are available inside the logs directory, inside the installation folder, e.g. "C:\Program Files (x86)\PIPS Technology, Inc\BOSS3\logs".

Inside this folder, there are two types of outputs:

- **BOSSMantisLog.txt.*:** This files contain Mantis Service specific information.
- **BOSSServerLog.txt.*:** This files contain overall BOSS Server information.

Known errors

L	Level	Error	Description
	INFO	**Mantis Service: Not available**	The Mantis feature was not enabled in the license key with which BOSS was activated
		Solution	Contact a Neology PIPS Technology agent for information on how to request the activation of the feature in your current license key
	INFO	**Mantis configuration not loaded, the service will not be started**	This error signals missing configuration Look for the additional messages described in the following rows.
	ERROR	**Mantis endpoint not configured, shutting down service**	The mantis URL parameter was not set properly, it cannot be a null or empty value.
		Solution	Review the ports configuration and set the mantis URL parameter to the given mantis URL. If you have an outdated version of this document, contact the Neology PIPS Technology support team to get the latest information.

	ERROR	**Mantis credentials are not configured, shutting down service**	Either the mantis_User or the mantis_password parameter was not set.
		Solution	Check that these values do not have a null or empty value. If you were not provided with these credentials, contact the Neology PIPS Technology support team.
	INFO	**Due to a request error, the next Mantis request will be performed in seconds**	There are three known errors related to mantis functionality: • **Mantis Failure**: Mantis failed to process the uploaded information. This error will not be retried because with the same image, Mantis will produce the same output. • **Connection error**: There was a problem establishing a connection with the server. This batch will be retried. • **Mantis Server Error**: An exception was received from the server. This error will be retried.
		Solution	For the above three errors, the possible solutions or actions to take are described below: • **Mantis Failure:** If too many instances of this error appear, contact the support team to diagnose the error. • **Connection error:** Verify that the appropriate rules for the firewall and whitelisting for URL and ports was set. See Mantis requirements for more details. • **Mantis Server Error:** If too many instances of this error appear, contact the support team to diagnose the error.

For a full list of all the messages produced by Mantis and a more detailed explanation about them, see the Mantis Log messages catalog.

20.8.1 Mantis Log Messages Catalog

Below is a description for the messages produced by the Mantis Service. Only applicable messages will have a solution appended to them.

Glossary

Term	Definition
ALPR	Automatic license plate recognition (also called automatic number plate recognition, or ANPR)
Annotation	A note or comment that can be made about and added to a read.
Deployment	The distribution or making available of a hotlist to a device
Device	A source of ALPR data; an PAGIS unit or a fixed or mobile camera
Disposition	The classification of a hit; e.g., a recovered stolen vehicle
Fixed Camera	An ALPR camera permanently mounted above a roadway
Group	A group of BOSS users that belong together administratively
Hit	A match on a plate read against a hotlist
Hotlist	A list or database of license plates of interest, e.g., the NCIC database
Justification	A purpose for running a query on the captured data. There are several justifications included in the system by default. The BOSS Administrator can also create custom justifications to be used.
LPN	License plate number; also known as the Vehicle Plate Number
PAGIS	PIPS™ Mobile Software, the ALPR Mobile application
Local Server	A server running on a local system, in relation to the SQL server or the BOSS UI Misread A read that was marked as a misread by a user
Mobile Unit	An ALPR system with cameras, a mobile processor, and software, such as Pagis Software, installed in a vehicle
Notification	Propagation or delivery of an alert resulting from a hit
Overview	A color image of the vehicle to which the license plate is attached
Patch	A small image of the license plate
Permission	Authorization to access specified functionality in BOSS
Read	A license plate detection event that results in the plate text optical recognition and pictures being taken
Remote Server	A BOSS server that is running in another location
Role	A position, such as Administrator, with the authorization to access specified functionality in BOSS
Site	A group of related devices
Translation	The interpretation from a word in English to a word in a selected language
User	An authorized BOSS user (with a username and password)
Whitelist	In BOSS a whitelist hit is the opposite of a hotlist hit. When a license plate read does not exist in an enabled whitelist database, the same Hits (Alert) screen will be displayed.

For additional information, assistance or maintenance questions please contact Neology ALPR/ANPR Support at:
PHONE: 833-PIPS-LPR (833-747-7577)
• Option 1 for Sales
• Option 2 for Support

For the U.S/Can and all other areas:
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For Europe, Middle East and Africa:
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Support Request Email: support@pipstechnology.co.uk

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3M Traffic Safety and Security Division
User's Manual



3M™ Back Office System Software®

User's Manual

Version 3.2 or above

3M

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Notices

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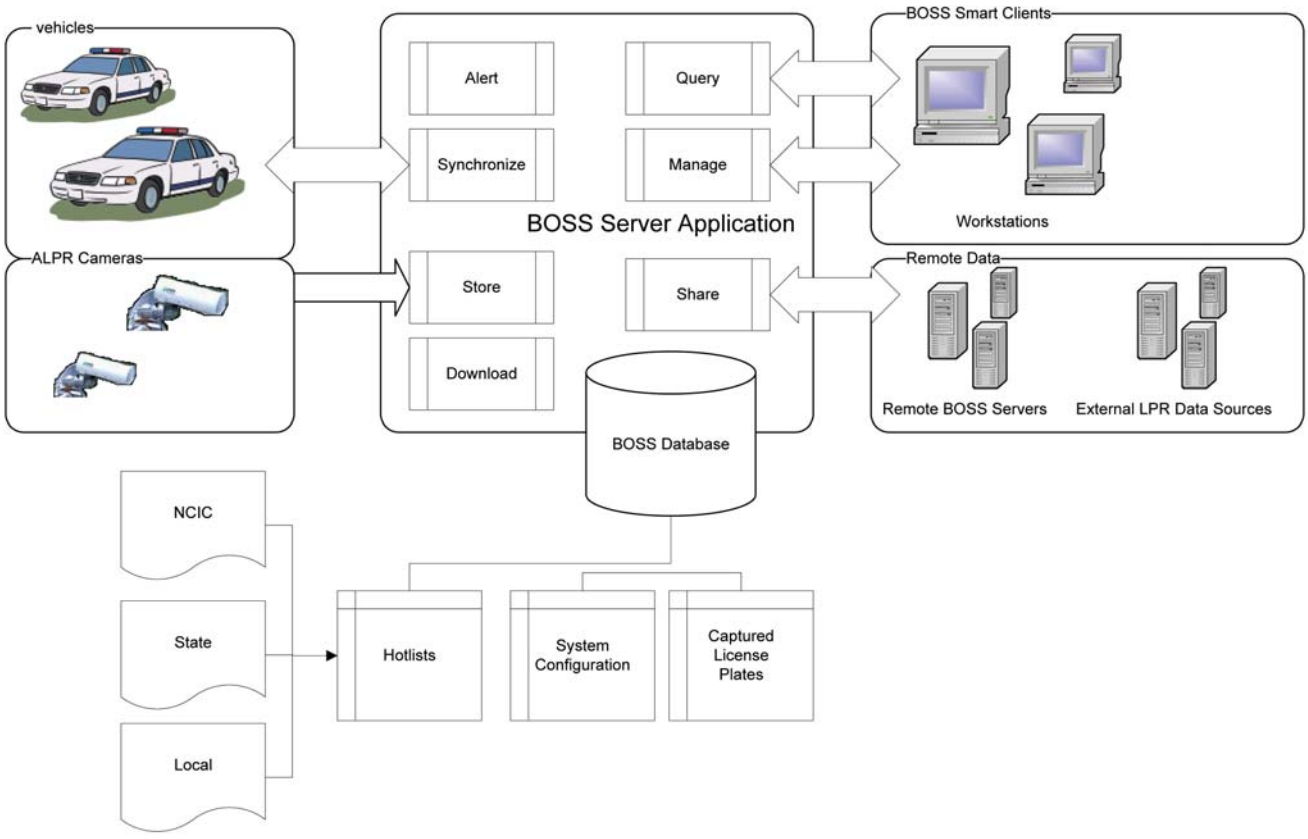
Version

The manual documents the 3.2 series version of the BOSS software. The document was last updated on March 27, 2014.

1 Introduction

This document serves as a user's manual for the 3M Back Office System Software (BOSS) version 3.2 or above and describes the various features and functionality of the application. BOSS is a management and administration tool for the 3M Automatic License Plate Recognition (ALPR; also known as ANPR, or Automatic License Number Recognition) systems. The BOSS server application provides an interface for user maintenance, data queries, import and export of data, and dispatch functions. BOSS lets an Administrator specify the databases used by both mobile and fixed camera installations. BOSS retrieves these databases on a regular schedule; manages the users of the 3M™ License Plate Capture Software (LPCS) systems and BOSS Smart Client workstations; provides a central repository for data collected by mobile LPCS deployments and fixed camera installation; provides reporting and data management tools; provides hit detection and dispatch functions for fixed camera installations; and allows for data mining and data sharing with other agencies.

The following schematic shows how the BOSS server application works together with Smart Client workstations, various data sources, LPCS, and the full line of ALPR cameras to create a comprehensive solution.



1.1 The Design of 3M Back Office System Software Version 3.2 and Above

The design of BOSS version 3.2 or above offers ease of accessibility with a user-friendly look and feel. Large, easy-to-identify icons provide intuitive navigation, and the frequently used elements are readily available. The user interface (UI) is very recognizable and comfortable, particularly for users already familiar with Windows-based applications, including Microsoft® Office software, or the 3M License Plate Capture Software. In addition, users can enter a minimum amount of information to add a data object, with the ability to include more details if needed.

1.2 Organization of This User's Manual

The *3M Back Office System Software, Version 3.2 or above, Software User's Manual* guides BOSS users and Administrators through the following topics:

- Logging in
- Application Layout
- Access Permissions: Users/Groups/Roles
- Devices and Sites
- Data Sharing
- Hotlists
- Hotlist Formatters
- Alerts
- Dispatch
- Querying Stored Data
- Reports
- Client Tools
- Archiving Data
- System Settings

The appendices provide system requirements for BOSS servers and Smart Client workstations and a guide to installation and configuration. Additional appendices cover troubleshooting and BOSS plug-ins. A glossary of commonly used terms and acronyms follows the appendices.

2 Logging In

2.1. 3M Back Office System Software Administrator Login

During each new installation of the 3M Back Office System Software, a default user of “admin” is created, with the password of “admin1.” The installer or designated BOSS Administrator can log in with this account to create additional users and otherwise configure the system. It is important that the “admin” password be changed in order to protect the system’s security. Likewise, it is equally as important to keep this and all passwords confidential in order to protect the security of the BOSS system. Section 17, Installation and Configuration, offers more information on setting up users and passwords.

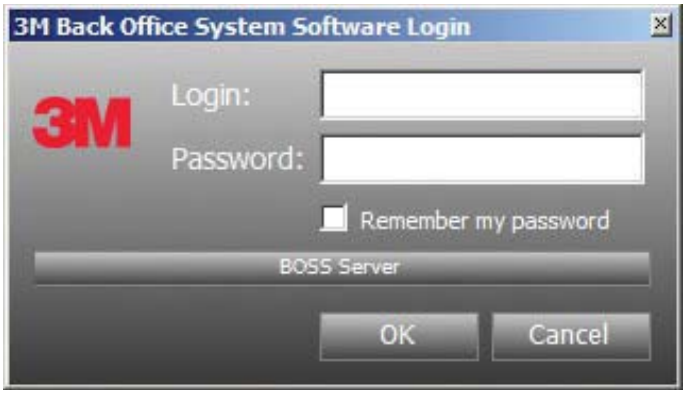
2.2 User Logins

The 3M Back Office System Software will require a user to log in with a username and password only if there is no BOSS user matching the current Active Directory user login. In other words, if the username currently logged into Windows matches a username in the BOSS system, the user is automatically logged into the application when it is started, and no login screen will appear.

For example, if user “bsmith” is logged in using Windows Domain Authentication through Active Directory (“logged into Windows”), when the BOSS Smart Client is started, and a “bsmith” user exists within the BOSS system, no login screen will appear; the application will authenticate the user and load automatically. If a user logs onto Windows with a name that is not an exact match to a username in the BOSS system, or is not logged into the same Windows Domain, a login screen will appear. The user will then need to enter a correct BOSS user name and password in order to enter the application.

Note: In order for a user to be automatically logged into BOSS, the Active Directory user must be in the same Windows domain as the 3M Back Office System Software server.

2.3 Login Dialog



1. Enter your username in the Login field.
2. Enter the correct password in the Password field. **Note:** Passwords are case sensitive.
3. Click **OK** to complete the login process.

2.3.1 Storing Username and Password

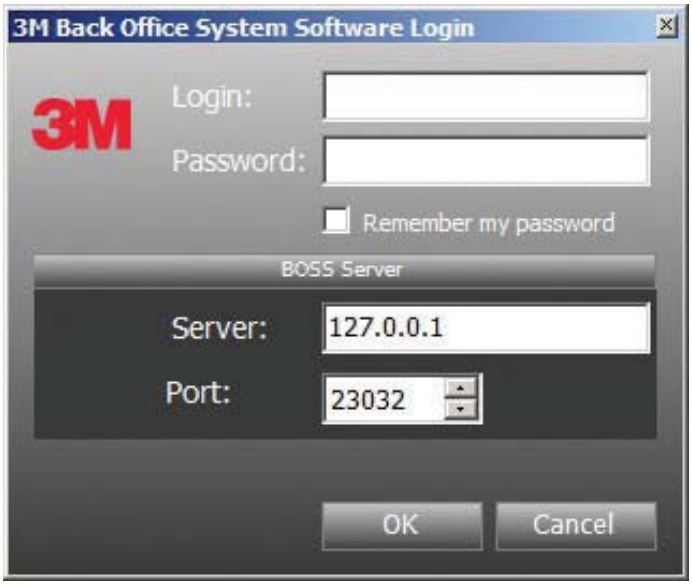
Select the **Remember my password** option to save the password to the computer's local Windows registry and automatically fill in both Login and Password fields on subsequent logins.

Selecting this option only remembers the login information for the current Windows User on the local computer. It will not apply to a different Windows user logged in the same computer and will not apply to the same user logging in a different computer. This option need not be checked every time. Once checked, the option will stay that way until it is deselected during a login.

Note: The username and the password are stored in the Windows Registry. This can be a security risk. It is recommended that you not use the **Remember my password** option unless the Windows workstation can be secured against unauthorized access.

2.3.2 BOSS Client Connection Settings

Click the **BOSS Server** button on the Login screen to view or change the client connection settings.

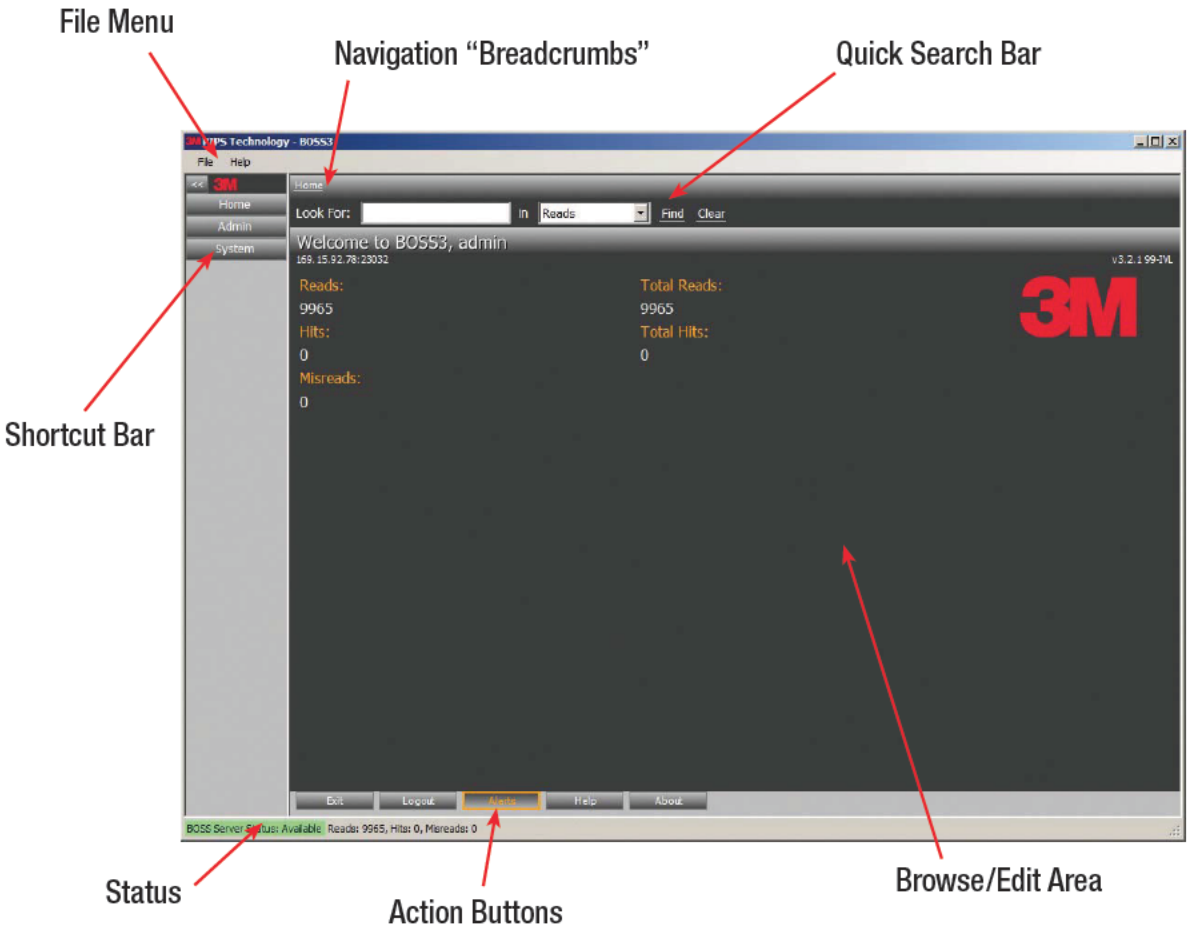


Server – IP address, computer name, or DNS address can be used in the Server field as long as the client can reach the server using the value entered.

Port – The default port used for connecting to the BOSS server is 23032. This should only be changed here if the BOSS server has been configured to use a non-default port.

3 Application Layout

3.1 Components of the BOSS Application Screen



File Menu – The File menu of the application resides in the very top left of the application window. The File menu is always visible and available regardless of the screen or shortcut selected. The **Exit** option is available through this menu.

Navigation – The navigation "breadcrumbs" appear at the top of the BOSS screen as different actions are selected. By clicking on the links it is possible to backtrack to a previous screen.

Shortcut Bar –The Shortcut bar (the panel on the left of the screen) contains icon buttons for the various operations available. The shortcut icons are divided into three categories: **Home**, **Admin**, and **System**. Each time the application is started, all of the categories are closed with no shortcuts displayed. Click on any of the three headings to access the shortcuts within that category. The actual categories and shortcuts that appear depend on the logged-in user's privileges.

The Shortcut bar can be collapsed entirely to provide a larger space for the Browse/Edit area by clicking the << button at the top left of the screen. To expand the Shortcut bar again, click the >> button.

Browse/Edit Area – The widest portion of the application window, the Browse/Edit area is where data is displayed for viewing or editing. The actual data displayed here depends upon the shortcut icon that is selected from the Shortcut bar.

Quick Search Bar – Directly above the Browse/Edit Area, the Quick Search bar allows for simple, immediate queries of BOSS data. Using the

Quick Search bar simply involves typing the text to query in the **Look For** field and selecting the type of data (reads, hits, etc.) to search in the drop-down box.

Action Buttons – These are the buttons directly below the Browse/Edit area. These buttons will differ depending on the shortcut icon selected. The actual buttons that appear will also vary depending upon the user's privileges.

Status Bar – This is the area along the very bottom of the application window that displays the following system information:

- **BOSS System State** (Available or Offline): "Available" status indicates that the client is currently communicating with the BOSS server application and the server is running. This status is highlighted with a green background. "Offline" status indicates that the client is currently not able to communicate with the BOSS server and is highlighted with a red background. In this event, the BOSS UI will continue to check for the BOSS server to become available again. After three attempts to reconnect, the user will be notified that the connection could not be re-established and will be provided further instructions on how to proceed.
- **Reads:** The total number of reads currently contained in the BOSS system.
- **Hits:** The total number of hits currently contained in the BOSS system.
- **Misreads:** The total number of misreads currently contained in the BOSS system.
- **Devices Offline:** The number of fixed camera devices that are currently identified as offline.

3.2 The BOSS Home Screen

The BOSS Home screen is displayed within the Browse/Edit area upon login. The top banner displays the username of the current BOSS user, the BOSS server address, and current system statistics. Statistics may take a few moments to update after login. The action buttons, described below, are displayed along the bottom of the screen. The actual buttons that display will vary depending upon the user's privileges.

Exit – Exit the BOSS application.

Logout – Log out from the current session to the Login screen.

Alerts – Toggle dispatch alerts on (orange highlight) and off. This button will not be displayed if the user is not authorized to access the dispatch screen, or if the user has not chosen to receive dispatch alerts in Preferences *(Section 5.3)*.

Help – Activate the help system.

About – Display application information.

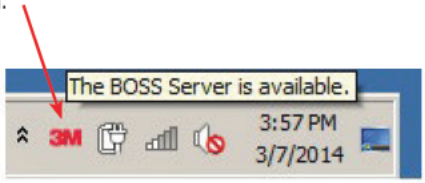
3.3 Help Documentation

BOSS provides a help document accessible in the client application. To access help, select **Help** in the File menu area or press the **F1** button. A help document will be displayed in a browser window and is indexed and searchable for ease of use.



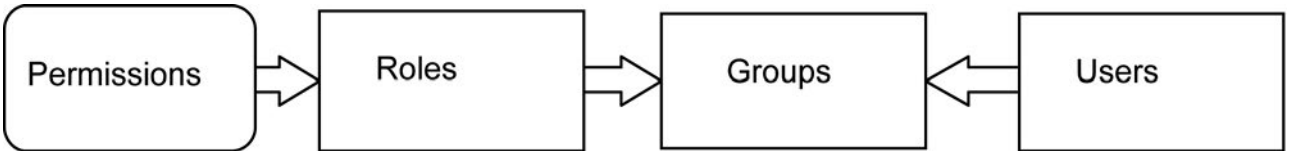
3.4 Minimizing the BOSS Application

The BOSS application can be minimized to the Windows System Tray using the Windows minimize button on the right upper corner of the BOSS application window. To restore the BOSS application, click on the **BOSS 3M** icon. When the application is minimized, real-time alerts will still be displayed.



4 BOSS Access Permissions: Users/Groups/Roles

Access permissions to various functions (such as reports or dispatches) in BOSS are administered through users, groups, and roles. Each individual who will use the BOSS software must log in via a user account. Each user account is assigned to a group. Every group is assigned a role (such as Administrator or Dispatcher), which determines the set of functionality to which the group's members will have access:



The security parameters defined in a role apply to a user via the group to which the user belongs.

4.1 Permission Levels

The following table lists the levels that apply to permissions:

LEVEL	EXPLANATION
No Access*	No permissions to the function
Read Only	View-only permissions to the function. Add/Change/Delete are not permitted.
Full Access	Complete permissions to the function. View/Add/Change/Delete are permitted.

**When a user's effective permissions to a function are No Access, the function is not visible to the user. For example, if a user has No Access privileges to the System function, the System category is not displayed.*

4.2 Permissions

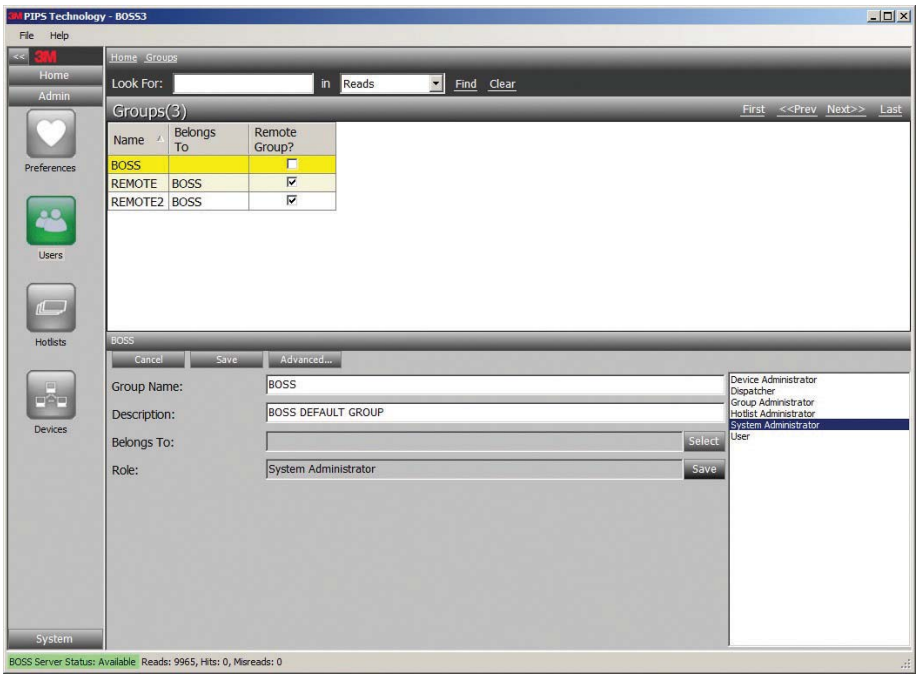
The following table lists the functions that are controlled by permissions levels:

PERMISSION	EXPLANATION
Reads	Plate read information
Dispatch	Real-time monitoring and hit alerts
Users	Groups and user accounts
Hotlists	Hotlists (plates of interest)
Devices	Sites and ALPR camera devices
System	System configuration options

See Section 15.4, Roles, for more information on setting permissions.

4.3 Roles

Roles are access permission profiles. BOSS comes with several predefined roles. A BOSS Administrator is able to add additional roles to the system. A BOSS Administrator is also able to alter and delete any roles. Roles define a **permission level for different functions** of the system. *See Section 15.4, Roles, for additional information.*

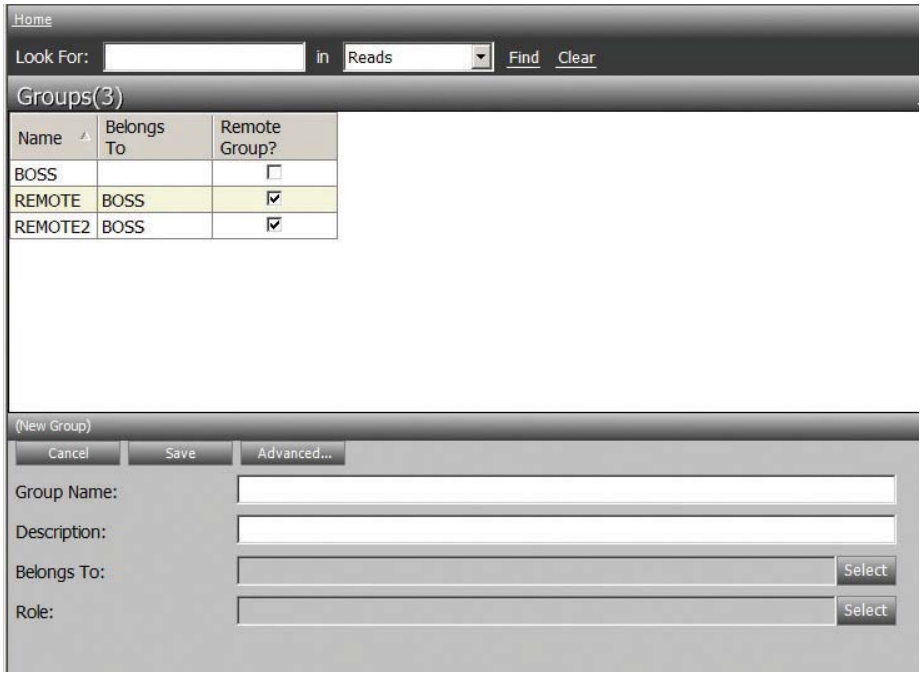


The following roles are installed by default in a BOSS system:

- System Administrator
- User
- Dispatcher
- Group Administrator
- Device Administrator
- Hotlist Administrator

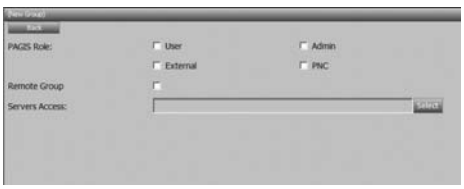
4.4 Groups

Groups are collections of users that have the same permissions. Groups provide an efficient way to organize users, for example by organizational units, and easily assign permissions to those users. Using groups is optional. A default group named “BOSS” automatically exists within a BOSS system, and user accounts will belong to the “BOSS” group by default. The BOSS group cannot be deleted.



4.4.1 Creating a New Group

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Users** shortcut. A list of all current users will display in the Browse/Edit area.
3. Click the **Groups** button at the bottom of the Browse/Edit area. A list of all current groups will display in the Browse/Edit area.
4. Click the **New** button. The New Group Entry screen will display.
5. In the Group Name text box enter a name for the group. (**Note:** The group name must have a minimum of three characters.)
6. In the Group **Description** text box enter a description of the group (optional).
7. Each group, except for the default BOSS group, is required to have a parent group. In the Belongs To field, click the **Select** button to view a list of all existing groups. Click on the desired group and click the **Save** button to select. The name of the selected group will display in the Belongs To field as the parent group.
8. Assign a role to the group. In the Role field, click the **Select** button to select from the existing roles. Click the desired role from the list and click the **Save** button to make the selection. The name of the selected role will appear in the field.
9. Click the **Advanced…** button to access additional, optional settings for the new group.



4.4.1 Creating a New Group *(continued)*

PAGIS Role (User/Admin/External/PNC) – Check desired PAGIS (now LPCS) roles to grant the new group for the associated permissions in LPCS. *Please refer to the 3M License Plate Capture Software User's Manual for more information.*

Remote Group – Select this option to designate the group as remote. When a BOSS Administrator wants to give access to another BOSS system for remote queries ("data sharing," *see Section 6*), a login must be created and assigned to a group that is flagged as a remote group. The remote BOSS Administrator will then create a remote site with credentials for that login.

Servers Access – This option allows for defining which, if any, sites will be accessible by this group. Click the **Select** button to access a list of sites.

Note: There are two sites defined by default: Manual Entries and Unassigned. If no additional sites have been defined, only the default values are available in this field. Click each desired site and click the **Save** button to complete the selection process. If one site is selected the name of that system will appear in the Server Access field. More than one site can be selected.

Log Queries – This option, when selected, will result in the logging of all queries made by all users of the group. This information is then available via the audits report. **WARNING:** ***This can potentially be a very large amount of data. Select this option with care.***

a. Configure these Advanced User settings as desired.

b. Click the **Back** button to return to the main New Group Entry screen

10. Click **Save** to complete creating the new group, or click **Cancel** to clear the new group.

4.4.2 Parent Groups

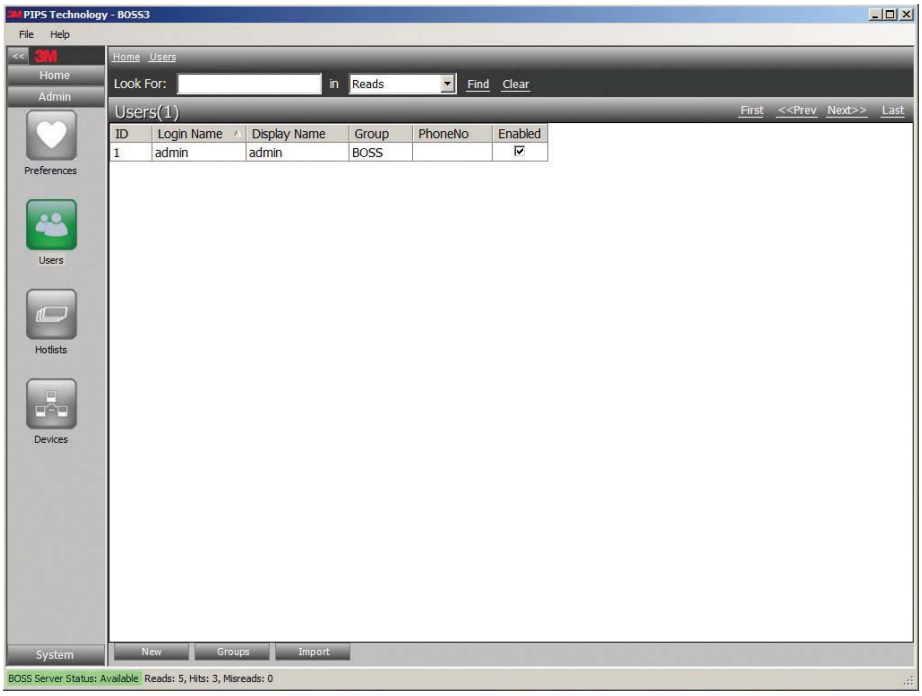
When creating a new group, you must select a parent group (the Belongs To field). BOSS uses a parent-child group structure as an organizational mechanism. This allows the BOSS Administrator to arrange groups into collections based on location, job role, or any other applicable criteria. In BOSS, the parent group can be selected in order to easily reach the entire collection of groups under that parent. This can be especially helpful in large installations with a large number of groups.

4.4.3 Deleting a Group

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Users** shortcut.
3. Click the **Groups** button at the bottom of the Browse/Edit area. A list of all existing groups will display in the Browse/Edit area.
4. Click to select the desired group from the list.
5. Click the **Delete** button.
6. Click **OK** in the confirmation dialog to complete the operation.

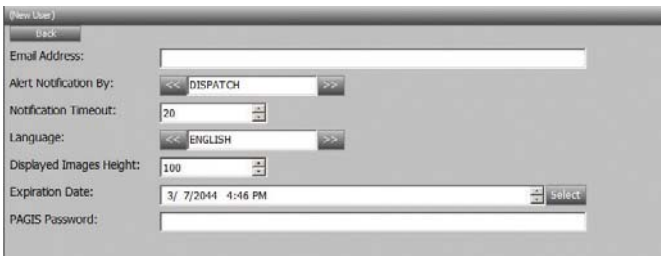
WARNING: Any users currently assigned to the deleted group will be assigned to the default "BOSS" group. You should empty the group by assigning all of its users to different groups prior to deleting it.

4.5 Users



4.5.1 Creating a New User

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Users** shortcut. A list of all existing users will display in the Browse/Edit area.
3. Click the **New** button at the bottom of the Browse/Edit area. The New User Entry screen appears.
4. Enter a **Login Name** for the new user. This is the name the user will enter when logging into the BOSS application. (The login name must be at least three characters.)
5. Enter a **Display Name** for the new user (optional).
6. Enter a **Password** for the new user. (The password must be at least three characters.)
7. Select a **Group** for the user. Click the **Select** button to access a list of all groups. Click on the desired group and click the **Save** button to complete the selection.
8. Enter a contact **Phone Number** for the user (optional). This field is for informational purposes only; in case the BOSS Administrator needs to contact the user.
9. Click the **Advanced…** button to access additional, optional settings for the new user. Configure these advanced user settings as desired.



4.5.1 Creating a New User *(continued)*

Email Address – Email address or addresses associated with the user. BOSS alerts for the user are sent to the email addresses specified here. Multiple addresses should be separated with a comma.

Alert Notification By – A user can be configured to receive BOSS alerts through the Dispatch application, email, or both. Click the << or >> buttons to cycle through the options, stopping at the desired selection.

Notification Timeout – The cutoff time from the time when a hit occurred after which an alert will no longer be sent to the user. For example, if the notification timeout is 20 minutes and a plate of interest is detected at 12:00 pm, notification is not sent to the user after 12:20 pm. This timeout prevents alerts being sent for events that are delayed in arrival to BOSS.

Language – The language preference for the user. The default value is English.

Displayed Images Height – This setting defines the vertical size in pixels of the images (reads and hits) that will display for the user on the Dispatch and Reads screens.

Expiration Date – Date for the user account to automatically be disabled. If no expiration is desired, simply leave this field at its default value (30 years from current date).

PAGIS Password – The user's LPCS password.

Note: The user must be in a group that has been granted LPCS permissions in order for the user to log in to 3M License Plate Capture Software.

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10. Click the **Back** button to return to the main New User Entry screen.
11. Click the **Save** button to complete creating the new user.

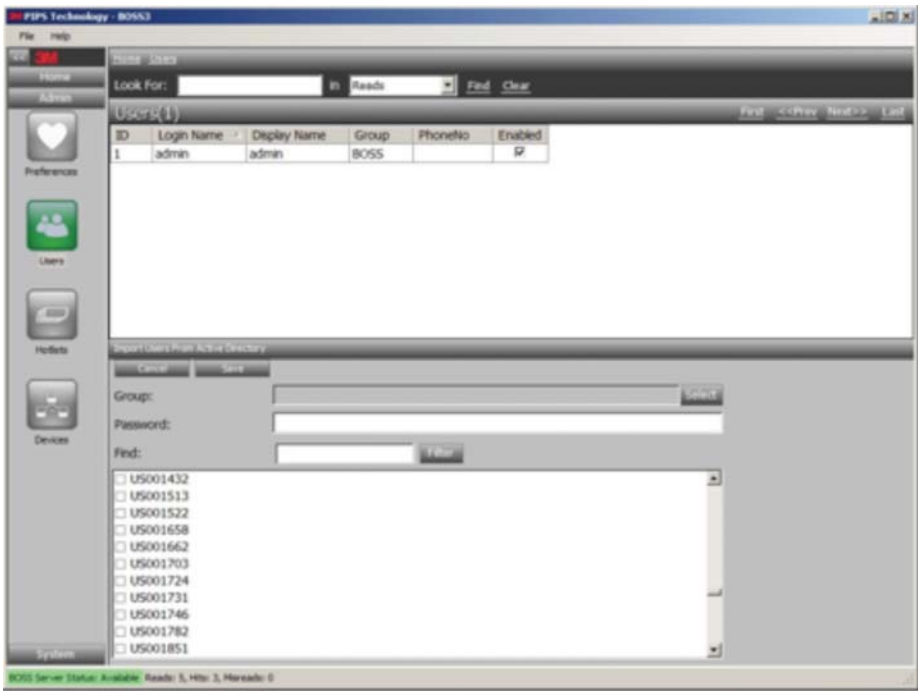
4.5.2 Deleting a User

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Users** shortcut. A list of all existing Users will display in the Browse/Edit area.
3. Click the desired user in the list.
4. Click the **Delete** button at the bottom of the Browse/Edit area.
5. Click **Yes** to confirm the operation.

4.5.3 Importing Users from Active Directory

BOSS allows user logins to be imported from Microsoft Active Directory (AD) service.

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Users** shortcut.
3. Click on the **Import** button.



4. Select the BOSS group that will receive the imported logins. Click the **Select** button to display available groups and **Save** to commit the selection.
5. Enter the default password for the imported logins in the Password field.
6. Browse for the desired users, ***or*** type in the desired login name (full or partial) in the Find field and press the **Filter** button.
7. Click on the checkbox in front of the desired usernames to select users to be imported to BOSS.
8. Click on **Save** to import the users from Active Directory.

Note: A Windows login cannot have any punctuation included or problems will occur with reads queries being performed.

4.6 Access Permissions Example

The previous sections have described how BOSS user security is designed, using roles, groups, and user accounts. This section presents a working example that integrates the information in this chapter.

A BOSS Administrator creates a role, names the role “Temporary Workers,” and defines the new role to have very limited permissions, as follows:

Reads	Read Only
Dispatch	Read Only
Users	No Access
Hotlists	No Access
Devices	No Access
System	No Access

Then the Administrator creates a group called “Temps.” When creating the group, a role is required. The Administrator selects the new role just created “Temporary Workers,” which assigns the permissions, defined above, to the new group.

Next, the Administrator creates a user account, “Jsmith,” for a temporary worker. While creating the new user, the Administrator is required to select a group for the user, and assigns the user to the “Temps” group just created.

The user “Jsmith” has now been created with the permissions shown above because he belongs to the group called “Temps” and that group was assigned the “Temporary Workers” role.

As this example shows, this security design allows reusability of security roles because a BOSS Administrator can define a set of permissions in a role, and that role can be assigned to multiple groups.

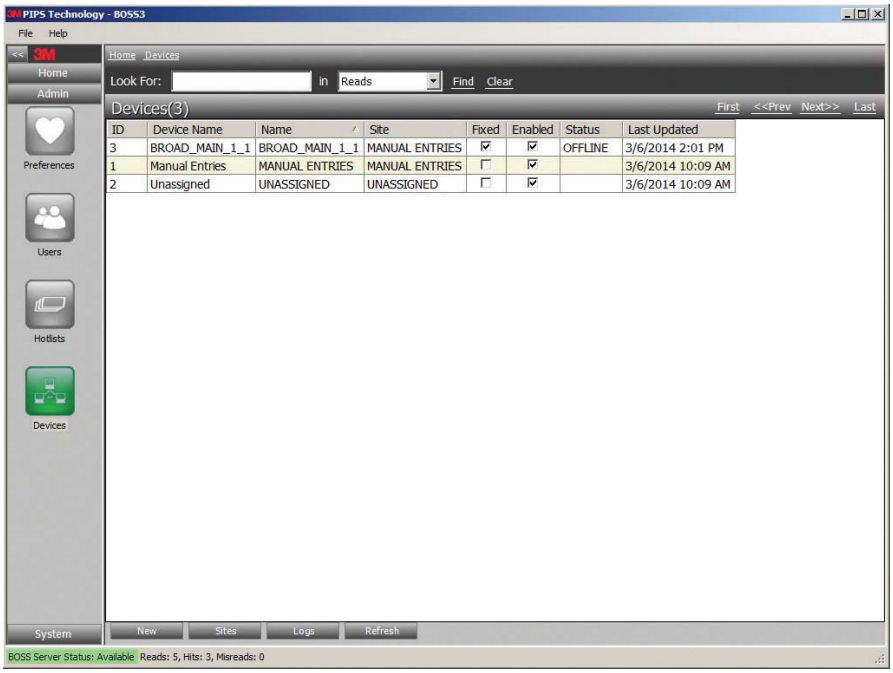
5 Devices and Sites

5.1 Devices

A BOSS device is any source that can input reads into the system. Typically, a device is a camera—either fixed or mobile (mounted on a vehicle). Another source for reads is manual entry, in which a BOSS user types the information for a read into the BOSS application.

5.1.1 Default Devices

A new BOSS site automatically contains two default devices, Manual Entries and Unassigned. A BOSS Administrator creates additional devices applicable to his/her organization.



To see the current devices in your system with information about their status:

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Devices** shortcut.

The devices will be listed in rows with the following column headings:

Device Name – The name assigned to the device, used in the device selections and is the description of the device. The list will always include Manual Entries and Unassigned.

Name – The name that is given to the device.

Site – The group of devices to which this device belongs. Sites can be grouped by geographical location or other criteria. *See Section 5.2, Sites.*

Fixed – This box will be checked if the device is fixed camera, rather than a mobile camera.

Enabled – This box will be checked if the device is currently enabled (*see Section 5.1.4*).

Status – The Status field can display the following messages:

Device Added – If the device is newly added to the list, this message will display.

5.1.1 Default Devices *(continued)*

Offline – This device is a previously connected fixed camera that is not currently connected to BOSS.

Online Heartbeat – BOSS has detected a ping from a fixed camera.

Online Synced – The device's connection with BOSS has been established. This is shown for LPCS mobile devices only and may not change when the device is offline.

Updated – Information has been sent from BOSS to the device, and the device is up to date.

Received Logins – Updates to the device included logins that were successfully sent to the device.

Received Source – BOSS has found the hotlist source file that it needs in order to send the updated hotlist to the device. **Received Source** may not be displayed due to timing or events.

Received Hotlist – The hotlist scheduled to be successfully sent has been sent to the device.

Received Hotplates – BOSS is sending "pages" of hotplates for a large hotlist, and the last page was successfully received.

Received Targets – The update to the device included targets that were successfully sent.

5.1.2 Defining a Device

Note: Devices will be defined automatically when a 3M device, such as an ALPR camera, connects to BOSS the first time. Normally, there is no need to define devices in advance.

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Devices** shortcut. A list of existing devices will appear in the Browse/Edit area.
3. Click the **New** button.
4. Enter a name for the new device. (The name must be at least three characters long.) Note that the name **CANNOT BE CHANGED** once the device has been created.
5. Enter a **Description** for the new device. (The description must be at least three characters long.)
6. Select **Mobile** or **Fixed** in the Type field. By default, **Fixed** is selected. To change the current selection, click the **left** or **right** arrow.
7. Select a **Site**. Click the **Select** button next to the Site field to display a list of all available sites. Click on the desired site in the list and click the **Save** button.

Note: In addition to the two default sites, Manual Entries and Unassigned, which are created automatically when a new BOSS system is installed, other sites can be created by an authorized BOSS user. *See Section 5.2, Sites, for more information.*

8. Select **Owners**. Owners are groups that can access this device. For LPCS units, user logins are sent only to devices where the group is an owner of the device. Click the **Select** button next to the Owners field to display a list of all BOSS groups. Select each desired group by clicking the checkbox. When the desired groups are selected, click the **Save** button. The group name(s) selected will be displayed in the Owners field.

9. Select **Latitude** and **Longitude** values for the geographical location of a device by typing in a value or using the up and down controls on each field to increase or decrease the value. Note that some devices, such as LPCS units with a GPS attached, will automatically send the latitude and longitude of the device to BOSS.
10. Click the **Advanced** button to display additional options for the device.

    No Reads Alert – Defines how long the device must remain with no reads coming in before the system shows the device as offline.

    Alert Email – The email address or addresses to which alerts associated with this device should be sent.

    Retain Reads – The length of time that reads from this device should be saved in the BOSS database. The **Retain Reads** setting must be longer or equal to the **Retain Images** setting.

    Retain Images – The length of time that pictures captured by this device should be saved in the BOSS database.

    Retain Hits – The length of time that hits captured by this device should be saved in the BOSS database.

    SpikeStore – The 3M High Resolution ANPR/ALPR Camera P382 and the 3M Compact ANPR/ALPR Camera P372 (formerly the Spike P382 and P372 cameras) allow captured images to be stored in an on-board USB flash drive to be retrieved on demand. Setting a device as a **SpikeStore** device causes BOSS to attempt to retrieve images from the storage device when the read is requested for viewing.
11. When Advanced Options have been set as desired, click **Back** to return to the New Device screen.
12. Click the **Save** button to complete creation of the new device. The new device will now appear in the devices list above.

5.1.3 Editing a Device

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Devices** shortcut. A listing of all devices appears in the Browse/Edit area.
3. Click the desired device to select it. Details for the selected device appear in the Browse/Edit area.
4. Click the **Edit** button.
5. The Device Edit screen appears in the lower portion of the screen.
6. Modify fields as desired and click the **Save** button.

5.1.4 Enabling and Disabling a Device

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Devices** shortcut. A listing of all devices appears in the Browse/Edit area.
3. Click the desired device to select it. Details for the selected device appear in the Browse/Edit area.
4. Click the **Edit** button.
5. The Device Edit screen appears in the lower half of the screen.
6. Click the **Disable/Enable** button. The change will immediately close the edit window and return to the Devices screen. It will also take effect immediately.

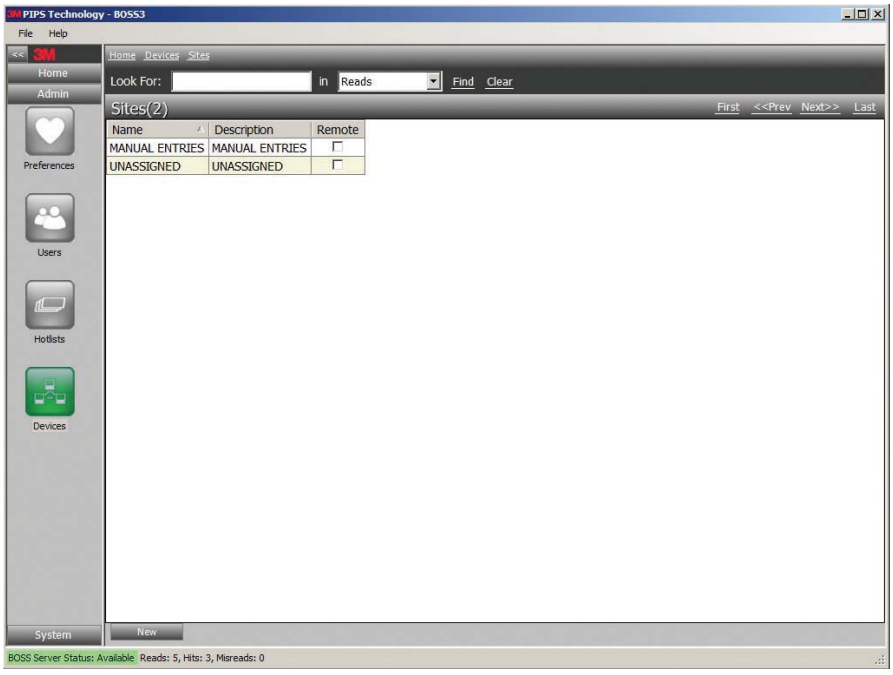
5.1.5 Deleting a Device

Note: It is strongly recommended that **devices are never deleted**. If a device is deleted, queries can no longer be performed using the device as a criterion. Instead of deleting a device, it should be disabled or given a new description.

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Devices** shortcut. (A listing of all existing devices will display in the Browse/Edit area).
3. Click the desired device in the listing.
4. Click the **Edit** button.
5. Click the **Delete** button at the bottom of the Browse/Edit area.
6. Click **Yes** to confirm the operation.

5.2 Sites

A site is a mechanism for organizing devices. This allows a BOSS Administrator to arrange devices into groups according to convenience, such as geographical area or a facility. The ability to group or arrange devices can be quite useful in large installations where there are many devices. Each device created must be assigned to a site.



5.2.1 Default Sites

A new BOSS site automatically contains two default sites, Manual Entries and Unassigned. Normally, a BOSS Administrator will want to create additional sites applicable to an organization.

5.2.2 Creating a Site

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Devices** shortcut.
3. Click the **Sites** button at the bottom of the screen. A list of existing sites will appear in the Browse/Edit area.
4. Click the **New** button at the bottom of the screen.
5. Enter a name for the new site. (The name must be at least three characters long.) Note that the name cannot be changed once the site is created.
6. Enter a description for the site. (The description must be at least three characters long.)
7. Select the parent site for the site. BOSS allows organizing sites into tree-like hierarchies. Click the **Select** button next to the Belongs To field, and select one site from the list. Click the **Save** button to complete the selection. The site name will appear in the Belongs to field.
8. Check the **Remote** option to designate the site as a remote site. (*Remote sites are explained in Section 6, BOSS Data Sharing.*)

5.2.3 Deleting a Site

Note: It is strongly recommended that sites **are never deleted**. If a site is deleted, queries can no longer be performed using the site as a criterion. Instead of deleting a site, it is recommended that devices assigned to it should be moved to another site.

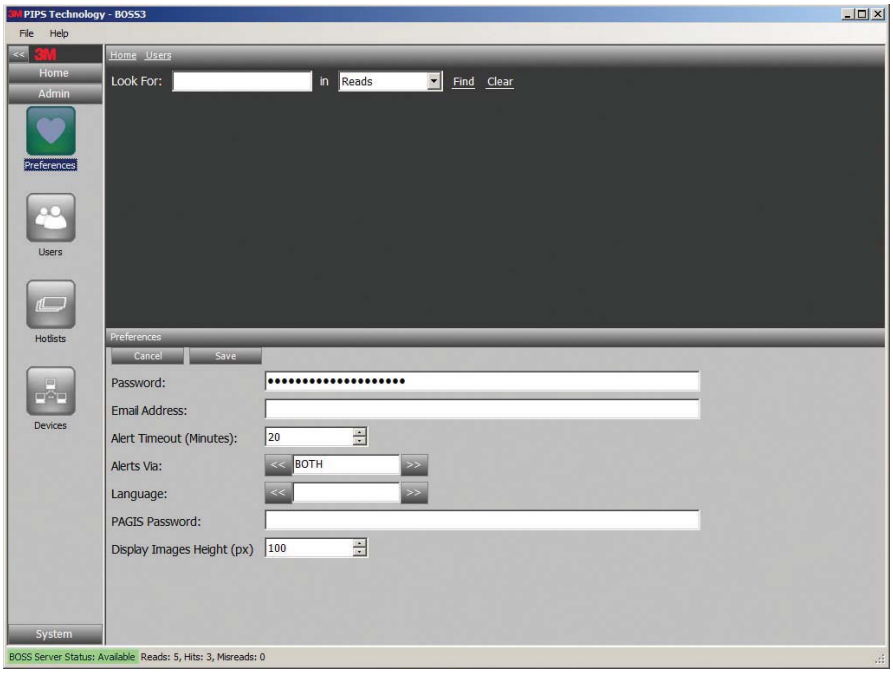
1. Select the **Admin** category on the Shortcut bar.
2. Click the **Devices** shortcut. A listing of all existing devices will display in the Browse/Edit area.
3. Click the **Sites** button at the bottom of the screen. A listing of existing sites will appear in the Browse/Edit area.
4. Click the desired site in the listing and click the **Edit** button.
5. Click the **Delete** button at the bottom of the Browse/Edit area. Click **Yes** to confirm the operation.

5.3 Preferences

The Preferences section allows for changing settings for the currently logged-on BOSS user, such as the password and email addresses.

5.3.1 Changing User Preferences

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Preferences** shortcut. The Preferences Entry screen appears at the bottom of the Browse/Edit area.
3. Modify the preferences settings as desired and click the **Save** button.



Password – Login password for the BOSS user. For security purposes, the existing password does not display on screen.

Email Address – Email address or addresses associated with the user. BOSS alerts for the user are sent to the email addresses specified here. Multiple addresses should be separated with a comma.

Alert Timeout (Minutes) –The cutoff time for older hits to alert the user.

Alerts Via – A user can elect to receive BOSS alerts through the Dispatch screen, emails, or both.

Language – Language preference for the user. The default value is English.

PAGIS Password (LPCS Password) – The 3M License Plate Capture Software password for the user.

Note: The user must be in a group that has been granted LPCS permissions in order for the user to log in to LPCS.

Display Images Height (px) – This setting defines the size in vertical pixels of the images (reads and hits) that will display for the user in the Dispatch and Reads Query sections.

6 BOSS Data Sharing

BOSS allows “linking” of multiple BOSS systems for data-sharing purposes. When a user issues a query from the Smart Client application that includes a remote site, the query is submitted to the local BOSS server, which in turn makes a query to the remote BOSS server(s). The combined results from all the sites are then returned to the Smart Client. ***Data from remote sites is not stored in the local BOSS server.***

The following configuration steps need to be taken to permit BOSS data sharing:

6.1 Configuring BOSS to Allow Remote BOSS Queries

1. Create a BOSS user for remote access. This user account is a “proxy” the local BOSS server will use for all requests from a remote site. This user account will have “Reads” privileges by default; no other privileges need to be given. The user must be assigned to a remote group. *(See Section 4.4, Groups, for information about flagging a group as remote.)*
2. Give the username and password for this “proxy” user to the BOSS Administrator at the remote BOSS system. The remote BOSS will need to be configured to access this BOSS system, described in the next section.

Tip: It is best to create a dedicated user account for remote sites—one that will not be used by an actual user to log in and access the application.

6.2 Configuring BOSS to Access a Remote BOSS Server

1. Obtain username and password from BOSS Administrator at the remote site.
2. Create a site for the remote BOSS server and select the **Remote** option.
3. Enter the remote site IP address and BOSS service port (23032 by default).
4. Add the username and password provided.
5. For each group that is allowed to query the remote BOSS server, assign the remote server to the user via the **Servers Access** option. *(See Section 4.4, Groups, for information on selecting Servers Access.)*
6. Log out of the application.
7. Log back on using the provided username and password. The Remote BOSS server can then be queried by selecting the desired servers in the Reads Query screen.

Note: BOSS version 3.2 and above only supports data sharing with servers running BOSS 3.0 and above.

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7 Hotlists

A hotlist is a database that contains license plates of interest. When reads from license plate readers arrive at the BOSS server application, they are compared against hotlist records to find matches. Various hotlists can be enabled on a BOSS system and used in this comparison. In addition, hotlists can be assigned individually to specific devices. Only reads from those devices will be compared against these hotlist records. Typical hotlists include stolen vehicles, amber alerts, wants and warrants, etc. When the system reads in a plate that is determined to be a match to a hotlist entry in a hotlist, the BOSS application informs the user either with an alert sound and a pop-up window displaying a picture of the vehicle, or via email, depending on the user's preferences *(see "Alerts via" in Section 5.3, Preferences)*.

A hotlist can be a database imported from an external source, such as another law enforcement agency. It can also be a list created by the local BOSS Administrator. For the BOSS server application to be able to understand how to import the hotlist records into the database, there are three different format types that exist in a BOSS system. In addition there are several specific formats that are pre-defined and available by default when a new BOSS system is installed *(see Section 8, Hotlist Formatters)*.

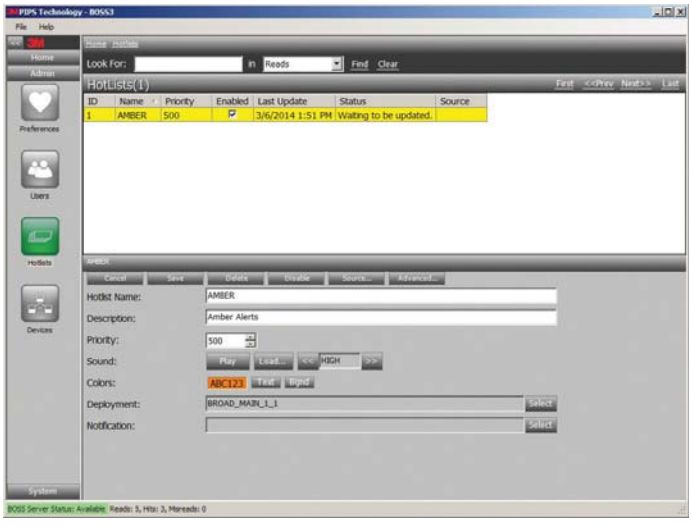
7.1 Creating a New Hotlist

There are three general areas to complete when creating a new hotlist:

- Configure basic settings.
- Define a source and provide credentials for the source (when necessary).
- Define advanced settings (optional).

7.1.1 Configuring Basic Hotlist Settings

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Hotlists** button. Currently existing Hotlists appear in the Browse/Edit area.
3. Click the **New** button at the bottom of the Browse/Edit area. The New Hotlist Entry form appears.



4. Enter a **Hotlist Name** for the hotlist. It must be at least three alphanumeric characters, and it cannot be an existing hotlist name.
5. Enter a **Description** for the hotlist (optional).

6. Select a **Priority** for the hotlist. When there are multiple hits/alerts, the priority determines which alert will occur first. (The lower the number, the higher the priority.)
7. Select a **Sound** for alerts resulting from this hotlist (optional). Click the **Load** button to select a wave sound file (*.wav). To test the selected sound, click the **Play** button. Optionally, one of the three default sounds may be selected, **Low**, **Medium**, or **High** alert.
8. Select **Colors** for the alert if desired (optional). The default is white text on a royal blue background. Custom color settings affect the entries in dispatch. The background color also applies to alerts given in LPCS.
9. Click the **Text** button to select a color for the text.
10. Click the **Bgnd** (Background) button to select a color for the background.

Note: Currently selected text and background colors are displayed in the sample box (showing “ABC123”).

---

11. Select devices for **Deployment.** Click the **Select** button to select devices from the list of those currently available. Click the checkbox next to a device in order to select it. When desired devices are checked, click the **Save** button to make the selection. One or more devices can be selected, and they will be displayed in the Deployment field.

Note: Deployment means distributing the hotlist to a device or devices. Only the devices where a hotlist is deployed will produce hits from the hotlist.

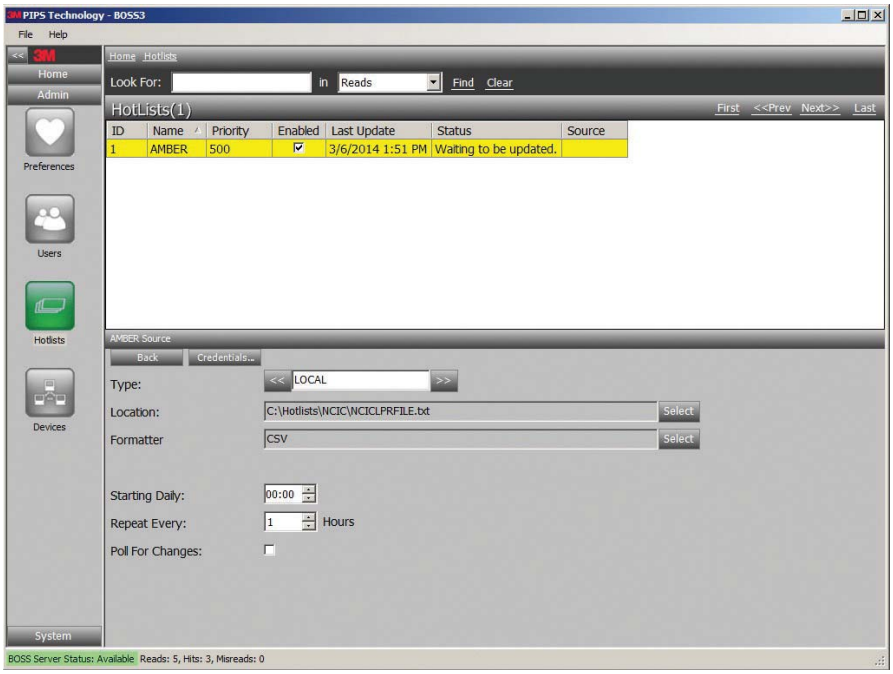
---

12. Select groups for Notification. Click the **Select** button to see a list of all BOSS groups. Click the checkbox next to a group to select the group. When you select a parent group, child groups are automatically selected. When desired groups are checked, click the **Save** button to make the selection.

Note: In order to receive alerts for hits on the hotlist, the user must be in the notification list of the hotlist. *For more information see Section 7.1.5, Defining Hotlist Advanced Options.*

7.1.2 Defining the Hotlist Data Source

1. On the New Hotlist Entry screen, click the **Source…** button to open the screen shown in the lower half of the following image:



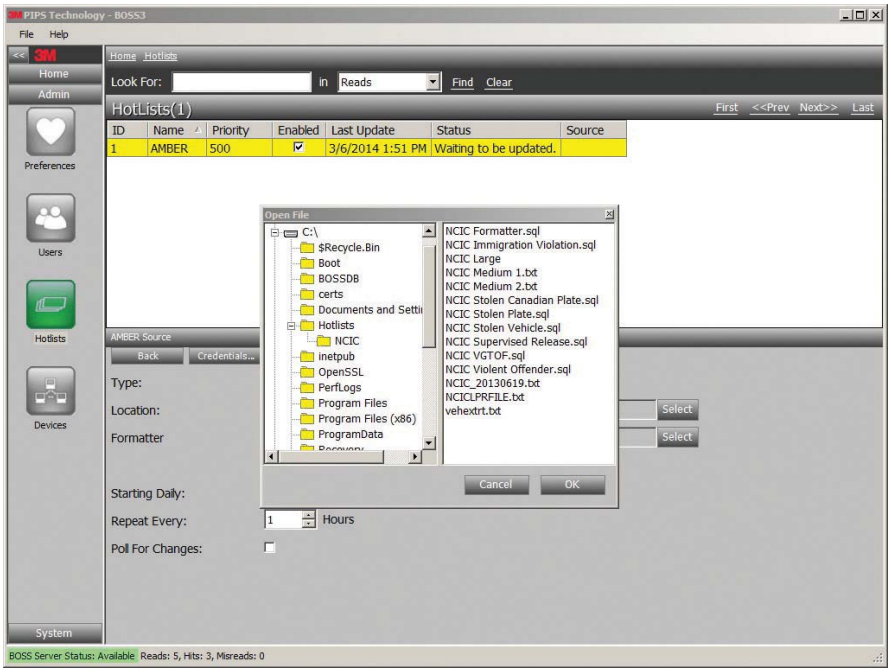
2. Choose the appropriate entries for each of the fields that describe the new hotlist:

   Type (**Network** or **Local**) – A local source means that the file is stored on the BOSS server's Windows file system. A network source means that the hotlist source resides outside the BOSS server.

Note: If a Local source is selected, the source file location (folder) must be accessible to the Windows process running the BOSS server application ("PIPS BOSS3" Windows service).

Location – Enter the location of the hotlist file. Click the **Select** button to the right of the location field.

For a local source, a file dialog will display, allowing you to navigate to a path and select a file.



For a network source, select one of the default locations displayed (if applicable), **or** type in the location of the source:

HTTP – The location format must be in Hypertext Transfer Protocol (HTTP) format: "http://server:port/path." There are a few predefined HTTP locations (such as CA DOJ) included in BOSS. These locations can be accessed with the **Select** button.

Remote BOSS System – The location format must be "boss://server:port/hotlist," where "hotlist" is the hotlist name on the remote system.

Note: The remote system hotlist name **MUST** be alphanumeric and **CANNOT** contain any spaces.

Formatter – Formatter defines the way a hotlist database file is parsed into discrete fields. Click the **Select** button next to the Formatter field. A list of available formatters appears. Click on the desired formatter and click the **Save** button to make the selection. The name of the selected formatter will appear in the field.

Note: Normally one of the several default formatters included with BOSS is sufficient. A new custom formatter can be created if necessary. *See Section 8.1, Creating a New Formatter for Hotlists, for more information.*

7.1.2 Defining the Hotlist Data Source *(continued)*

Starting Daily – Specify the time of day the hotlist should begin updating each day. The time is formatted as hours:minutes in the 24-hour clock, i.e., between 00:00 and 24:00 can be selected.

Repeat Every – Specify the time interval, in hours (1 – 24), between updates.

OR

Poll for Changes – If you choose this setting, BOSS will check for updates to the hotlist approximately every 30 seconds. When this option is selected, the **Starting Daily** and **Repeat Every** options are disabled.

Note: If **Poll for Changes** is selected, and the hotlist source resides on the network, BOSS will attempt to make a network connection every 30 seconds. This frequency may add significantly to network traffic. Use with caution.

7.1.3 ZIP Compressed Hotlist Files

BOSS will automatically recognize and extract a hotlist data file contained in a ZIP archive file, such as Windows Explorer compressed (zipped) folder.

Note: There can be only one file in the ZIP archive.

7.1.4 Defining Hotlist Source Credentials

Some sources will require credential settings (e.g., login information) in order to allow BOSS to access that data. To enter the Credentials Settings screen from the Hotlist Source screen, click the **Credentials** button.

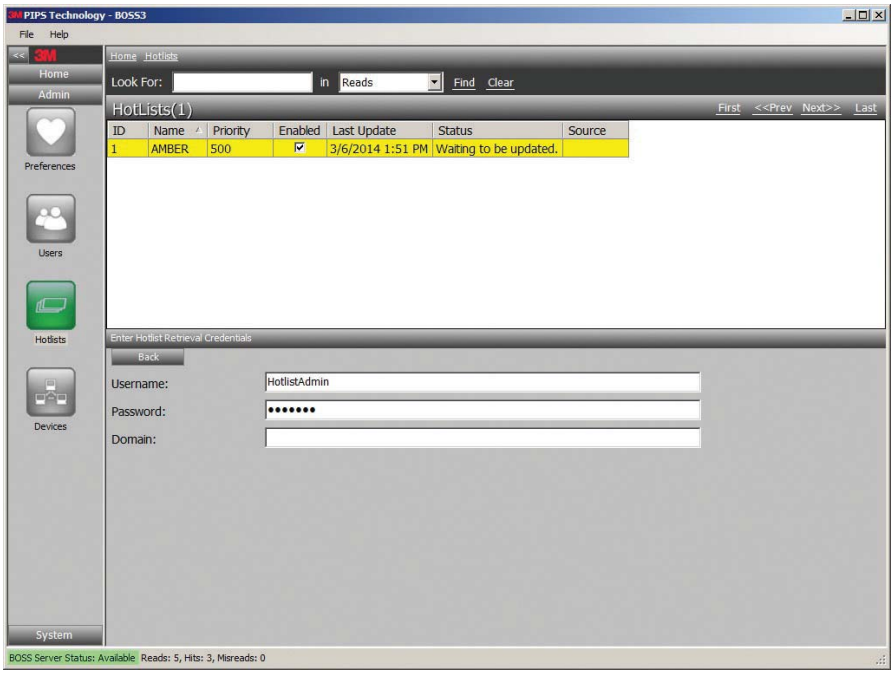
The credentials depend on the source type as follows:

Network-HTTP – If the HTTP (website) source defined requires login information, it should be entered in the Credentials Setting screen. This information will include username and password. The domain field may be necessary as well. Consult the Administrator of the HTTP source for required login information.

Network-Remote BOSS system – A username and password valid on the remote BOSS system must be entered (as in remote sites configuration, described in Section 6.0, BOSS Data Sharing). Consult the Administrator of the remote BOSS system for a username and password.

To set credentials for a source:

1. Click the **Credentials** button. The Credential Input screen appears.
2. Enter the username, password, and domain information applicable to the source you are specifying.
3. Click the **Back** button to return to the Source Entry form.
4. Click the **Back** button again to return to the New Hotlist Entry screen.



7.1.5 Defining Hotlist Advanced Options

Advanced Options are values that allow you to further define details of the new Hotlist. To access the Advanced Options, click the **Advanced…** button.

Covert – A covert hotlist is one that contains sensitive information that should only be available to certain user groups.

The effects of defining a hotlist as covert are as follows:

- A hit on the covert hotlist will not be alerted to users in mobile LPCS vehicles, unless the logged-on user is a LPCS Administrator.
- A hit on the covert hotlist will not be alerted in the BOSS application, regardless of the user alert preferences. Hit alerts for covert hotlists will be sent only via email.
- When reads are queried, hit information on covert hotlists will be displayed only to users in the Notifications list for the hotlist. Other users will see that the read is a hit, but no information will be shown.
- Hit information for hits from covert hotlists will not be sent to remote BOSS servers.

Whitelist – This option, when selected, defines the hotlist to be a whitelist, which works in reverse to a normal hotlist. A whitelist defines a list of plates that are **authorized** and not of concern. When a whitelist is active, license plates read that do ***not*** match an entry on the list will trigger a hit/alert.

7.1.5 Defining Hotlist Advanced Options *(continued)*

An example of whitelist use might be a secure parking lot where fixed camera devices are monitoring vehicles entering. Authorized plates will match entries in a whitelist hotlist. If a plate is read that does not match an entry in the whitelist, an alert occurs.

Whitelists and hotlists can be active simultaneously for a device.

Note: Whitelist support in LPCS requires a separate license. If you do not have the license and wish to use whitelists, please contact your 3M sales representative for further information.

Ext Trigger – This option, when selected, sets the External Trigger flag on a hotlist when it is passed to LPCS. It is only supported in LPCS version 2.6.6 or above and will have no effect on earlier versions of the software.

One Time – This option, when selected, specifies that the hotlist data should only be accessed from its defined source one time; no subsequent updating will occur after the initial import.

Alert Timeout – This setting allows you to define how current a hit (from this hotlist) must be in order to cause an alert. This primarily pertains to information coming in from mobile units, where there may be a large delay. Alert Timeout can be specified in minutes, hours, days, or months.

Delete Inactive – BOSS updates hotlists in an incremental manner, and instead of deleting hotlist entries that no longer exist, non-existent entries are marked as "inactive." If the entry subsequently becomes valid, the entry is marked as active again. The Delete Inactive value determines how long inactive entries are kept in the BOSS hotlist database.

Note: If LPCS mobile units are used, this value should be set to the longest time between begin shift downloads to LPCS.

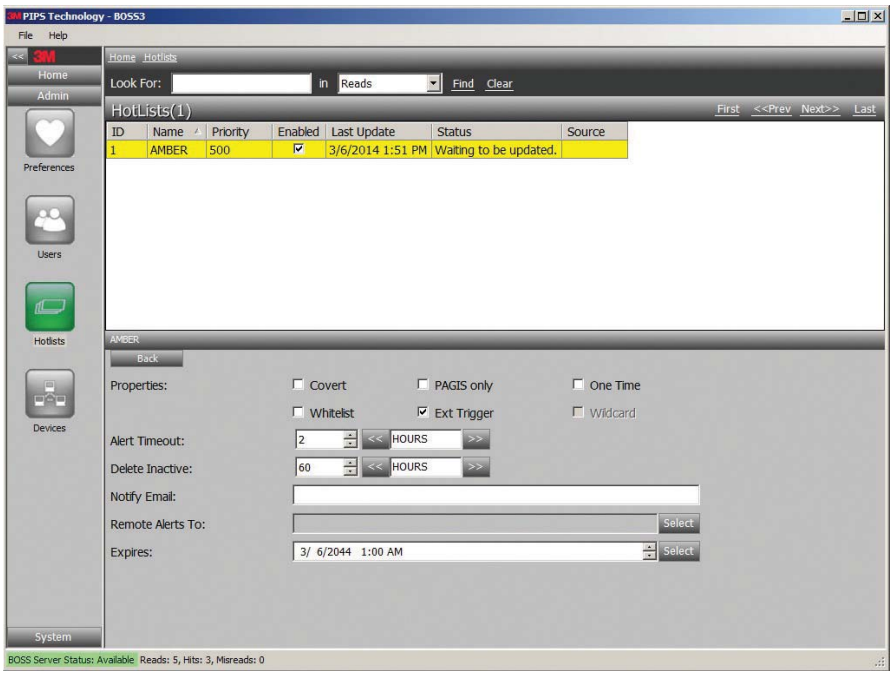
Notify Email – One or multiple email addresses may be defined to receive an alert when there is a hit. Multiple email addresses can be entered in the field, separated by a comma.

Remote Alerts To – Select the remote sites in which to send alerts. When a BOSS system sends an alert to a remote system, it is sent as a read; the remote BOSS system then determines whether to treat the read as a hit.

Note: This setting is only applicable if remote sites are defined.

Expires – Determines the date that the hotlist will stop importing data from its source. For a hotlist that is intended to be permanent, leave the expiration at the default value, 30 years from current date.

7.2 Enabling and Disabling a Hotlist



1. Select the **Admin** category on the Shortcut bar.
2. Click the **Hotlists** shortcut. A list of all hotlists appears in the Browse/Edit area.
3. Click the desired hotlist. Details for the selected hotlist appear in the Browse/Edit area.
4. Click the **Edit** button.
5. The Hotlist Edit screen appears in the lower half of the screen.
6. Click the **Disable** or **Enable** button.

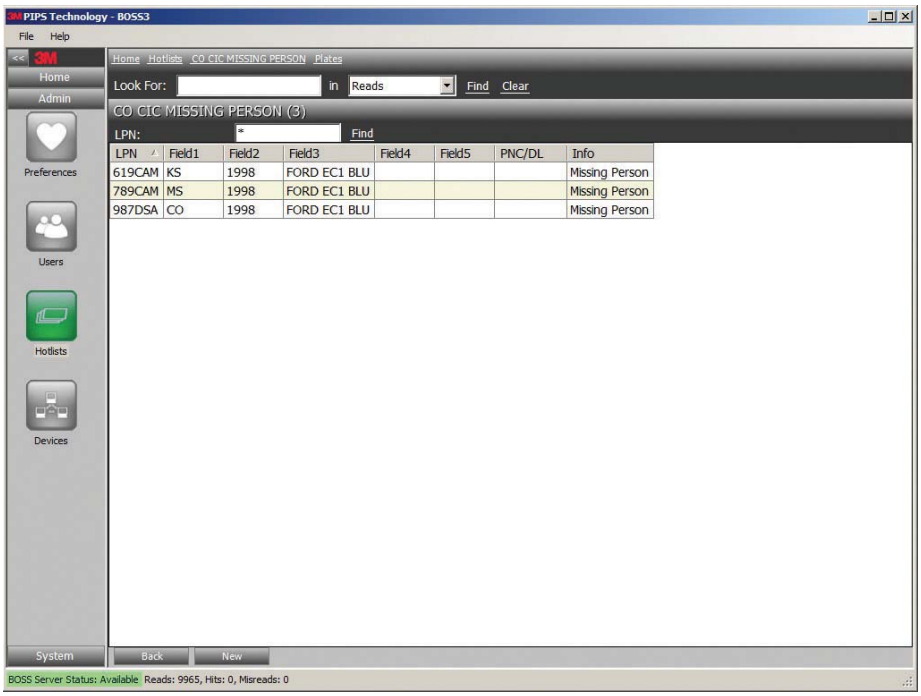
7.3 Modifying Hotlist Entries

BOSS allows viewing, adding, editing, and deleting hotlist entries.

Note: If the hotlist is set to update automatically, any changes to that hotlist made from within the BOSS User Interface application will be lost at the next automatic update.

7.3.1 Querying Hotlist Entries

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Hotlists** shortcut. A listing of all hotlists appears in the Browse/Edit area.
3. Click the desired hotlist. Details for the selected hotlist appear in the Browse/Edit area.
4. Click the **Plates** button.
5. The Hotlist Plates screen will be displayed.

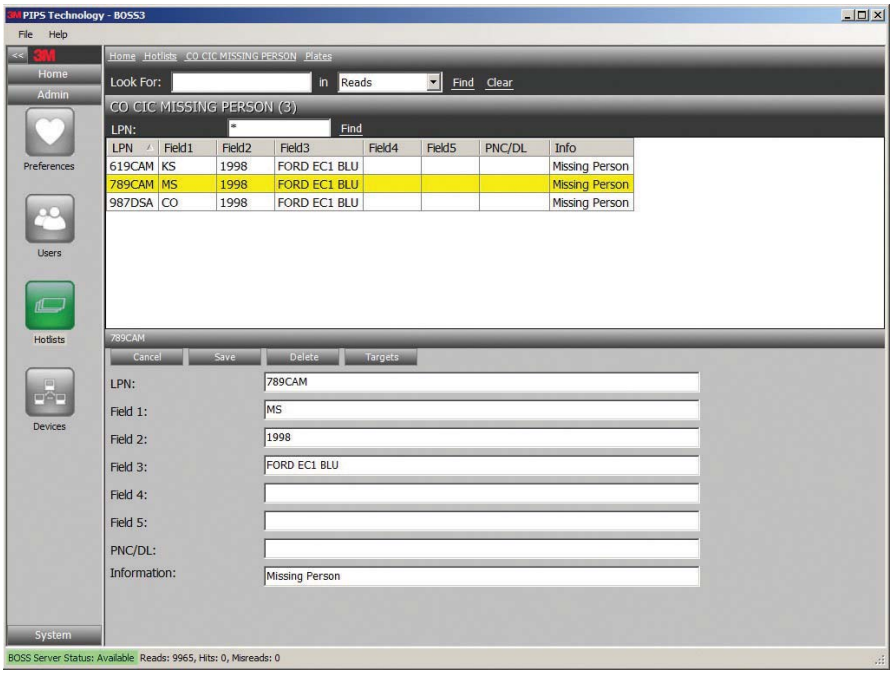


6. Type in the full or partial plate text to search for in the LPN field. (Wildcard searches are supported. *See Section 11.1, Wildcards, for more information.)*
7. Click on **Find**. License plates that match the criteria will be displayed. Note that only the first 1,000 matching license plates will be shown.

7.3.2 Editing a Hotlist Entry

1. Retrieve hotlist plates as instructed in the previous section.
2. Click on the row showing the desired plate.
3. The Plate Edit form will be displayed at the bottom of the screen.
4. Edit the field values as desired.
5. Click **Save** to save changes.

Note: Manually edited hotlist entries will be lost the next time the hotlist is updated.



7.3.3 Adding a Hotlist Entry Manually

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Hotlists** shortcut. A listing of all hotlists appears in the Browse/Edit area.
3. Click the desired hotlist to select. Details for the selected hotlist appear in the Browse/Edit area.
4. Click the **Plates** button.
5. Click the **New** button. The Plate Edit form will be displayed at the bottom of the screen.
6. Enter the **LPN** (mandatory) and other fields (optional).
7. Click **Save** to save changes.

Note: Manually added hotlist entries will be lost the next time the hotlist is updated.

7.3.4 Deleting a Hotlist Entry

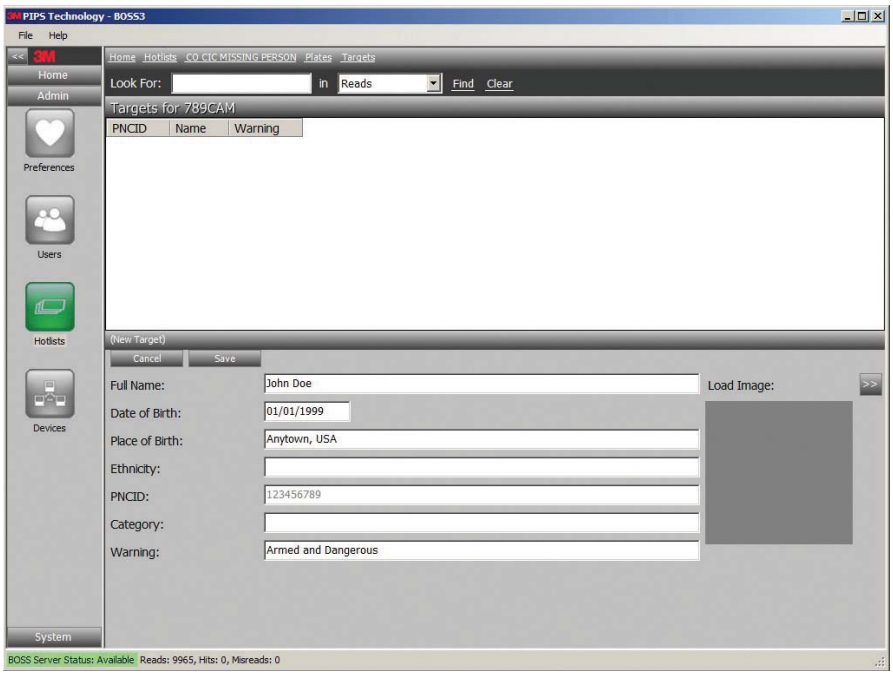
1. Retrieve hotlist plates as instructed in the Querying Hotlists Entries section.
2. Click on the row showing the desired plate. The Plate Edit form will be displayed at the bottom of the screen.
3. Click the **Delete** button.
4. Click **Yes** to confirm the deletion.

Note: Manually deleted hotlist entries may be re-added the next time the hotlist is updated.

7.4 Targets

Targets are individuals of interest associated with a license plate. Target information is downloaded to the LPCS mobile application from BOSS.

1. Retrieve hotlist plates as instructed in Section 7.3.1, Querying Hotlists Entries.
2. Click on the row showing the desired plate.
3. The Plate Edit form will be displayed at the bottom of the screen.
4. Click the **Targets** button. Information about the target will display.



7.4.1 Creating a New Target

1. Click the **New** button.
2. The Target Edit form will be displayed.
3. Fill in the fields, listed below, with appropriate values.

   Full Name – The first and last name of the target.

   Date of Birth – The date of birth of the target.

   Place of Birth – The location where the target was born.

   Ethnicity – The ethnicity (race or national origin) of the target.

   PNCID – This field can be used to enter any type of identification number that is available. In the UK this is the Police National Computer identification number of the target. This field is linked to the PNCID field in the hotlist information in the LPCS application. *See the sample INI configuration file in Section 5 of the 3M License Plate Capture Software User's Manual.*

   Category – The category of the target, such as Felon, Suspect, etc.

   Warning – The warning information to display to the officer.

   Load Image – An image of the target, such as a DMV photo or "mugshot," can also be associated with the Target record. Upload an image by clicking on the **Select** button and browsing to the image file. Supported formats include JPG, GIF, or BMP.
4. Click the **Save** button.

7.4.2 Deleting a Target

1. Access the Targets screen as described above.
2. Click the row containing the target to be deleted.
3. The Target Edit form will be displayed.
4. Click the **Delete** button.
5. Click **Yes** to confirm deletion.

8 Hotlist Formatters

Hotlist Formatters define the structure of source data that is imported into BOSS Hotlists. BOSS includes several default formatters when the software is installed. There are three types of formatters:

CSV (comma-separated values) – A flat text file containing one line for every record. Each field in the record is separated by a comma.

Fixed Length – A flat text file containing records that are all the same length. No separator characters are used to determine where each field ends and another begins, but rather, field and record lengths are known up front. In a fixed length file, padding spaces are used where necessary, to accomplish the correct field length.

NCIC (United States National Crime Information Center) – The NCIC database is a computerized index of criminal justice information (i.e., criminal record history information, fugitives, stolen properties, missing persons, etc.), that is available to law enforcement agencies 24 hours a day, 365 days a year. Several NCIC import sources/formats exist within BOSS.

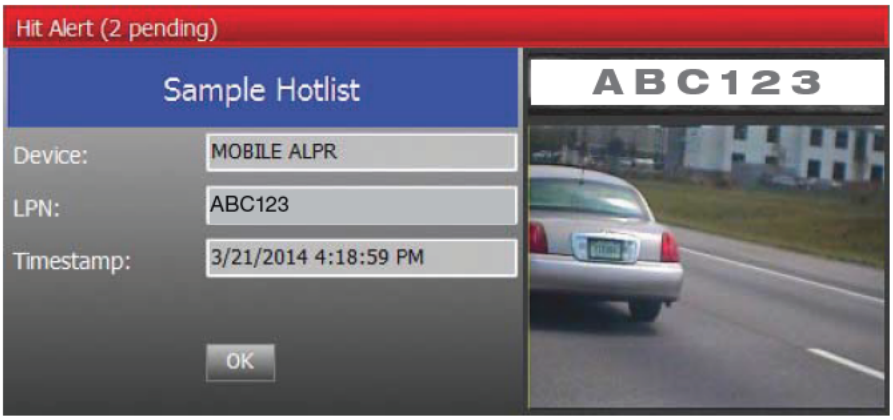
8.1 Creating a New Formatter for Hotlists

Normally, when creating a new hotlist, you will find that one of the default formatters can be used. However, BOSS does give you the flexibility to create new hotlist formatters. Creating a new formatter or modifying an existing formatter should be approached with caution and is beyond the scope of this manual. 3M provides BOSS training that details creating and modifying hotlist formatters in practice. *For more information, please contact 3M Technical Support.*

9 Alerts

BOSS can provide real-time alerts on-screen, via the BOSS User Interface application, or through email. In order to receive alerts through the BOSS application, **the logged-on user must be in a group that is assigned the Dispatch permission**. Email alerts can be sent to any BOSS user or email recipient.

A real-time alert for a hit can pop up on the screen at any time when the BOSS application is running, regardless of which screen the user has active. A sound associated with the hit will be played. Alerts will be queued until the user acknowledges them by clicking **OK**. Real-time alerting in the BOSS application can be turned off by clicking on the **Alerts** toggle button on the BOSS Home screen. The settings for real-time alerts can be modified through the Dispatch screen, *(see Section 10, Dispatch)*.



10 Dispatch

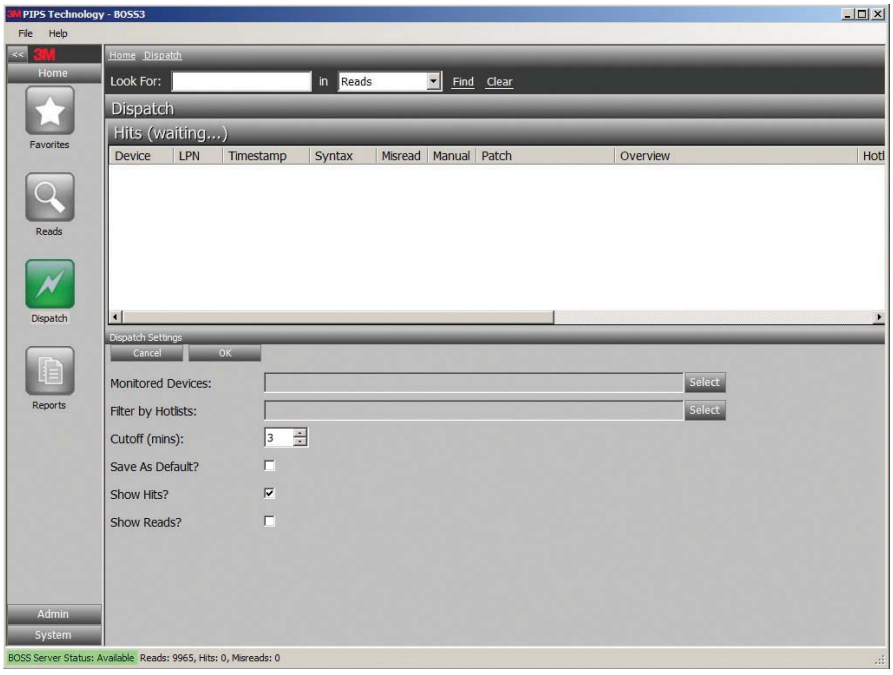
The Dispatch screen is a tool often used by first responder dispatchers. It enables them to easily view hits, monitor reads, and correct license plates as they enter the BOSS system. The information displayed is as near to real time as possible. For ease of viewing, there are three configurations that can be set:

- If only the hits are set to display, they will appear on the whole screen.
- Similarly, if only the reads are set to display, they will appear on the whole screen.
- If the dispatcher is monitoring both hits and reads, then the hits will be displayed on the top half of the screen and the reads will be displayed on the bottom half.

10.1 Dispatch Settings

Dispatch Settings allow you to choose the information shown on the Dispatch screen.

1. Select the **Home** category in the Shortcut bar.
2. Click the **Dispatch** shortcut.
3. Click the **Settings** button in the bottom of the Browse/Edit area.



4. The following settings are available on the Dispatch screen. Change these settings as desired:

   Monitored Devices – Camera sources can be selected or deselected from a pick list to control which ones will supply reads (and resulting hits) to the Dispatch screen. Individual dispatchers can focus on particular camera inputs by selecting/deselecting any combination of sources (one, multiple, or all) for monitoring.

   In large BOSS systems, it may not be practical for a single dispatcher to monitor all sources simultaneously. An organization may choose to assign individual dispatcher personnel to different sources or may select to focus on particular sources during certain time periods or events.

Filter by Hotlists – Hotlists may be selected to only show hits from designated hotlists. If there are no hotlists selected, hits from the monitored devices will be displayed.

Cutoff (mins) – The cutoff setting determines how current from the present time a hit or read must be in order to display on the dispatch screen This setting determines the number of minutes before data is discarded from the on-screen display. The maximum time is 10 minutes.

Save As Default – If checked, the current settings are saved and restored the next time the user logs in. Note that selected devices will always default to the devices where the user is configured to receive notifications in the Hotlist settings. *See additional information on notifications in Section 7.1.1, Configuring Basic Hotlist Settings.*

Show Hits? – If checked, hits will display in rows in the top section of the Dispatch screen as they occur. If this option is deselected, rows of hits are not displayed in this section of the Dispatch screen. However, pop-up alerts will still display for hits, regardless of this setting.

Note: If the **Alert Toggle** button is set to the **Off** position, hits and reads will not display in the Dispatch screen. *See Section 9, Alerts, for additional information.*

Show Reads? – If checked, all reads included in the devices selected in the Monitored Devices field display in the dispatch screen. By default, this option is not selected.

Note: Monitoring reads may slow down the BOSS server. It is recommended that reads are only monitored for diagnostics purposes.

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5. Click the **Save** button for the changes to take effect.

10.2 Dispatch Hits

For each row, the columns displayed are:

Device – The device where the read originated.

LPN – The license plate characters read in by a camera or manually entered by a user.

Timestamp – Date and time when the read occurred.

Syntax – The state or region of the plate, if available.

Misread – If checked, indicates that the hit resulted from a read that was marked as a misread.

Manual – If checked, indicates that the hit resulted from a manual entry (put in by a BOSS user).

Patch – A thumbnail image of the license plate.

Overview – Color overview picture of the vehicle.

Hotlist – The name of the hotlist from which the hit occurred.

Field1 … Field5 – Fields originating from the hotlist. The content and meaning of these fields vary depending on the composition of the hotlist.

PNC/DL – This field can be used for a driver's license (DL) number in US installations, but primarily used in United Kingdom installations for storing the UK Police National Computer identification number.

10.2 Dispatch Hits *(continued)*

Info – Commonly contains additional text associated with the hit record. When the hotlist source contains additional fields, the information from those fields is all stored in this one field.

Priority – Priority assigned to the hotlist, with a lower number being given a higher priority.

Annotation – Notes associated with the read. Annotations are entered by BOSS users.

10.3 Dispatch Reads

For each row, the columns displayed are:

Device – The device where the read originated.

LPN – The license plate characters read in by a camera or manually entered by a user.

Syntax – The state or region of the plate, if available.

Timestamp – The date and time when the read occurred.

Patch – A thumbnail image of the license plate.

Overview – Color overview image of the vehicle.

Misread – If checked, indicates that this record was marked as a misread.

Hit – If checked, indicates this read resulted in a hit.

Manual – If checked, indicates this read was input manually by a BOSS user, rather than originating from a device.

Annotation – Notes associated with the read. Annotations are entered by BOSS users.

10.4 Manual Entries

There may be times when a read must be manually entered or when a camera does not correctly read a plate. For example, if there was an obstruction between the camera and the plate, then characters may be missed in the read. For this reasons, manual entries can be completed by an authorized user via the Dispatch screen.

10.4.1 Adding a Manual Read

1. From the Dispatch screen, click the **Add** button. The Manual Entry screen appears in the lower half of the Browse/Edit area.

Note: The **Add** button will only be present if the logged in user has the Edit Access permission to reads.

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2. Enter the plate characters in the LPN field.
3. Click the **Select** button to the right of the disposition field.
4. Select the desired disposition(s) and click the **Save** button to complete the selection.
5. Click the **Save** button to finish saving the manual entry. If the “Manual Entries” device is not being monitored, the manual entry will not appear in the Dispatch screen.

10.4.2 Correcting Reads

1. In the Dispatch screen, double-click on the read to be corrected. The Manual Entry screen appears in the lower half of the Browse/Edit area.
2. Enter the plate characters in the LPN field.
3. Click the **Select** button to the right of the disposition field.
4. Select the desired disposition(s) and click the **Save** button to complete the selection.
5. Click the **Save** button to finish saving the corrected entry.

11 Querying Stored Data

The Reads screen allows for searching and viewing past read records on a local server or on a remote server that has granted access. Reads can be quickly searched by entering a license plate number. This screen also allows for more advanced queries where data can be filtered based on additional fields such as date ranges, location, and radius. Additionally, the Reads screen allows you to perform multiple queries with the use of tabs.

For the queried results returned, there are no limits to the number returned from a local server. To limit the impact on outside systems, there is a limit of 1,000 records returned from a remote server. A maximum of 1000 records will be displayed per page.

Note: Depending on factors such as the size of the BOSS database, the speed of the server, the bandwidth of the connection between client and server, and the parameters of the query, there may be a delay before the results are displayed. A status bar will display that shows that the query progress.

11.1 Wildcards

Wildcards are special characters that represent any alphanumeric character and can be used in searches and queries. Wildcards can make finding a match easier because they can define a portion of the criteria to be ambiguous. Wildcards supported in BOSS are described in the following table.

WILDCARD USED	REPRESENTS
a%	Any values that start with the letter “a”
a	Any values containing “a”
% or *	Any/all values
a_	Any values that are exactly two characters long and start with “a”
_a*b	Any values that have “a” as the second letter and end with “b”
[abc]*	Any values that start with “a”, “b” or “c”

11.2 Quick Search Bar

The Quick Search bar is always visible and available on the top of the BOSS screen regardless of the category or shortcut currently selected. This feature allows for quick, simple searches of various BOSS data.

1. Type the value to search for in the Look For field. This value can include wildcard characters. Multiple values can be entered separated by a comma (e.g., ABC123, XYZ234). However, wildcard values cannot be used when searching for multiple values.
2. In the “In” drop-down box select an area to search. The available options are **Reads**, **Hotlists**, **Users**, **Group Users**, **Groups**, **Devices**, and **Sites**. These areas are described below.
3. Click the **Find** link to initiate the search. The results will be displayed in the Browse/Edit area of the screen.

11.2.1 Quick Search Fields

When performing a query using the quick search feature, keep in mind that the search is performed in one significant area that can be selected. The search is then run against the significant field in that area, not all fields in that area. For example, when performing a quick

search in Users, the text entered is compared against the Username field of all user records. However, it is not compared to the display names for users. The following is a list of the fields used in the Quick Search:

SEARCH IN AREA	FIELD USED FOR SEARCH
Reads	LPN
Users	Username
Groups	Group Name
Site	Site Name
Hotlists	Hotlist Name
Group Users	Group Name
Devices	Device Name

11.3 Query Result Navigation Icons

Just above the query results are navigation icons that facilitate moving through the data results. These icons can be very useful for larger result sets, providing an easy way to move through records.



Move to the very beginning of the data results, i.e., the first record.



Move backward through the data results.



Move forward through the data results.



Move the very end of the data results, i.e., the last record.

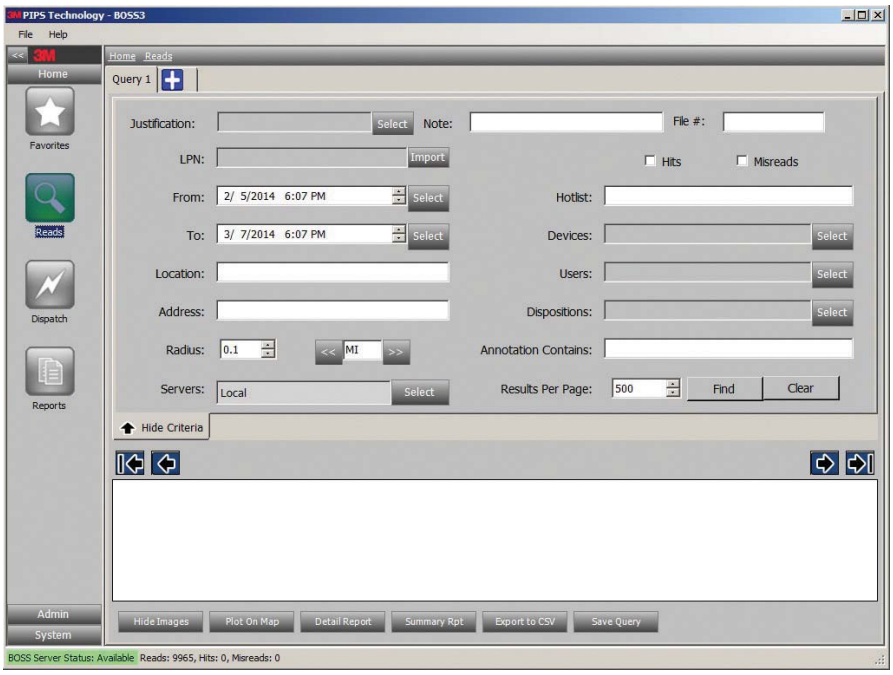
11.4 Advanced Reads Queries

The Reads screen allows for searching and viewing past read records. Reads can be quickly searched by entering a license plate number. The Reads screen also allows for more advanced read queries where data can be filtered based on additional fields such as date ranges, location, or radius. As indicated earlier, a maximum of 1000 records will be displayed.

11.4.1 Performing an Advanced Reads Query

1. Select the **Home** category on the Shortcut bar.
2. Click the **Reads** shortcut.
3. Enter desired query criteria *(see the following section, 11.4.2, Entering Advanced Reads Query Criteria)*. All fields do not have to be filled in. Leaving a query field blank simply means there will be no filtering on that field.
4. Click the **Find** button to run the query.

11.4.2 Entering Advanced Reads Query Criteria



The query criteria fields are:

LPN – Full or partial (using wildcards) license plate number.

From – The start date and time for reads to be retrieved. Either click the **Select** button to display a calendar for quick selection, or type in the date.

To – The end date and time for reads to be retrieved. Either click the **Select** button to display a calendar for quick selection, or type in the date.

Location – The location as entered in the LPCS application *(see the 3M License Plate Capture Software User's Manual for more information)*.

Near Address – An address to use as the center of a radius search. The address format depends on the mapping system used but typically street name, house number, city and state, or zip code can be entered.

Radius – When a Near Address filter is entered, the search radius from the center point **must be** entered here.

Servers – Information can be queried from one or more remote BOSS servers. Click the **Select** button to display a list of authorized BOSS servers.

Justifications – Select the justification that best describes the purpose for the query being performed. This field will only be displayed if Justifications have been enabled in the System Parameters. *See Sections 15.3.2, List of BOSS System Parameters, and 15.7, Justifications, for more information.*

Justification Note – Enter any additional information necessary to more accurately document the query being performed. This field will only be displayed if Justifications have been enabled in the System Parameters. *See Sections 15.3.2, List of BOSS System Parameters, and 15.7, Justifications, for more information.*

Hits Only – If checked, only hits are queried.

Misreads Only – If checked, only reads that are marked as misreads are queried.

Hotlist – A search on hits can be limited to a specific hotlist, which can be entered here.

Devices – A query can be narrowed to reads originating from a particular device. Click the **Select** button to display a list of devices, select one or more.

Users – A query can be narrowed to reads originating by a particular user. Click the **Select** button to display a list of users and select one or more.

Note: The username can also be typed in.

Dispositions – A query can be narrowed to reads with a particular disposition. Click the **Select** button to display a list of dispositions. Then select one or more dispositions.

Annotation Contains – If text is entered in this field, only reads that contain the text in the annotation field are queried.

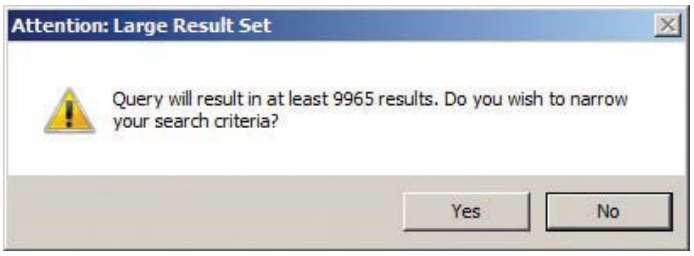
Results Per Page – The maximum number of reads that will be displayed. The default is 500, the maximum is 1,000.

Clear – If clicked, the fields on the current tab will be returned to their default values.

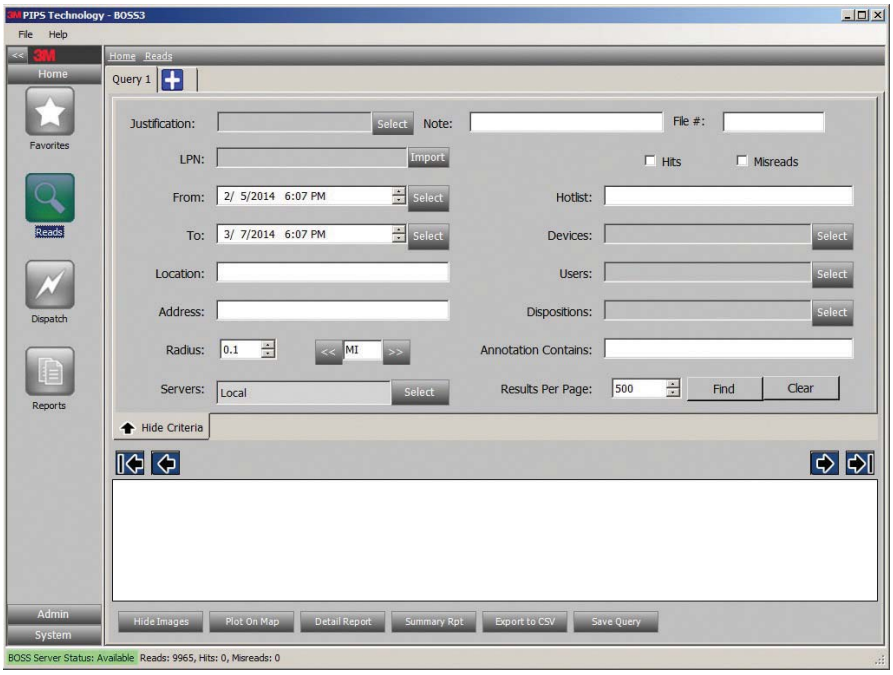
11.4.3 Managing Query Results

With the ability to obtain any number of results from a local server comes the option to narrow the potential results to be returned. If a large number of results will be returned based on the criteria entered, a message is displayed asking if the search criteria should be narrowed. If you select **Yes**, the search criteria is redisplayed offering the chance to make any necessary changes to reduce the results. If you select **No**, the query is performed based on the current criteria selections.

Note: A large number of results can take several minutes to be displayed.



11.5 Multiple Query Tabs



With Query tabs, users can perform multiple queries at a time. By clicking on the last tab, which contains the plus icon, you can access additional Reads Query screens. Enter the desired search criteria on each new screen to obtain additional information through the varying results. Each query can be given a descriptive name by right-clicking on the tab, and obsolete queries can be removed the same way.

11.6 Cross-Referencing External Data

BOSS allows cross-referencing external data, such as DMV information. To query BOSS based on external information, take the following steps:

1. Create a CSV text file containing the license plate numbers to be cross-referenced. **The license plate number must be in the first field.**
2. Open the Reads Query screen.
3. Click the **Import** button next to the LPN field.



4. Click **Open** to import the plate numbers. A maximum of 50 plate numbers can be referenced at a time. Imported plate numbers will show up in the LPN field:



5. Enter other query criteria, as needed, and click **Find** to run the query.

11.7 Working with Queried Reads

11.7.1 Viewing Query Results

The results of both Quick Searches and Advanced Reads Queries are presented in the same manner.



The columns displayed are:

LPN – The plate text (characters) read in by a camera or manually entered by a user.

Timestamp – The date and time when the read occurred.

Patch – A thumbnail image of the license plate.

Overview – The color overview picture of the vehicle.

Device – The device where the read originated.

Site – The site where the read originated.

Misread – Indicates whether the read was marked as a misread by a user.

Hit – Indicates whether the read is a hit.

Manual – Indicates whether the read was entered manually.

Login – The username logged into the device at the time the read originated.

Location – The location entered in the LPCS system. *See the 3M License Plate Capture Software User's Manual for more information.*

Latitude – The latitude coordinate of the device at the time the read originated.

Longitude – The longitude coordinate of the device at the time the read was originated.

Hotlist – The name of the hotlist that produced the hit.

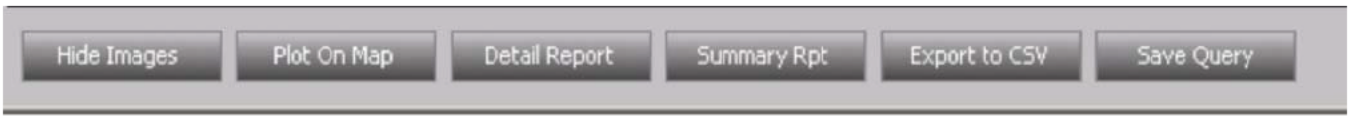
Field1 … Field5, PCNID, Information – Information from the hotlist that produced the hit.

Annotation – Annotations entered for the read.

Server – The name of the server that has provided this information. This can be a local or remote server.

11.7.2 Query Results Actions

There are several button options available at the bottom of the Reads Query Results screen that offers additional uses of the data results.



Hide Images/Show Images – Used to remove the image columns, patch and overview, from the view. This can be done to provide more room for text fields to be displayed. When clicked, the **Hide Images** button's caption changes to **Show Images.** When the button is clicked again, images will again be displayed.

Plot On Map – When clicked, any selected records will be plotted on a map. One or multiple records can be selected by clicking the checkbox in the first column of the record. To select all of the records, click the checkbox in the headings column.

Detail Report – Click to generate a detailed report of selected reads. To select one or more records, click the checkbox in the first column of the record. To select all of the records on the current page, click the checkbox in the headings column. Use the navigation buttons to move to additional pages to select additional records.

Summary Rpt – Click to get a summary report of selected reads. To select one or more records, click the checkbox in the first column of the record. To select all of the records on the current page, click the checkbox in the headings column. Use the navigation buttons to move to additional pages to select additional records. To include all results choose the **All Results** option in the Reads Summary Detail Report option box.

Export to CSV – Click to save the results to a file in a CSV format. Select to save the current page or all results provided. Use the navigation buttons to move to additional pages to select additional records.

Save Query – Click to save the query criteria as a favorite for future use. *See Section 11.8, Favorites, for more information.*

11.7.3 Viewing Read Details

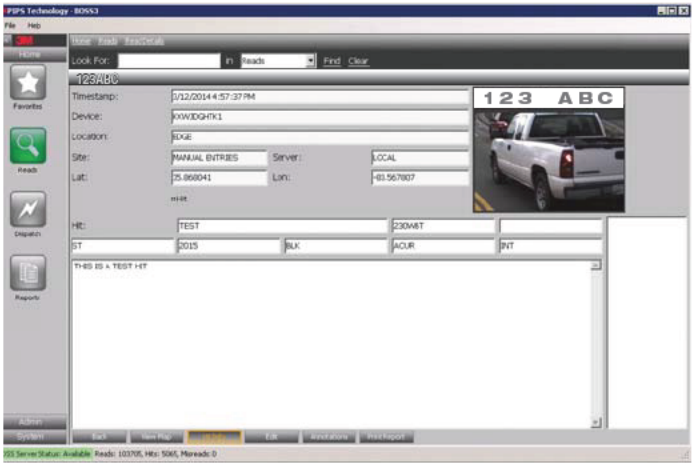
Click a row in the query results to view the details of the record.



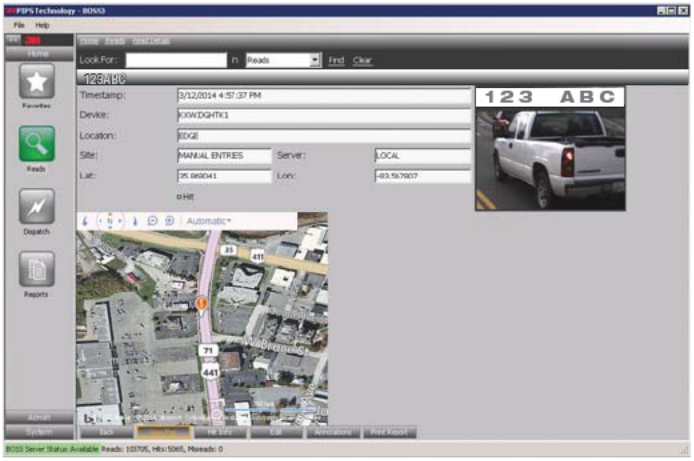
The Read Details screen displays the license plate text in the title. The timestamp, originating device, site, and geographical coordinates are displayed below. The plate patch and vehicle color overview images are on the right.



The vehicle color overview picture can be enlarged by clicking on the picture. Use a mouse scroll wheel or the cursor up and down keys to resize the image. Left-click on the enlarged image to close. Right-click on the image to copy the image to the Windows Clipboard.

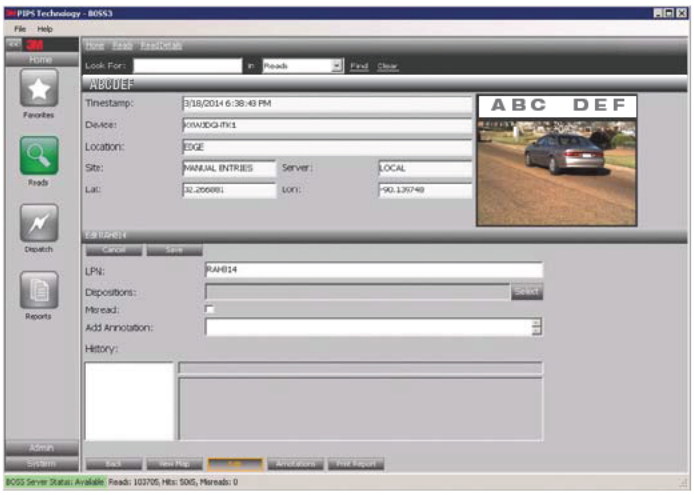


If the read is a hit, details of the hit can be displayed by clicking on the **Hit Info** button at the bottom of the screen.



A map plotting the location where the read occurred can be displayed by clicking on the **View Map** button.

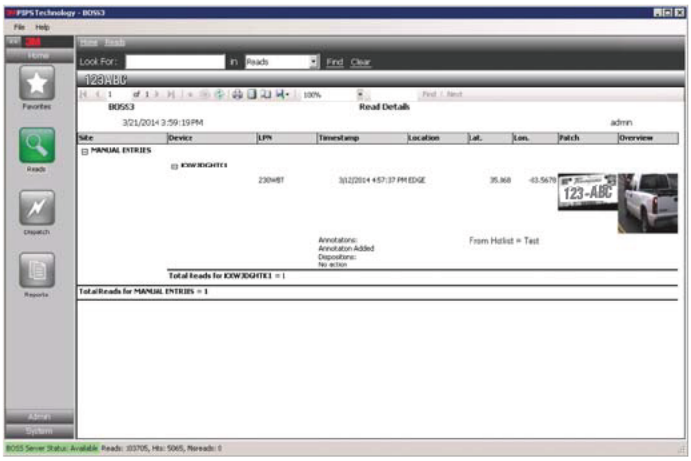
11.7.3 Viewing Read Details *(continued)*



Use the **Edit** button to correct the plate text and/or assign a disposition and annotation to the read. Click on **Save** to save the changes. The plate text can also be marked as misread if the read information is found to be incorrect.



Annotations associated with the read can be viewed by clicking on the **Annotations** button.



A report containing the read's details can be printed by clicking on the **Print Report** button.

11.8 Favorites

Favorites are read queries that use specified criteria, which have been saved. Favorites can be reused, which allows the user to quickly perform frequently needed queries without having to define the parameters each time. Favorites are specific to each user.

11.8.1 Creating a New Favorite

1. Select **Home** on the Shortcut bar to access its icons.
2. Click on the **Read** shortcut.
3. Enter the desired query parameters in the Browse/Edit area (e.g., data range, location, radius, servers).
4. Click the **Go** button to run the query.
5. When the query results window appears, click the **Save Query** button.
6. A dialog box will appear, prompting for a name. Enter a descriptive name for the new favorite.
7. Select the **Use Relative Date Range** option if desired.

   Use Relative Date Range Option – If this option is selected when saving a query, and when the resulting favorite query is run in the future, it will use a From and To date and time range relative to the From and To date and time entered for the original query. It will not use the actual range entered in the original query. Also, it is important to remember that the time span between the From and To date and the time range used is relative to the date and time when the original query was run.

   Consider a query that is saved as a favorite and originally defined on 8/9/20xx to search reads between 8/02/20xx and 8/8/20xx (the prior week). If the Relative Date Range option is selected, the query is saved to always run against the prior week rather than those actual dates. If the Favorite option is invoked on 12/3/20xx, it will return results from 11/26/20xx through 12/2/20xx. It is important to note that the results will be relative to the actual time of the original query and when it is rerun. Suppose you run a query at 5 pm today to search for reads occurring between 9 am and 5 pm and save it as a favorite. When you run the query again tomorrow, it will search for reads that occurred eight hours **before** the current time, which may not necessarily fall between 9 am and 5 pm.
8. Click **OK** to complete. The query definition is now saved as a favorite and can be accessed at any time.

11.8.2 Activating a Favorite

1. Select the **Home** category in the Shortcut bar (if not already selected).
2. Click the **Favorites** shortcut.
3. A listing of all favorites is displayed in the Browse/Edit area.
4. Click the desired favorite. (The selected favorite will be highlighted in yellow.)
5. Click the **Go** button in the bottom area of the Browse/Edit area.
6. The query results will appear in the Browse/Edit area.

11.8.3 Deleting a Favorite

1. Select the **Home** category in the Shortcut bar (if not already selected).
2. Click the **Favorites** shortcut.
3. A listing of all favorites is displayed in the Browse/Edit area.
4. Click the desired favorite. The selected favorite will be highlighted in yellow.
5. Click the **Delete** button in the bottom area of the Browse/Edit area.
6. Press **Yes** to confirm deletion.

12 Reports

Several reports are included, automatically, with a new BOSS installation. These reports are available for use as soon as a BOSS Administrator assigns role permissions to the reports.

12.1 Running a System Report

1. Select the **Home** category on the Shortcut bar.
2. Click the **Reports** shortcut.
3. The Browse/Edit area will display a list of available reports. (Reports to which the user does not have permissions are not displayed.)
4. Click the desired report. The selected report is highlighted in yellow. Parameters for the report appear in the bottom of the Browse/Edit area.
5. Select **Date Range**. All reports call for From and To dates to define the time range for the report data. By default, the values in these fields define a report for the most recent two weeks. You can change these dates by typing different information into these fields, using the **Up/Down** arrow keys to the right of the field or by clicking the **Select** button to the right of the field and selecting a date on the calendar and then clicking the **Save** button.
6. Some reports also permit you to filter report results by user(s). For example, the pictures report, which reports pictures taken in LPCS, allows you to define one or more users to report on.
7. Once desired parameters are selected for the report, click the **Go** button. The report screen immediately displays, indicating that the server is generating the report until results are displayed.

12.2 Viewing and Printing Reports

The Report screen displays the date and time the report was generated and the title of the report in the heading area. When you place your mouse above a shortcut on the Report Shortcut bar, a label appears indicating what the shortcut button does. Note that some of the buttons on the Shortcut bar are not relevant to BOSS reports and are therefore disabled.

The Report Results Shortcut bar icons are as follows:



First Page – Return to the first page of the report.

Previous Page – Go to the previous page of the report.

Page Input – In this text box, type in a particular page number to bring up on screen.

Next Page – Go to the next page of the report.

Last Page – Go to the last page of the report.

Stop Rendering – This button can be used to cancel the report processing. This can be helpful if a large report was initiated, but is no longer desired.

Refresh – Refresh the report using the most current BOSS data.

Print – Print the report.

Print Layout – Toggle between available print layouts.

12.2 Viewing and Printing Reports *(continued)*

Page Setup – Choose among the options for standard page setup, such as page orientation, and paper size.

Save As – Excel/PDF/Word – Save the current results to a Microsoft Excel (.xls), an Adobe Portable Document Format (.pdf) or a Microsoft Word (.doc) document.

Width Zoom Setting – This drop-down list allows you to select a zoom view for the report results on the screen.

12.2.1 Viewing the Login Statistics Report

1. Select the **Admin** category on the Shortcut bar.
2. Click the **Devices** shortcut.
3. Click the **Logs** button at the bottom of the screen.



4. Click **Go** to view the Login Statistics Report.

   Begin Date – Select the start date for the report.

   End Date – Select the end date for the report.

   Selected Users – Select the users to include in the report. Click the **Select** button. Click the checkbox of the desired user. Click on the **Save** button.

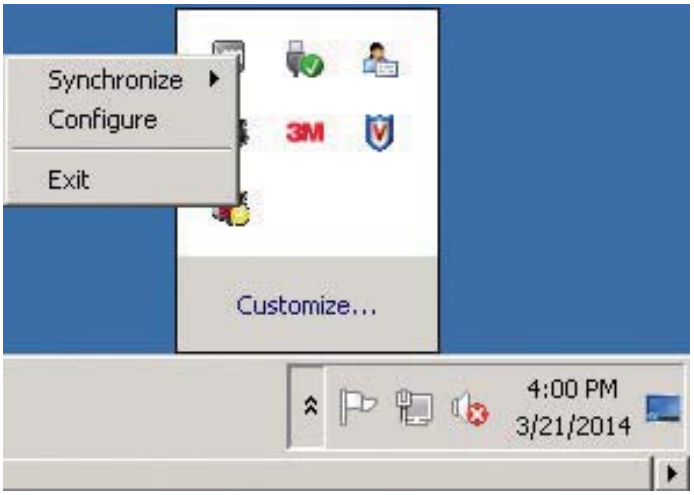
13 Client Tools

The Client Tools utility is used to transfer any necessary files needed for a shift from BOSS to an LPCS system that is being run in the Disk Sync mode. After the completion of a shift, Client Tools can then be used to transfer read data files captured during a shift into BOSS. The utility is configurable and processes files stored on a local, network, or USB flash drive. Like Smart Client, the Client Tools utility does not have to be run on the BOSS server; it can be configured to access the server via an IP Address.

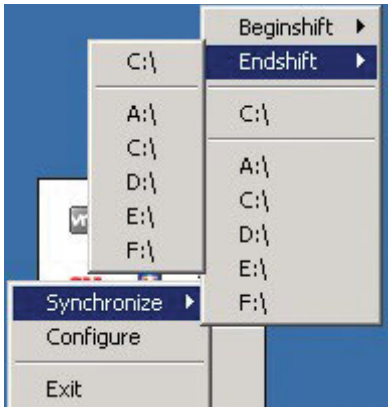
Client Tools does not have a customary interface. Once the utility is started, the Client Tools icon will appear in the Windows System Tray.

Before use, Client Tools must be configured, which is described in Appendix 17. Once the Client Tools has been configured, it can now be used to synchronize information between BOSS and LPCS:

1. To start, right-click on the **Client Tools** icon.



2. Select **Synchronize.** The next menu displayed is divided into three sections.
    a. The first section allows the user to select either **Create Begin Shift Files or Synchronize End Shift Files.** When either option is selected, the next menu is displayed. It is divided into two sections; it is the bottom two sections of the previous menu and functions the same way.
    b. The second section displays the path defined during configuration. This is a shortcut to perform Begin Shift and End Shift at the same time, storing the Begin Shift files in the defined location and processing the End Shift files at the defined location. If there are no End Shift files to process, this feature will be complete after the Begin Shift file is created. No error message will be displayed if the End Shift files are not found.
    c. The last section lists the drive letters currently on the workstation. If one is selected, Client Tools will perform a Begin Shift first and store the files at the root of the drive selected. Then Client Tools will check to see if there are End Shift files at that location. If found, the files will be processed. If not found, the synchronization process is complete. No error message will be displayed. This is an additional option if the configured drive is not currently available.



Note that once End Shift files have been processed, they are deleted.

14 Archiving Data

It is possible to archive reads that have accumulated in the BOSS database. Based on settings that are configurable in System Parameters, reads that meet the specified criteria are transferred from the main BOSS database to an archived BOSS database. *(See Section 15.3.2, List of BOSS System Parameters, for additional information on configuring this feature.)*

Once enabled, this process is handled by the BOSS server. There should be no noticeable difference to a user logged into a BOSS Smart Client when reviewing or reporting on stored reads. The only indication in the BOSS Smart Client that reads have been archived will be on the BOSS Home screen. The user will be able to see a calculable difference between the reads and hits counts compared to the total reads and total hits counts. The difference between the values will be the number of reads and hits stored in the archived database.

15 System Settings

15.1 Sessions

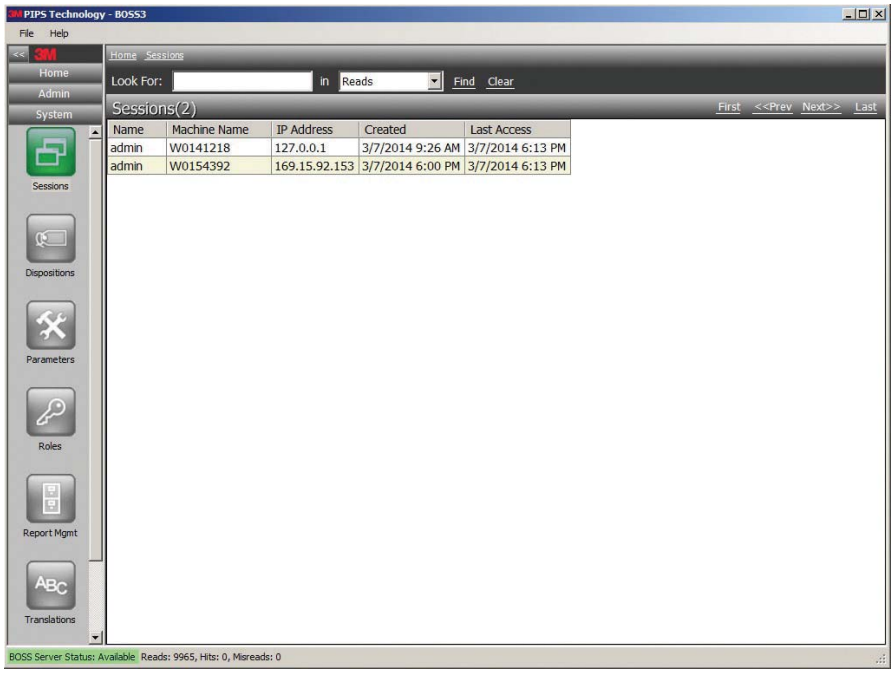
The Sessions screen allows for viewing the current list of logged-on BOSS users. Each login on each computer utilizes a concurrent license of the software. Since BOSS is licensed per concurrent active session, a BOSS Administrator may need to have a session disconnected in order to release a session license. A BOSS Administrator can force a session disconnect in the Sessions screen.

Note: BOSS allows a single "admin" login to access BOSS even if the number of concurrent sessions has been exhausted. *Please see Section 2.1, BOSS Administrator Login, for more information about the "admin" username.*

15.1.1 Viewing and Disconnecting Sessions

1. Select the **System** category on the Shortcut bar.
2. Click the **Sessions** shortcut. A list of current user sessions appears in the Browse/Edit area.
3. The heading in the Browse/Edit area indicates the total number of current sessions.
4. Click on a session to see details in the bottom half in the Browse/Edit area.
5. To disconnect, click the **Disconnect** button that appears in the detail area, and click **OK.**

Note: You cannot disconnect your own session in this manner. To disconnect your own session, simply log off the BOSS application.



15.1.2 Workstation Power Management and Sessions

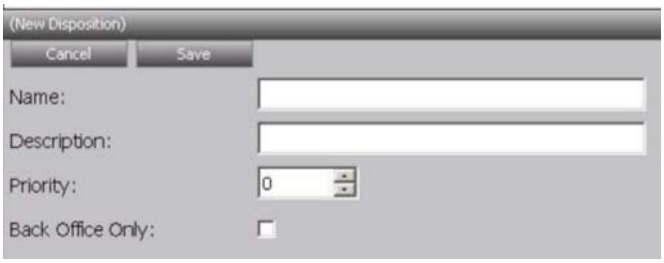
Using Windows Power Management to hibernate or suspend a workstation running the BOSS Smart Client will cause the session in BOSS to be terminated after five minutes. When the workstation is resumed from hibernation or a suspended state, the user will have to log in to BOSS again.

15.2 Dispositions

Dispositions are pre-defined classifications that can be assigned to hits. “Arrest Made,” “Vehicle Recovered,” “Surveillance Established” are examples of dispositions. A BOSS Administrator is able to define any number of dispositions for her system. Users can then use those dispositions to specify the action taken or the status of the hit. A new BOSS system will have a Default Disposition category that includes one disposition of “No Action.” Additional categories can be defined as needed.

15.2.1 Defining a New Disposition

1. Select the **System** category on the Shortcut bar.
2. Click the **Dispositions** shortcut. A list of all current dispositions appears in the top of the Browse/Edit area.
3. Click the **New** button in the bottom of the Browse/Edit area.
4. Enter a name for the disposition. If adding it to the default category, simply enter the name of the disposition. If adding it to a new category, the format of the name should be [Category : Disposition Name], i.e., **Auto :Vehicle Recovered.**
5. Enter a **Description** for the new disposition.
6. Specify a **Priority** for the disposition. (A lower number means a higher priority.)
7. Select the **Back Office Only** option if the disposition should not be available only in the Correct Reads screen in BOSS, and not exposed in LPCS.



15.2.2 Deleting a Disposition

1. Select the **System** category in the Shortcut bar (if not already selected).
2. Click the **Dispositions** shortcut.
3. A list of all dispositions is displayed in the Browse/Edit area.
4. Click the desired Disposition. The selected disposition will be highlighted in yellow.
5. Click the **Delete** button in the bottom area of the Browse/Edit area.
6. Press **Yes** to confirm deletion.

15.3 System Parameters

System Parameters allow for configuration parameters for a BOSS system. System parameters only need to be configured during initial system configuration and normally do not need to be modified again after that.

15.3.1 Editing System Parameters

1. Select **System** from the left Shortcut bar.
2. Click on the **Parameters** button in the Shortcut bar.
3. Click on the desired parameter in the right Browse/Edit window. The bottom pane of the Browse/Edit window will display the entry field for the selected parameter.
4. Modify the parameter value as desired and click the **Save** button.

15.3.2 List of BOSS System Parameters

arc_ActiveRetentionDays – This setting dictates how long reads will be maintained in the BOSS database. After reads have been stored for this time, they will be moved to the archived database, creating space for additional reads in the main database. The default setting is 730 days but can be varied based on the size and needs of the system.

arc_ArchiveDBRetentionDays – This setting dictates how many days to retain an archived database. After an archived database has been stored for this time it will be removed, creating space for additional archived databases. The default setting is 0 days, which indicates that the archived databases will never be removed, but the number of days can be modified based on the size and needs of the system.

arc_DatabaseLocation – This setting allows the user to specify where the archived databases should be saved. A blank entry will save them in the SQL default location.

arc_Enabled – To allow the BOSS server to archive aged reads and free up space, enable archiving by setting this to 1. When archiving is not desired, this setting should be 0.

arc_EndOfMonthCutOff – This setting forces a restriction on the size of the archived databases, so that nothing will be added after the end of each month. The default setting is disabled (0). To enable the setting, change the value to 1.

arc_MaxSize – This setting allows the Administrator to determine the number of reads that can be stored in the archived database. The default value is 1 million and can be varied based on the size and needs of the system. Once an archived database has reached this maximum number of records, a new archived reads database will be created.

audit_Justification_FileNumberRequired – When this setting is enabled (1), users performing read queries are required to enter a file number.This information will also be listed in the audit report. The default setting is disabled (0).

audit_Justification_NotesRequired – When this setting is enabled (1), users performing read queries are required to enter a justification note. This information will also be listed in the audit report. The default setting is disabled (0).

audit_JustificationEnabled – When this setting is enabled (1), users performing read queries are required to select a pre-defined justification. This information will also be listed in the audit report. The default setting is disabled (0).

data_CaptureUsageStatistics – When this setting is enabled (1), information sent from a LPCS device that has been modified due to Privacy settings will still be utilized to generate usage statistic reports. The default setting is disabled (0).

hls_HotListDeltas – When this setting is enabled (1), updated hotlists will be deployed in full. Changing the setting to disabled (0) will cause only the changes made in the updated hotlists to be deployed.

15.3.2 List of BOSS System Parameters *(continued)*

Proxy_uri/proxy_username /proxy_password/proxy_domain – These settings are only necessary if there is a proxy server involved that requires authentication for connection. Enter a valid Uniform Resource Identifier (URI), username, password, and domain in the associated fields to allow communication through the proxy server. Consult the network Administrator for proxy authentication information

purge_Minutes – This setting is the time, in minutes, between each session of purging or archiving. The default value is 15 minutes and is configurable to any value of 1 minute or greater.

purge_ReadCount – This setting is the number of records to be processed by the purging or archiving process per session. It can be any value, but setting it according to system limitations is recommended because the process can be resource intensive if set too high.

readQuery_fromDate – This setting allows the user to adjust the default From date on the Reads Query screen. Any value can be entered and it is used to decrement from today. Example – a value of 7 would result in a From date seven days earlier than today.

readQuery_toDate – This setting allows the user to adjust the default To date on the Reads Query screen. Any value can be entered and it is used to incremented from today. Example – a value of 7 would result in a To date seven days later than today.

rq_ReaperHours – This setting manages how long to retain a temporary database table created when running certain read queries. This allows the user to continue to review the results of those queries for a longer time. The default is a minimum of 48 hours, and there is no maximum value.

smtp_SenderName – In order for the BOSS server to send alerts to email addresses, the SMTP settings must be configured correctly. The SMTP sender field should contain the username that will appear in the From field on an email generated by the BOSS system.

smtp_Server – The name or IP address of the SMTP server should be entered here. The name or address used here must be one by which the SMTP server can be reached from the BOSS server. This field must be populated correctly in order for the BOSS system to send any alerts to email addresses.

smtp_UserName/smtp_password – The SMTP username and password fields should contain a valid SMTP username and associated password for sending alerts through the SMTP (email) server. Normally, a BOSS Administrator coordinates with his SMTP Administrator to create a special SMTP user that will be used exclusively for BOSS alerts.

smtp_SSL – If Secure Sockets Layer (SSL) is used on your SMTP server, the value of this field should be set to 1. If you do not use SSL, this field should be set to 0.

smtp_SubjectTemplate /smtp_AlertTemplate – These fields allow a BOSS Administrator to customize the verbiage in an alert email subject line and message body using any combination of static text and field variables from the hit that generated the alert. Each field (from the hit) is enclosed in brackets.

smtp_SubjectTemplate – This field sets the subject line of alert emails generated by BOSS.

smtp_AlertTemplate – This field determines the text in the body of the alert email.

For example, the following entry in the smtp_SubjectTemplate field incorporates both static text and a BOSS field variable as well: **BOSS alert FROM [SRC]**

The static text “BOSS alert FROM” will always be constant in each SMTP alert. However, the value of [SRC] will vary depending upon the source device where the hit originated. If the hit originated from a source device named “Camera2,” for instance, the complete subject would read: “BOSS alert FROM Camera2”.

The following tokens can be used in the templates, and for each individual alert they will be replaced with the actual value from the hit record:

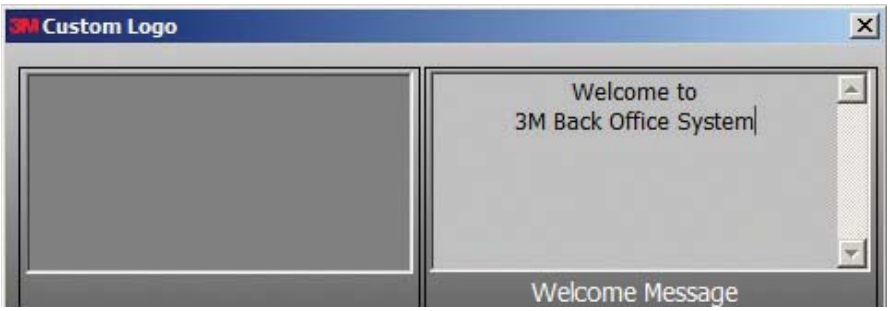


TOKEN	DESCRIPTION
[LPN]	license plate
[STE]	site
[SRC]	device
[LOC]	location
[LAT]	latitude
[LON]	longitude
[HOT]	hotlist name
[FD1]	field1
[FD2]	field2
[FD3]	field3
[FD4]	field4
[FD5]	field5
[PNC]	PNCID/DL
[INF]	information
^	new line

15.3.3 Branding

BOSS allows the BOSS Administrator to upload a logo image and a welcome message that is displayed to BOSS users on the Home screen. To define the image and message:

1. Select **System** from the left Shortcut bar.
2. Click on the **Parameters** button in the Shortcut bar.
3. Click on **Branding.**
4. If needed, click **Default** to remove current custom settings.
5. Pick the desired logo image using the **Browse…** button.
6. Type in a message in the Welcome Message box.



Browse – Select an image file (JPEG, GIF, BMP) to be displayed on the home screen. The largest recommended image size is 120 by 380 pixels.

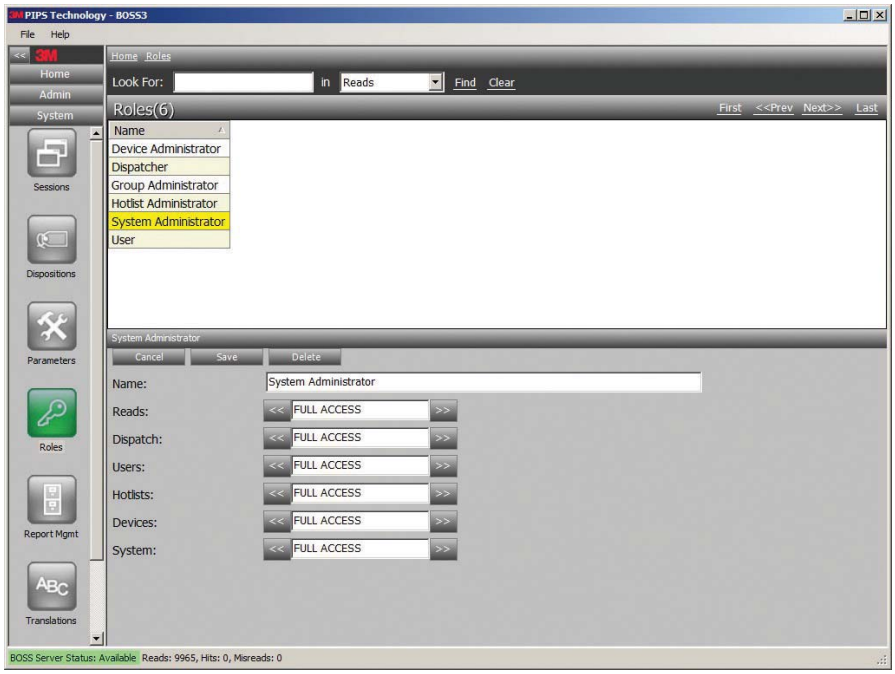
Default – Remove the custom logos and texts.

Welcome Message – A custom welcome message can be typed in here.

7. Click **OK** to save changes, or Cancel to discard changes.

15.4 Roles

In addition to the default roles that are automatically created by BOSS, the Administrator can create and configure custom roles as needed. *See Section 4.2, Permissions, for more information.*



15.4.1 Adding New Roles

1. Select the **System** category on the Shortcut bar.
2. Click the **Roles** shortcut. The Browse/Edit area will display a list of existing roles.
3. Click on the **New** button. The New Role entry window will be displayed in the bottom of the window.
4. Enter the name of the new role and assign the desired permissions.
5. Click the **Save** button.

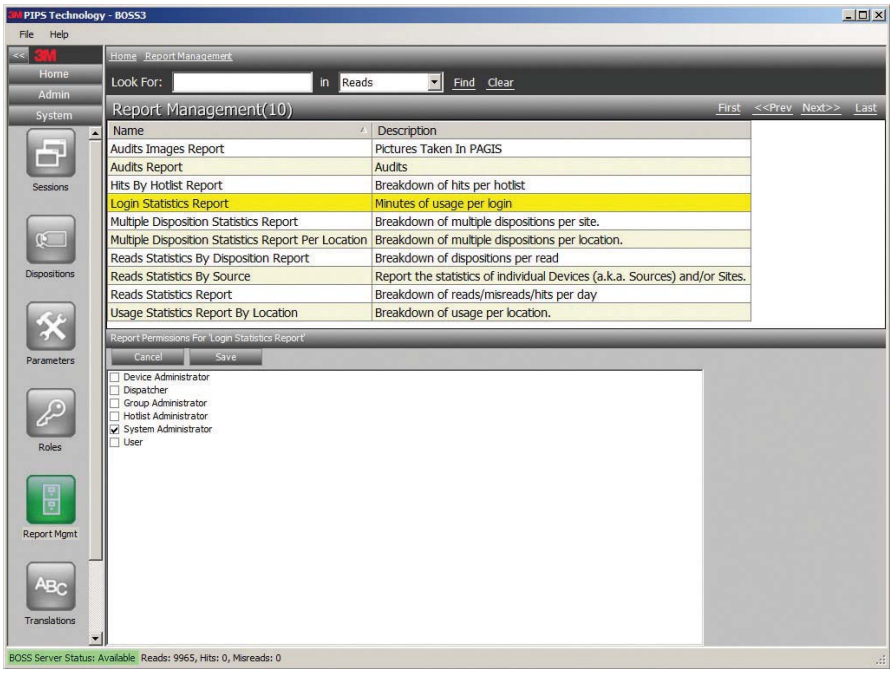
15.4.2 Deleting Roles

1. Select the **System** category on the Shortcut bar.
2. Click the **Roles** shortcut. The Browse/Edit area will display a list of existing roles.
3. Click on an existing role and the edit window will be displayed in the bottom of the window.
4. Click the **Delete** button. Click **Yes** when prompted to complete the operation.

15.5 Report Management

15.5.1 Assigning Permissions to Access Reports

1. Select the **System** category on the shortcut bar.
2. Click the **Reports Mgmt** shortcut. The Browse/Edit area will display a list of available reports.
3. Select a report by clicking the name in the list. The selected report will be highlighted in yellow.
4. Current report permissions for the type of report chosen display in the bottom of the Browse/Edit area. Each BOSS role is listed along with a checkbox. Click a role in the list to select. Click a second time to change an unchecked box to a checked box.
5. After selecting the desired permissions for the report, click the **Save** button.

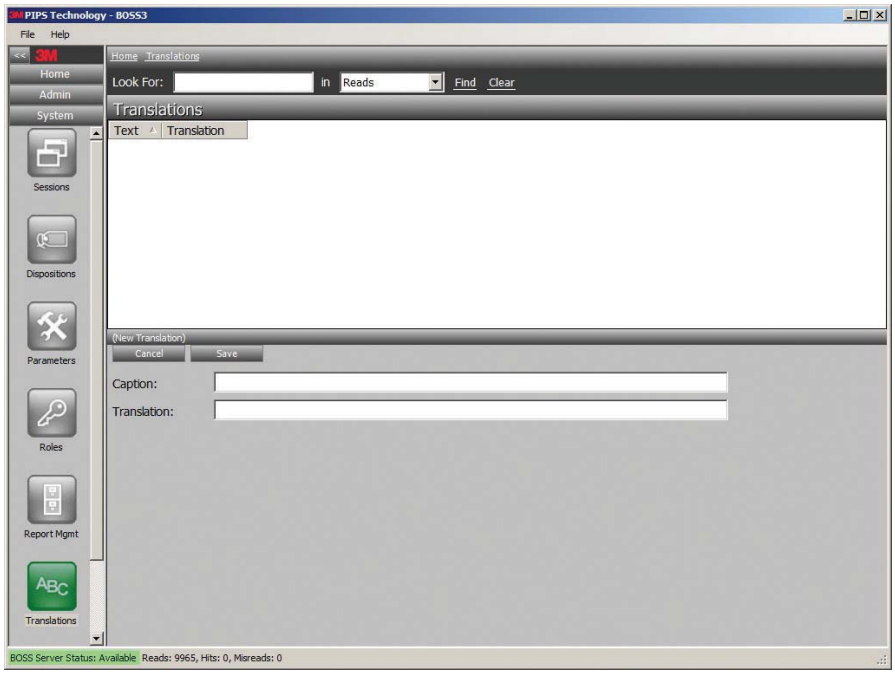


15.6 Translations

Across various organizations and agencies, terminology related to BOSS can differ significantly. For this reason, a new function added in the BOSS version 3 series gives customers flexibility in naming conventions used in the application. The Translations function provides for changing wording on BOSS screens, which allows a customer to tailor screen labeling to correspond to their own vernacular. Text items in the translations editor correspond to labels on BOSS screens. Authorized users can change these text items as necessary.

Note: This feature is not intended as a replacement for language-specific versions of BOSS. *For international versions of BOSS, please contact 3M Technical Support.*

15.6.1 Entering a New Translation



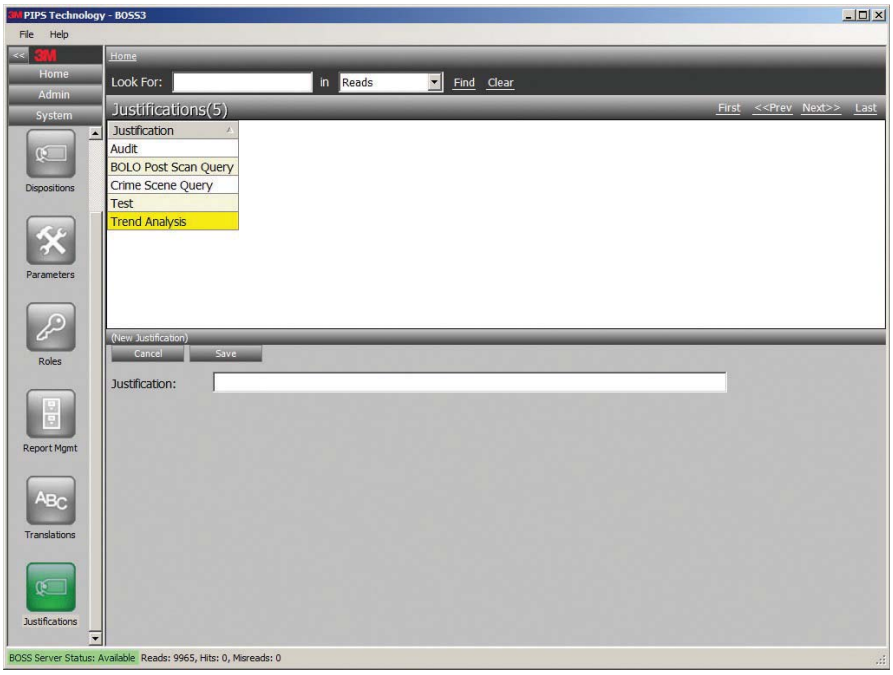
1. Select the **System** category on the Shortcut bar.
2. Click the **Translations** shortcut. A list of all current translations appears in the top of the Browse/Edit area.
3. Click the **New** button and the new Translations Entry screen appears in the bottom area.
4. Enter an existing label from the BOSS application in the Caption field, using the exact case and spelling that normally appears on the screen.
5. Enter the desired replacement text in the Translation field.
6. Click the **Save** button to complete the operation.

Note: The user must log off and on again for translation to take effect in the current session.

For Example: A customer preferring to see a label of “Plate” where the software normally uses the term “LPN” would use the translations feature to create the replacement for their installation. The translation Entry Caption field would contain “LPN,” while the Translation field would contain the replacement term “Plate.”

15.7 Justifications

To ensure that sensitive information is being kept secure, systems can be configured to require that users who are performing queries on reads have a valid reason for doing so. Enabling the audit_JustificationEnabled parameter requires users to justify their reason for querying reads. There are five justifications created by default: Audit, BOLO Post Scan Query, Crime Scene Query, Test and Trend Analysis. These queries will also be documented in audit reports.



15.7.1 Entering a New Justification

1. Select the **System** category on the Shortcut bar.
2. Click the **Justifications** shortcut. A list of all existing justifications appears in the top of the Browse/Edit area.
3. Click on the **New** button. The Justifications Entry screen appears in the bottom area.
4. Enter a justification. There is no validation on the entry for this field.
5. Click the **Save** button to complete the operation.

15.7.2 Deleting Justifications

1. Select the **System** category on the Shortcut bar.
2. Click the **Justifications** shortcut. A list of all existing justifications appears in the top of the Browse/Edit area.
3. Click on the justification to be deleted. The Justifications Edit screen appears in the bottom area.
4. Click the **Delete** button. Click on **Yes** when prompted to complete the operation.

16 Appendix: System Requirements

16.1 *Minimum* System Requirements

Please note that the minimum requirements are the *least* resources needed to run the software. We fully expect 3M Back Office System Software to run in these environments. However, the user may experience periods of slowness. There may also be other environmental factors that could impact the application's performance such as networks, the utilization of resources by other processes, etc.

16.1.1 Smart Client Minimum System Requirements

If the Smart Client is installed on a workstation, the minimum system resources needed for installing and running the 3M BOSS 3.2 or above Smart Client are:

- Pentium-compatible PC at 1.0 GHz
- Windows Vista, Windows 7, or Windows 8
- 1 GB of RAM
- 32-bit SVGA display at 1024 x 768 pixels
- 1 GB of hard drive space
- Keyboard and mouse

16.1.2 BOSS Server Minimum System Requirements

If 3M BOSS 3.2 or above is being run on a dedicated system, the minimum system resources needed for installing and running the BOSS Server are:

- Intel Xeon Quad Core CPU at 2.0 GHz
- Windows Vista, Windows 7, or Windows 8, 64-bit mode
- 8 GB of RAM
- 1 GB of hard drive space
- Microsoft SQL Server 2008 Express Edition, on a separate machine

If 3M BOSS 3.2 or above is being run on the same system as the SQL Server, the minimum system resources needed for installing and running both are:

- Intel Xeon Quad Core CPU at 2.0 GHz
- Windows Vista, Windows 7, or Windows 8, 64-bit mode
- 16 GB of RAM
- 1 GB/20,000 reads of hard drive space
- Microsoft SQL Server 2008 Express Edition, with memory usage constrained

16.1.3 SQL Server Minimum System Requirements

If SQL Server is being run on a dedicated system, the minimum system resources needed for installing and running the SQL Server are:

- Intel Xeon Quad Core CPU at 2.0 GHz
- Windows Vista, Windows 7, or Windows 8, 64-bit mode
- 16 GB of RAM
- 1 GB/20,000 reads of hard drive space
- Microsoft SQL Server 2008 Express Edition

16.1.4 Client Tools Minimum System Requirements

The minimum system resources needed for installing and running the 3M BOSS 3.2 series Client Tools are:

- Pentium-compatible PC at 1.0 GHz
- Windows Vista, Windows 7, or Windows 8
- 1 GB of RAM
- 32-bit SVGA display at 1024 x 768 pixels
- 1 GB of hard drive space
- Keyboard and mouse

16.2 Recommended System Requirements

16.2.1 Smart Client Recommended System Requirements

The recommended system requirements for installing and running the 3M BOSS 3.2 series Smart Client are:

- Pentium-compatible PC at 1.0 GHz
- Windows Vista, Windows 7, or Windows 8
- 2 GB of RAM
- 32-bit SVGA display at 1024 x 768 pixels
- 1 GB of hard drive space
- Keyboard and mouse

16.2.2 BOSS Server Recommended System Requirements

If the 3M BOSS 3.2 or above service is running in a dedicated environment, the recommended system requirements for installing and running the 3M BOSS Server are:

- Intel Xeon quad-core CPU at 2.0 GHz or faster
- Windows Server 2008 Standard Edition in 64-bit mode
- 16 GB of RAM
- SCSI or SAS hard drives at 10,000 RPM

- 1 GB of hard drive space
- Microsoft SQL Server 2008 R2 Standard Edition, on a separate system

If the 3M BOSS 3.2 or above is being run on the same system as the SQL Server, the recommended system requirements for installing and running both are:

- Intel Xeon quad-core CPU at 2.0 GHz or faster
- Windows Server 2008 Standard Edition in 64-bit mode
- 32 GB of RAM
- SCSI or SAS hard drives at 10,000 RPM
- 1 GB/20,000 reads of hard drive space
- Microsoft SQL Server 2008 R2 Standard Edition, with SQL memory usage constrained

16.2.3 SQL Server Recommended System Requirements

If the SQL Server is running on a dedicated system, the recommended system requirements for installing and running it are:

- Intel Xeon quad-core CPU at 2.0 GHz or faster
- Windows Server 2008 Standard Edition in 64-bit mode
- 32 GB of RAM
- SCSI or SAS hard drives at 10,000 RPM
- 1 GB/20,000 reads of hard drive space
- Microsoft SQL Server 2008 R2 Standard Edition

16.2.4 Client Tools Recommended System Requirements

The minimum recommended system requirements for installing and running the 3M BOSS series Client Tools are:

- Pentium-compatible PC at 1.0 GHz
- Windows Vista, Windows 7, or Windows 8
- 2 GB of RAM
- 32-bit SVGA display at 1024 x 768 pixels
- 1 GB of hard drive space
- Keyboard and mouse

17 Appendix: Installation and Configuration

This section is intended for authorized personnel in installation and configuration of a BOSS system. The information in this guide is organized sequentially, in the order that steps would be performed when initially setting up a new BOSS system, with the first section describing the software installation process, and the subsequent sections describing configuration options for a BOSS system.

Upon initial installation of a new BOSS system, the BOSS server application must be configured using the BOSS Controller application. BOSS Administrators may also find the need to modify configuration settings after the system has already been in use. Therefore, the configuration section can be used as an ongoing reference for authorized personnel responsible for maintaining the system.

IMPORTANT NOTE: It is critical that **only an IT Administrator or other knowledgeable personnel** attempt configuration modifications to a BOSS system. Incorrect configuration settings can cause serious issues with operation and/or adversely affect data integrity. When in doubt, you should consult 3M Technical Support before making system configuration changes.

17.1 Installing the BOSS Server Application Files

17.1.1 Running the Installer

This guide assumes that the Microsoft SQL Server 2008 instance for BOSS has already been installed and is available. If the SQL Server is not available, *stop now and continue installation after the SQL Server has been installed.* To install the Microsoft SQL Server, please follow the instructions provided by Microsoft.

Note: 1. It is not recommended that the installation be performed over a remote desktop connection.

2. It is recommended that antivirus utilities be disabled during the install.

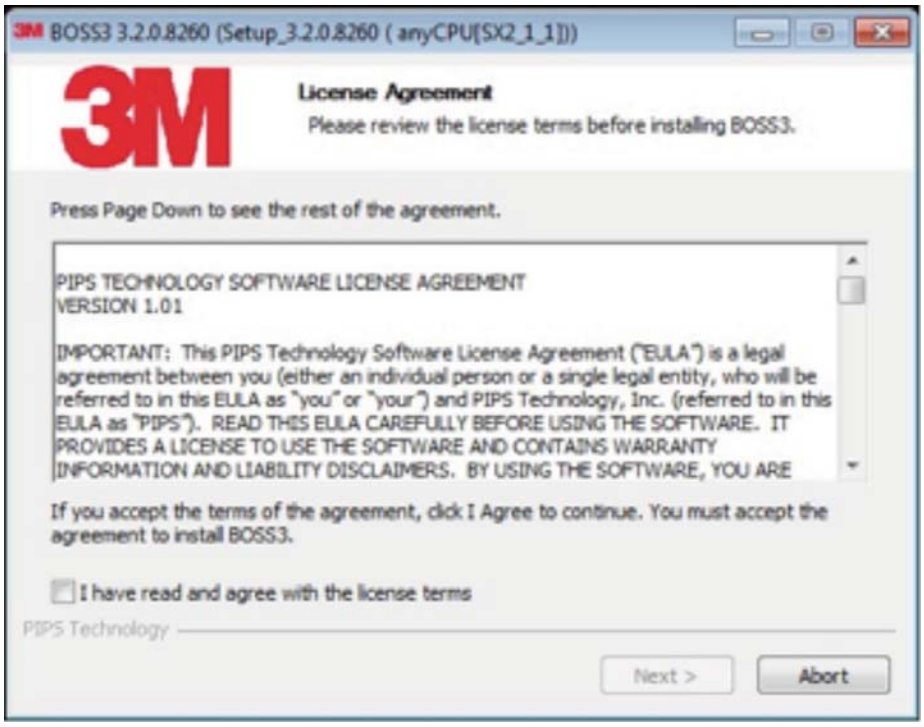
To commence the installation:

1. Select the link supplied by 3M to the BOSS 3.2 installation application.
2. Run the BOSS 3.2 Setup executable.

Note: Right-click on the installer icon and select **Run As Administrator**.

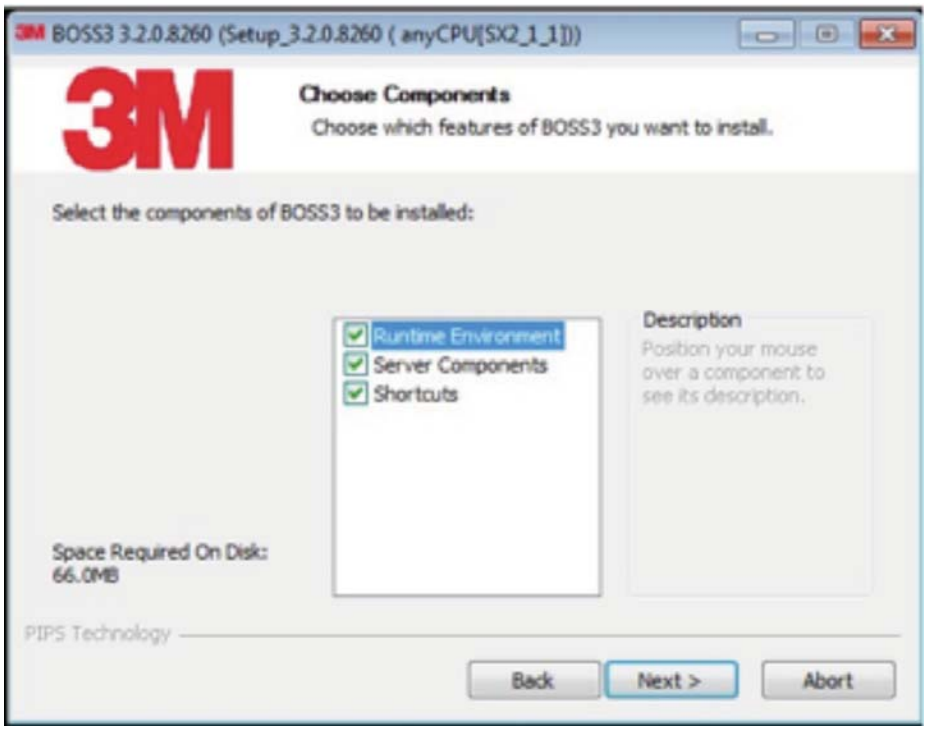
17.1.2 3M License Agreement

1. Click the license agreement checkbox to acknowledge agreement with the license terms.
2. Click **Next** to continue.



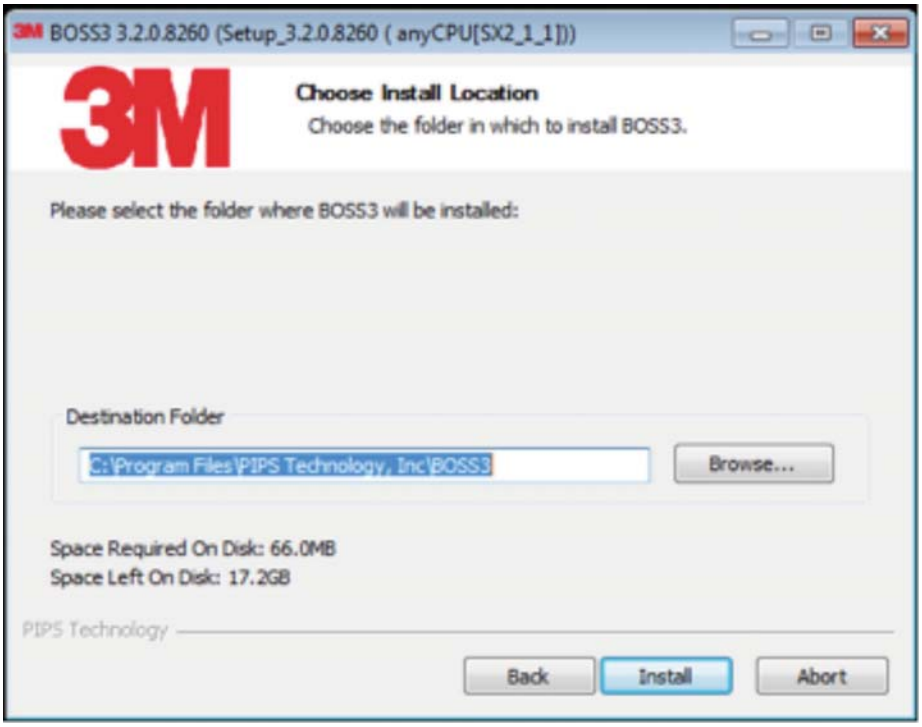
17.1.3 Selecting the Installed Components

1. Check the box for each component you wish to install for BOSS 3.2.
   - Runtime Environment (required)
   - Server Components (required)
   - Shortcuts (optional)
2. Click **Next** to continue.

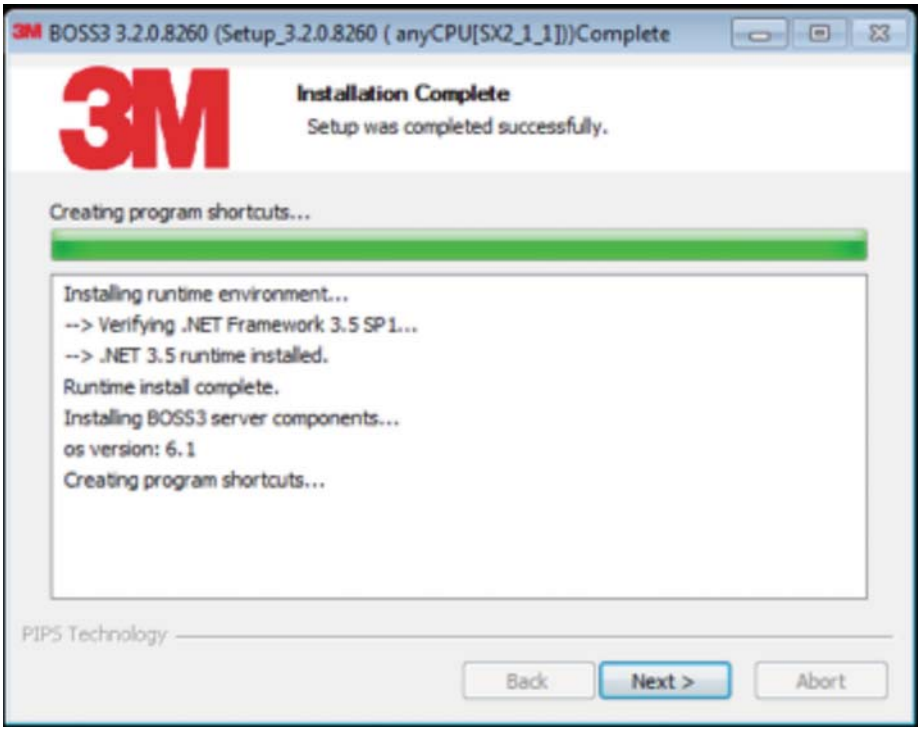


17.1.4 Selecting the Installation Folder

1. Select the location to install BOSS 3.2 by browsing your drive or typing a location.

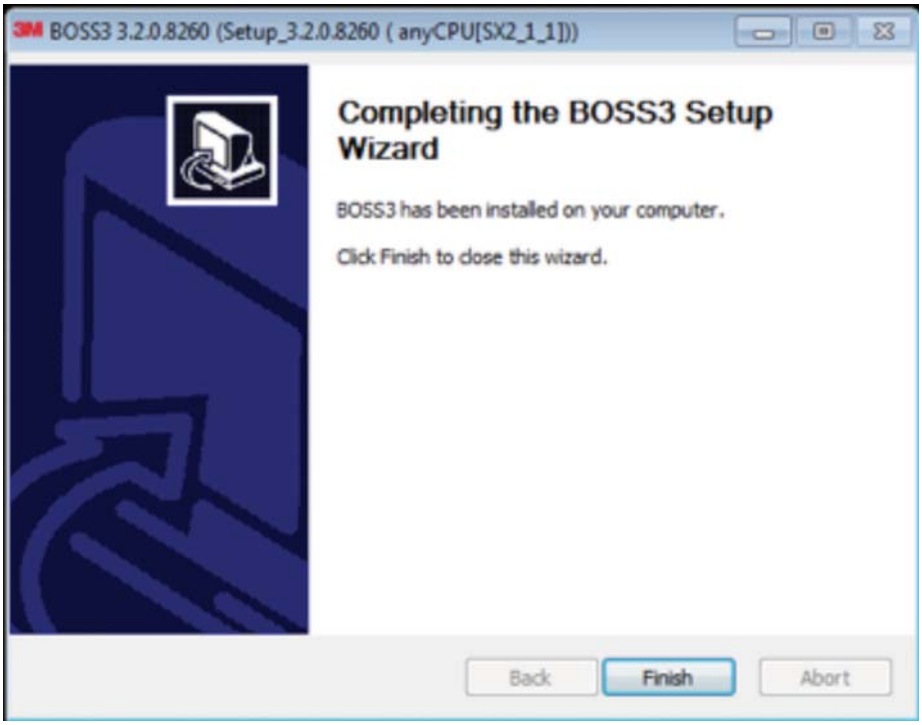


2. Click **Install.** The installation will then commence.



17.1.4 Selecting the Installation Folder *(continued)*

3. When the Installation Complete message is displayed, click **Finish** to proceed to the Licensing Wizard.

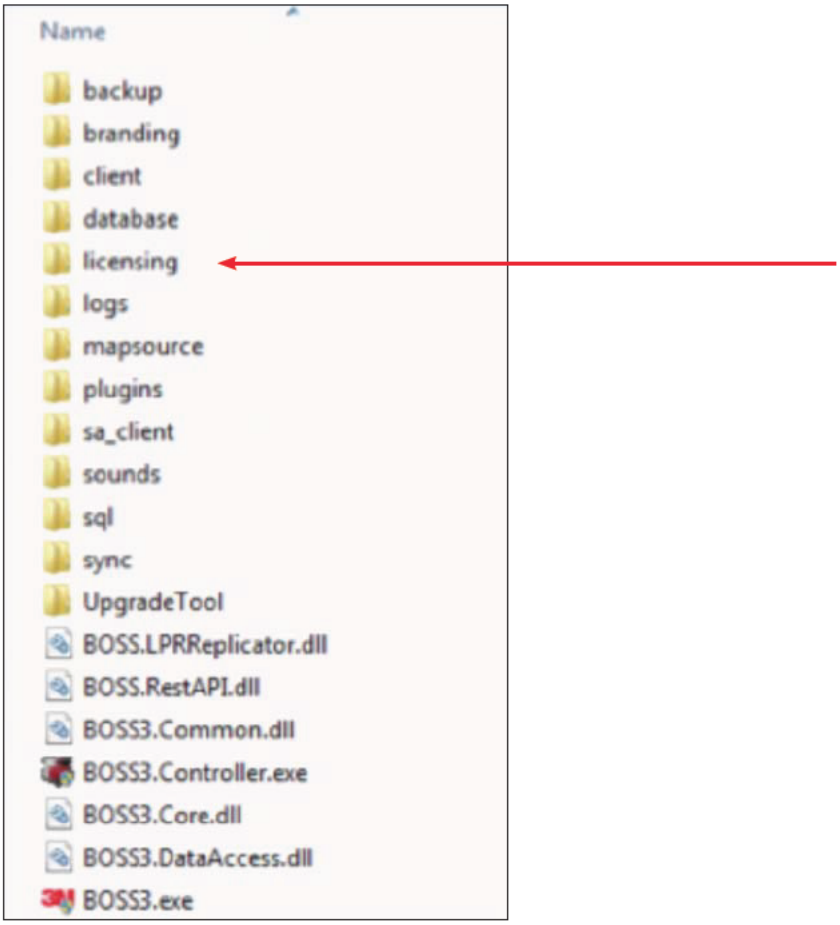


17.2 BOSS Version 3.2 and Above License Key Management

17.2.1 Activating the License Key

Following a new installation, a valid BOSS 3.2 license key must be entered. There are three options available discussed in the sections below that can be used to activate the license.

1. Navigate to the licensing folder in the BOSS 3.2 installation folder.



2. Start Microsoft License Manager (**Microsoft.Licensing.LicAdmin.exe**). This must be run as an Administrator.
3. In the License Manager User interface, select **File → Activation Wizard** to install the new license.
4. When the Activation Wizard dialog opens select one of the following:
    a. I want to activate the software over the Internet. *See Section 17.2.1.1.*

    or

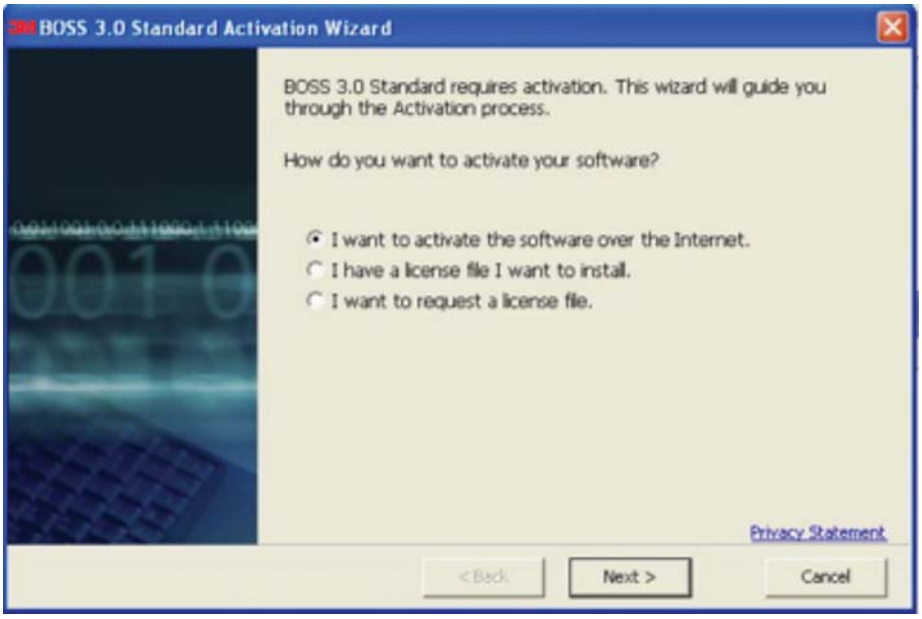
    b. I have a license file I want to install. *See Section 17.2.1.2.*

    or

    c. I want to request a license file. *See Section 17.2.1.3.*

17.2.1.1 Activating the License Key over the Internet

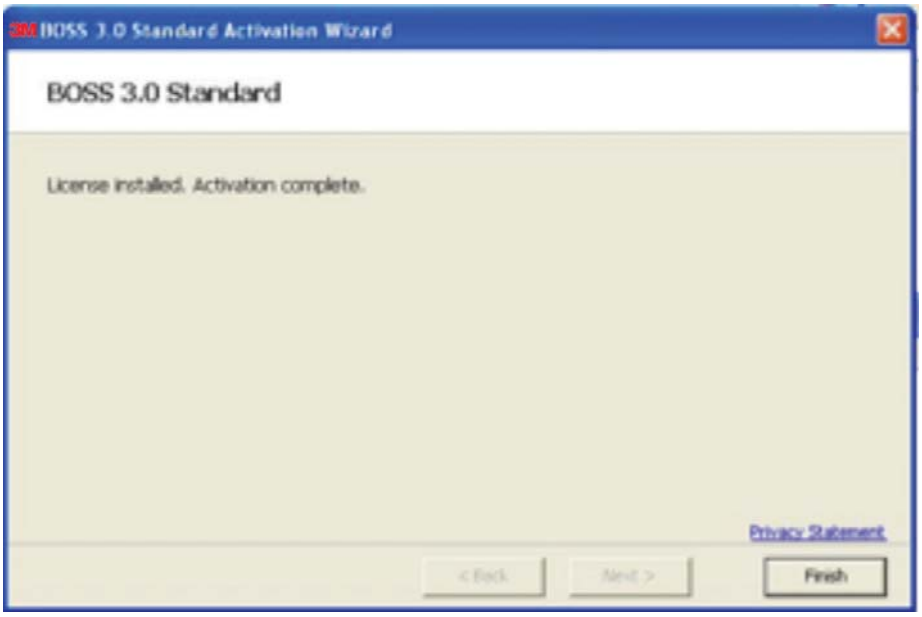
1. Check **I want to activate the software over the Internet**.
2. Click **Next** to continue.



3. Enter the activation key provided by 3M and click **Next.**



4. The license key will be activated over the Internet. The following screen will display. Click **Finish** to continue.



17.2.1.2 Activating the Software with a License File

1. Check **I have a license file I want to install.**
2. Click **Next** to continue.
3. Navigate to the location of the license file and select it.
4. Click **Next** to continue.
5. When the activation is completed click **Finish.**

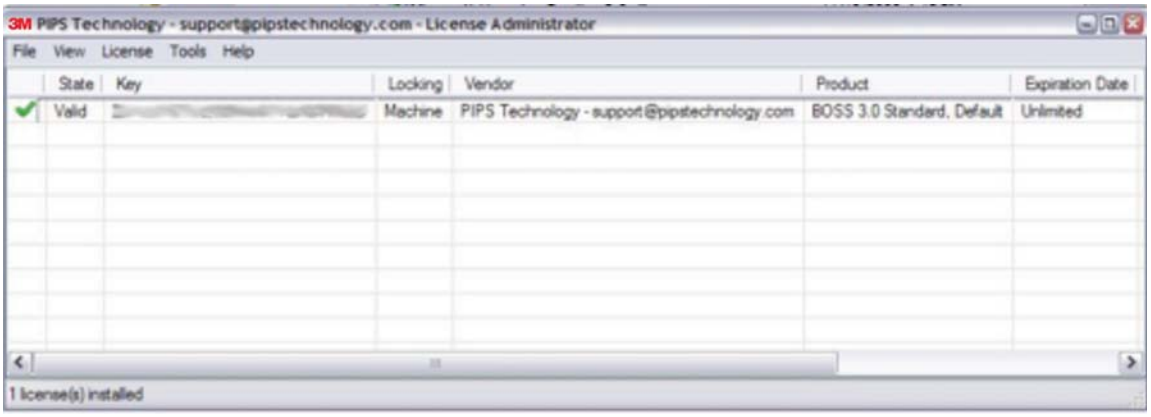
17.2.1.3 Request a License File to Activate the License

1. Click **I want to request a license file.** Press **Next.**
2. Enter the license key you received previously. Press **Next.**
3. In the screen that displays, copy the text block highlighted (starts with "—BEGIN Request") to the clipboard and paste it into an email. Send the email to 3M Technical Support (alprsupportus@mmm.com).
4. Close the Activation Wizard by clicking the **Finish** button.
5. You will be sent an activation file via email. Extract the license file (*.bin) and copy it to a folder on the computer where BOSS is installed. *Return to Section 17.2.2 and follow the steps to activate the license.*

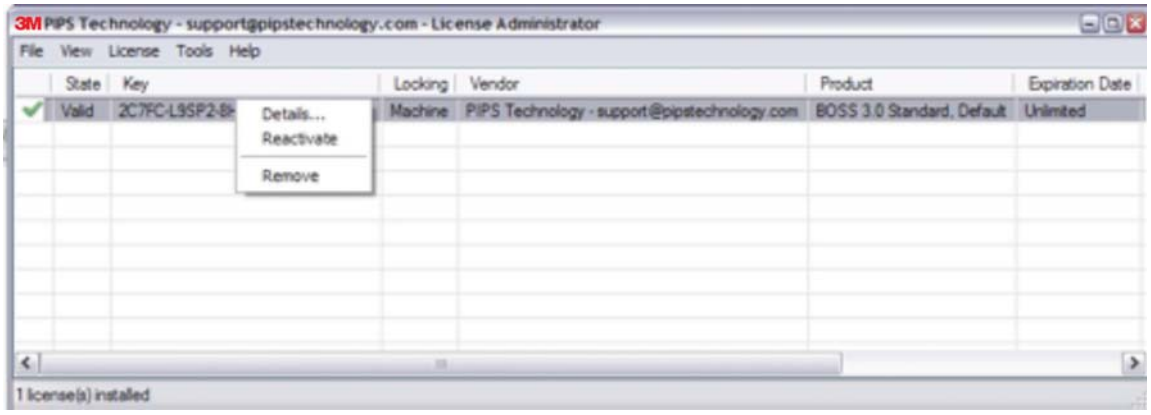
17.2.2 Updating a License Key

If the BOSS license key becomes invalid, or if the license is upgraded, follow these steps to reactivate a BOSS license key:

1. Start Windows Explorer on the BOSS server.
2. Navigate to the folder where the BOSS server application is installed (by default C:\Program Files\PIPS Technology, Inc\BOSS3).
3. Locate the licensing folder as described in Section 17.2.1.
4. Open the folder and right click on the application **Microsoft.Licensing.LicAdmin.exe.** Select to run as the Administrator. You will see the following screen:



5. Select the license key. Right-click, and from the context menu, select **Reactivate.**



6. Click **Next.**
7. When the Installation Complete message is displayed, click **Finish.**

17.3 Map Display Options with BOSS

BOSS version 3.2 and above can display collected plate read information plotted on a map. There are two different mechanisms for displaying maps within the BOSS Smart Client application.

17.3.1 U.S. Census Bureau TIGER Maps

BOSS supports downloading U.S. Census Bureau Topologically Integrated Geographic Encoding and Referencing (TIGER) maps data into BOSS. This data is available free of charge within BOSS. TIGER maps will work without an Internet connection once the data has been downloaded.

TIGER maps cover the United States and its territories. Because these are very large data files, geographical coverage of a download should be limited to a few counties. Also, because of the limited nature of Census information, address search with TIGER maps is approximate (per census block). If more coverage or more accuracy is required, other mapping options should be considered. Satellite imagery is not available with TIGER maps.

17.3.2 Advanced Mapping with Microsoft Bing Maps

3M provides an option to purchase an “Advanced Mapping” feature with BOSS. This option enables integration of Microsoft Bing® Maps, an Internet-based service that BOSS can use to display maps in the Smart Client application.

Note: In order to use Advanced Mapping, the BOSS server and each Smart Client workstation will need an unimpeded Internet connection to Microsoft.com (no proxy servers). Bing Maps supports accurate address search and satellite imagery.

For more information about Bing Maps, please go to: http://www.bing.com/maps

17.4 Configuring the BOSS Server Application

After the BOSS version 3.2 or above installation is completed, the application must be configured using the BOSS Controller program. The following sections explain how to use this program as well as the configuration settings that are available.

17.4.1 The BOSS Controller Application

17.4.1.1 Starting the Boss Controller

BOSS Controller (BOSS3.Controller.exe) is the application used to configure and control the BOSS service. The BOSS Controller is installed on the server computer along with the server application. After the installation is complete the Controller program will start automatically. If this is a new installation the license will need to be activated first. Choose to configure BOSS at a later time by clicking on **Cancel.**

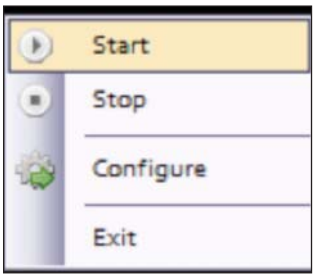
The shortcut to the BOSS Controller program can be found on the desktop or in the All Programs → PIPS Technology → BOSS3 menu. Right-click on the Controller icon and select **Run As Administrator.** When the BOSS Controller program is started an icon for the application will appear in the Windows System Tray at the lower right corner of the desktop.

17.4.1.2 Status Colors

The icon for the Controller program includes a “traffic light” that uses a color indicator to show the status of the BOSS service application. When the BOSS service application is running, the indicator is green. When the BOSS service application is not running, the indicator is red. Yellow color indicates that the application is changing state (starting or stopping).

17.4.1.3 Right-Click Menu

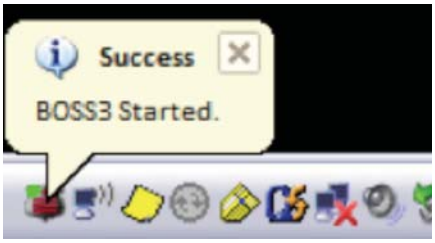
When you right-click the BOSS Controller System Tray icon, a pop-up menu will appear:



Start	Start the BOSS service.
Stop	Stop the BOSS service.
Configure	Present the BOSS Configuration Wizard.
Exit	Close the BOSS Controller application. (**Note:** This closes the BOSS Controller program, but does not stop the BOSS Service.)

17.4.1.4 Starting the BOSS Service

When the **Start** action is selected, and the service starts successfully, a Success message will be displayed:



The traffic light in the BOSS Controller icon will turn green to indicate the status.

17.4.1.5 Stopping the BOSS Service

When the **Stop** action is selected, and the service stops successfully, another Success message will be displayed, and the traffic light changes to red:



17.4.2 BOSS Configuration

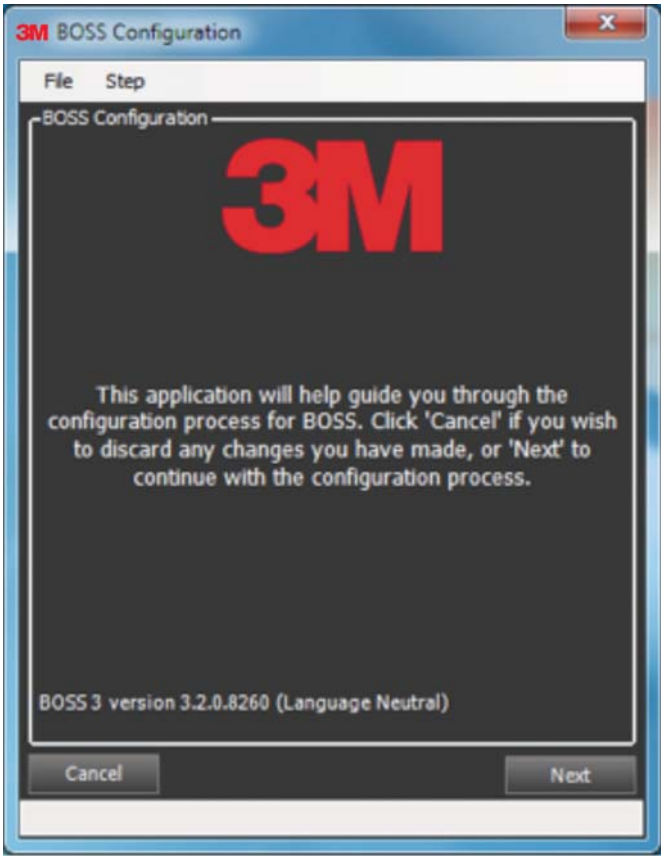
17.4.2.1 Activating the Configuration Wizard

If this is a new installation of the BOSS application, the Configuration Wizard will automatically display after the installation of the files is complete.

If the BOSS Configuration Wizard is displayed, go to Section 19.4.2.2, BOSS Configuration Wizard. If the Configuration Wizard is not displayed:

1. Right-click the **Controller System Tray** icon.
2. Select the **Configure** option. The Configuration Wizard options are explained in the following sections.

17.4.2.2 BOSS Configuration Wizard



Step through all configuration screens in the BOSS Configuration Wizard by simply clicking the **Next** button on this first screen. Click **Next** on each subsequent screen after entering in the desired settings. **Note:** This step-by-step process is recommended when you are configuring the system for the first time.

OR

Click the **Step** menu option to access the configuration menu and proceed to the step choice.

For each configuration step (described in Sections 17.4.2.3 – 17.4.2.9), clicking **Next** will take you to the next configuration screen, clicking **Previous** will take you to the previous one, and clicking **Cancel** will clear any changes you have made on the current screen.

17.4.2.3 SQL Server Configuration

SQL Server configuration is required for a new BOSS system, in order to specify the location and necessary authentication information for the SQL database.



SQL Server – Select the SQL Server 2008 instance for BOSS. Press **List** to choose from a list of available SQL Servers. The SQL Server Browser service must be running at this point. You may also type in the server IP address or host name. Enter a dot "." to use a local SQL Server that is running on the same machine as the BOSS service.

Use Windows Integrated Security – If checked, BOSS will use Windows Integrated Security to access the SQL Server database.

SQL Server Login and SQL Server Password – If Windows Integrated Security is not selected, enter the SQL Server username and password provided for BOSS to use to access the database.

Test – The **Test** button can be used to test the SQL Server settings currently in place. The **Test** button initiates a connection. A message box will appear to indicate whether the test connection fails or succeeds.

BOSS requires approximately 1 GB of hard drive space per 20,000 reads. In order to improve performance, the BOSS database can be divided among multiple locations as follows:

Primary Database Folder – The drive and folder where the BOSS primary database will reside

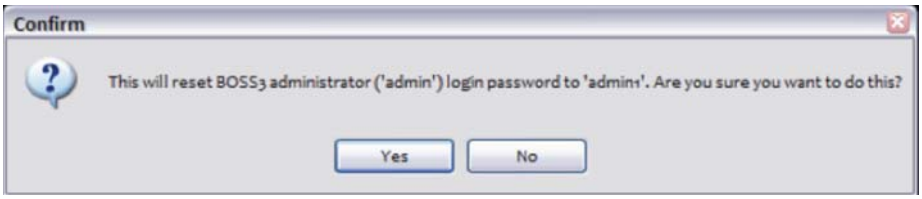
Images Database Folder – The drive and folder where the BOSS will store images

Reads Index Folder – The drive and folder where BOSS will store database indices for stored plate reads

Transaction Log Folder – The drive and folder where BOSS will store the database transaction log file

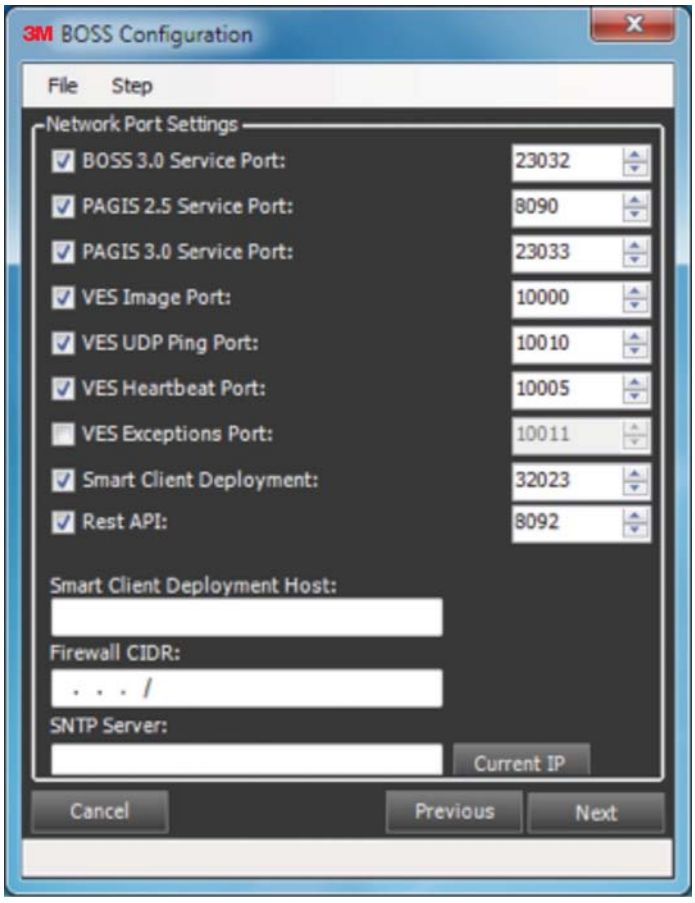
17.4.2.4 Resetting the Administrator Password

If you have forgotten the BOSS administrator (admin) password, you can press the **Reset 'admin' password** button to reset the password to "admin1."



Pressing **Yes** will immediately reset the password.

17.4.2.5 Network Port Settings



BOSS uses a number of TCP/IP and UDP network ports for communication between server and client applications and server and license plate reading devices.

17.4.2.5 Network Port Settings *(continued)*

FIELD	DESCRIPTION	DEFAULT PORT
BOSS 3.0 Service Port	TCP/IP port used to provide access for BOSS Smart Clients	23032
PAGIS 2.5 Service Port	TCP/IP port used to provide access for LPCS (formerly PAGIS) for older mobile client versions	8090
PAGIS 3.0 Service Port	TCP/IP port used to provide access to various mobile client versions	23033
VES Image Port	TCP/IP port used to receive reads from 3M fixed cameras	10000
VES UDP Ping Port	UDP port used to receive keep alive ping messages from 3M fixed cameras	10010
VES Heartbeat Port	TCP/IP port used to receive heartbeat status messages from 3M fixed cameras	10005
VES Exceptions Port	TCP/IP port used to receive exceptions messages from 3M fixed cameras	10011
Smart Client Deployment	TCP/IP port used for BOSS client installations via BOSS server	32023
REST API Port	HTML port used for the communication between the BOSS service and newer versions of LPCS	8092

If the checkbox in front of the port name is left unchecked, the corresponding connection will be disabled.

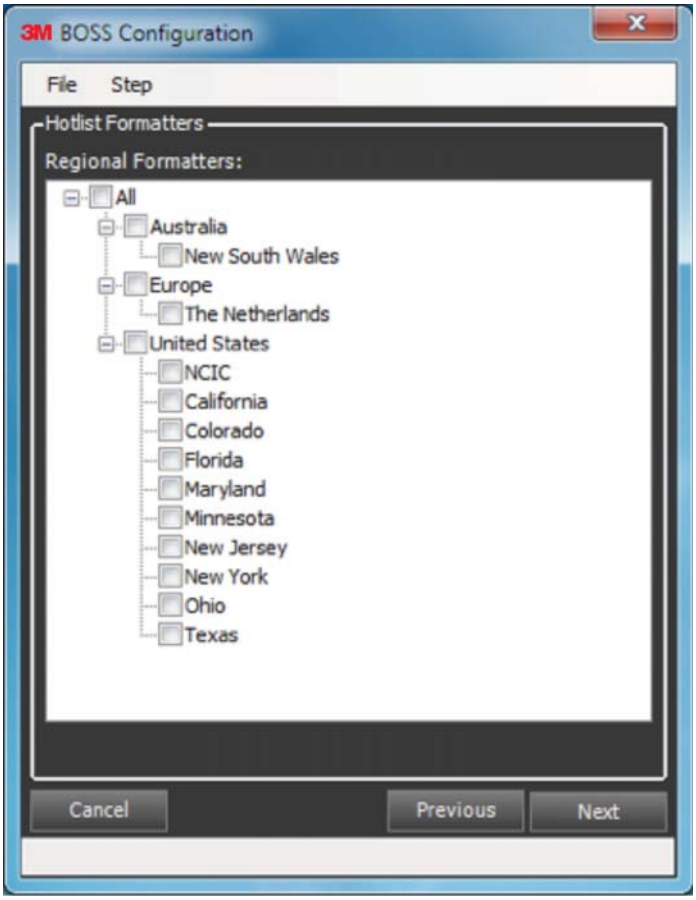
Smart Client Deployment Host – If this information is entered, BOSS Smart Clients will use the given hostname to distribute the smart client application. This can be left blank to use the local host name.

Firewall CIDR – BOSS provides a built-in firewall for incoming fixed camera connections. If a value is entered, only cameras with an IP address matching the CIDR will be allowed to connect. CIDR (Classless Inter-Domain Routing) is a standard industry method for specifying a range of included IP addresses. The format of the CIDR entry is A.B.C.D/N, in which the dotted decimal portion before the "/" is interpreted, like an IPv4 address, as a 32-bit binary number that has been broken into four octets. The value of N indicates the number of shared initial bits, counting from the left-hand side of the address.

For Example: For an entry of 10.200.200.255/24, the CIDR value 24 leaves 8 bits that can be changed. Therefore, addresses 10.200.200.x are permitted addresses.

SNTP Server – BOSS has a built-in time service. The 3M fixed ANPR/ALPR cameras do not support automatic daylight savings time (DST) adjustment. The BOSS time service provides a customized SNTP service for these cameras in order to support DST. To use the built-in time service, Windows Time Service has to be disabled in the Services Control panel, and the BOSS time server IP address entered in this field.

17.4.2.6 Regional Hotlist Formatters

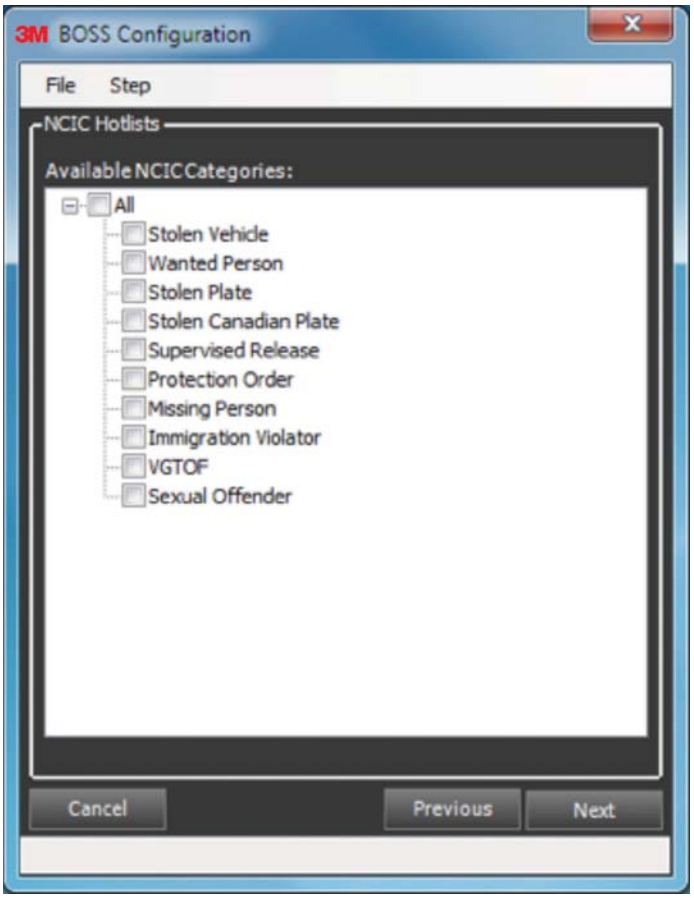


The BOSS 3.2 series allows the selection of predefined hotlist formatters. These formatters define the input format (structure) of hotlist data files. Custom formatters can be defined via the BOSS Smart Client application *(see Section 13 of this manual for more information).* Also, when installing BOSS in the United States, National Crime Information Center (NCIC) data formatters can be selected for specific states (see section following).

To select or unselect formatters, click on the formatter title to add or remove a check mark. Additional formatters can be added to a system as needed. These will be provided by 3M Technical Support upon request.

17.4.2.7 NCIC Hotlist Formatters

BOSS 3.2 and above supports hotlist import in the United States National Crime Information Center data format. This option is available only in the United States.



To configure formatters for the desired categories, check those categories.

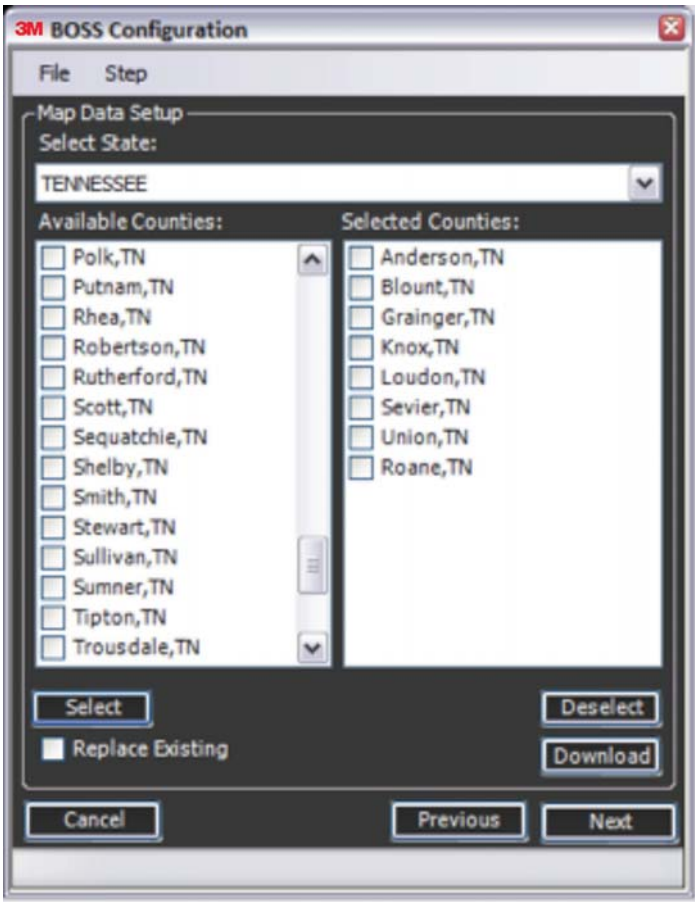
Once the desired categories have been selected, press **Next** to proceed.

17.4.2.8 TIGER Maps Configuration

BOSS 3.2 and above provides reporting on a map display by three alternative means. *See Section 17.3, Map Display Options with BOSS.* This option is available only in the United States.

Note: This section of configuration needs only be completed if U.S. Census Bureau TIGER maps are used.

BOSS provides for automated download of map data from the U.S. Census Bureau website. The U.S. Census Bureau offers yearly updated geographical information free of charge. In order to use TIGER maps, the BOSS server will need an established connection to the Internet **during the map download**. After the maps have been downloaded, the Internet connection is no longer needed.



To configure new maps for download:

1. Select the desired state from the drop-down menu. A list of counties for the selected state will appear.
2. Check the desired counties and click **Select.** Counties from multiple states can be selected

OR

3. Check undesired counties and click **Deselect.**

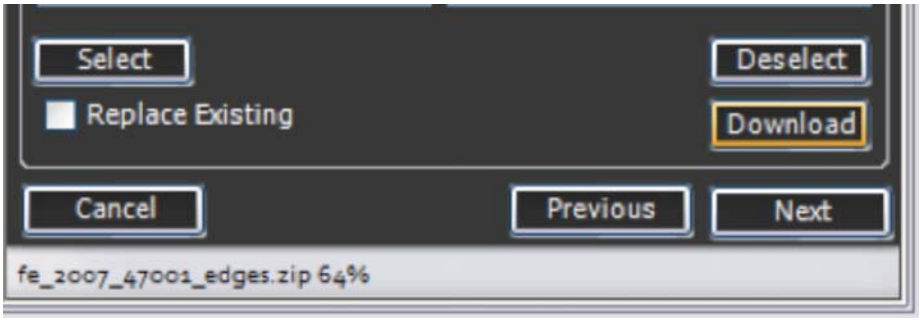
Once the desired counties have been selected:

4. Click **Download** to start the download process. BOSS will connect the U.S. Census Bureau website and extract the desired county data sets.

17.4.2.8 TIGER Maps Configuration *(continued)*

To replace existing maps:

BOSS maintains a copy of downloaded counties. To start anew and download a fresh set of data, check **Replace Existing** before clicking the **Download** button.

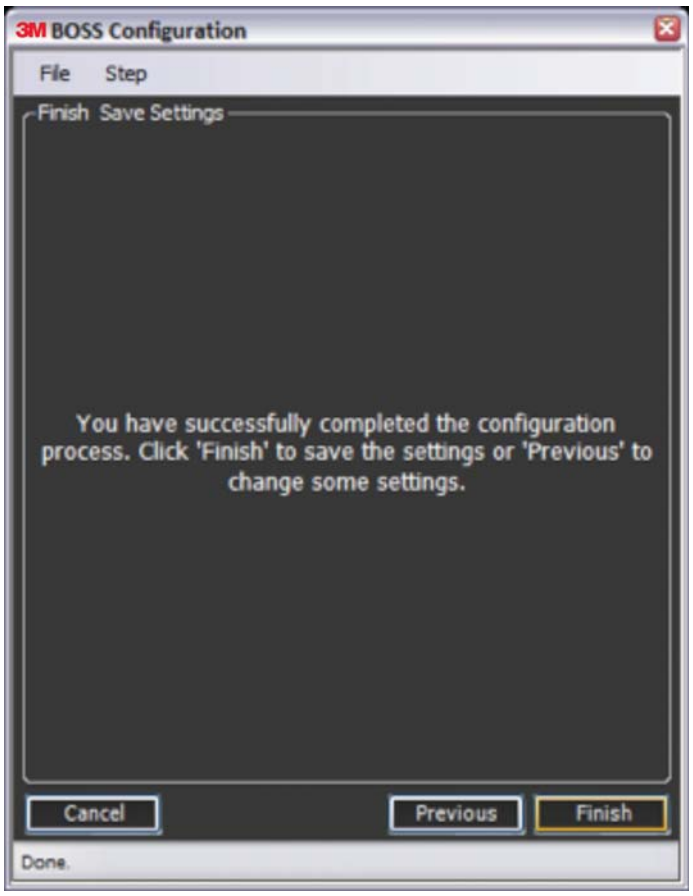


The status bar will indicate the download and extraction progress.

Note: The U.S. Census Bureau geospatial database has certain omissions and deficiencies. For more information, please consult the TIGER maps website: https://www.census.gov/geo/maps-data/data/tiger-line.html

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17.4.2.9 Finishing Configuration



Click **Finish** to complete configuration. BOSS will save the chosen configuration.

If U.S. Census Bureau TIGER maps were downloaded, BOSS will prepare the map package to download to the Smart Clients. This may take several minutes. Progress will be displayed in the status bar.



Once the configuration process is complete, the Configuration Wizard will close automatically. In order to put the changed configuration in effect, the BOSS service will need to be restarted.

17.5 Installing the BOSS Smart Client Application

17.5.1 Installation over the Web

To initiate a web installation on a workstation, start up Microsoft Internet Explorer and navigate to this web address: **http://{boss_server_IP_address}:32023/publish.htm**, where {boss_server_IP_address} is the address of the server running the BOSS server application.

For Example: To install the Smart Client on the BOSS server itself, navigate to http://127.0.0.1:32023/publish.htm. The installation webpage will be presented. The advantage of installing the Smart Client over a web browser is that the application will automatically check for updated versions every time it is started.

17.5.2 Stand-Alone Installation

The BOSS Smart Client is a zero-administration desktop application meant for administration of the BOSS server application and querying data collected in the BOSS database as described in this manual. The BOSS Smart Client is installed as a single executable program. This program can be copied to any Windows workstation, or to a shared network drive.

To install the stand-alone application:

5. Start Windows Explorer on the BOSS server.
6. Navigate to the folder where the BOSS server application is installed (**by default C:\Program Files\PIPS Technology, Inc\BOSS3**)
7. Locate folder **sa_client.**
8. Copy file **BOSS.UI.exe** to the workstation or shared network folder of choice.

17.6 Configuring Client Tools

Client Tools is used to transfer any files needed during an LPCS shift from BOSS to an LPCS system that is being run in the Disk Sync mode. *See Section 13, Client Tools, and the License Plate Capture Software User's Manual.*

Client Tools does not have a customary interface. Once the utility is started, the Client Tools icon will appear in the Windows System Tray.

Before use, Client Tools must be configured and can be quickly completed with the simple configuration wizard provided:

1. To start the wizard, right-click the icon and select **Configure.** The initial screen provides information about the tool.
2. Click **Next** to continue the configuration, or **Cancel** to exit the wizard.
3. Enter a path so that Client Tools knows where to store the files it creates and where to look for files to process. This path can be a local, network, or external drive. Enter the path or click on the **…** button and browse to the location.
4. If the Begin Shift files that Client Tools creates need to be encrypted, click **Encrypt Output.** Click **Previous** to return to the previous screen, or click **Next** to continue.
5. The data used to create the Begin Shift files is created and managed in BOSS. Client Tools needs to know where the BOSS Server is located. Enter the server IP and the port to use to connect to it. Click **Previous** to return to the previous screen, or click **Next** to continue.
6. The final screen provides additional information on how to use the wizard. Click **Previous** to return to the previous screen, or click **Finish** to save the changes and exit.

17.7 The BOSS Upgrade Tool

If the BOSS application is upgraded to a newer version, the Upgrade Tool must be run before starting the BOSS Server. This tool is used to perform any database changes that may be necessary.

1. Navigate to the Upgrade tool. By default it is installed at **C:\Program Files (x86)\PIPS Technology, Inc\BOSS3\UpgradeTool.**
2. Right click on **BOSS3.UpgradeTool.exe** and select **Run as Administrator.**
3. When all processing is completed, click **Enter** to close the window.

18 Appendix: Troubleshooting

When troubleshooting an issue, always start by looking for error messages in the Server log file, usually found at …\PIPS Technology, Inc\BOSS3\logs\BOSSServerLog.txt. Proceed based on the following information, recognizing that escalation may be necessary. If so, obtain a copy of the complete error message and include it with all escalated documentation.

ISSUE REPORTED	EXPLANATION	STEPS TO CORRECT
Just after an installation/upgrade, the UI won't start.	It takes several moments for the BOSS Server to be completely started and ready for information to be accessed.	After starting the BOSS server, wait for several moments before attempting to start the UI. If this is an upgrade this could be several minutes while the database is being updated.
I start the BOSS Controller, but it stops a moment later. The following error message may display "Error: Error in BOSS3 Controller. Please check the log files." (New installation scenario)	The license was not activated. When checking the BOSS Server Log, there will be two error messages : – 'Licensed for 0 concurrent clients' and – 'Failed to set registry parameter [_tmpbalikeda63] to value System.Byte[].'	Return to the licensing activation and updating checklist. *(See Section 17.2, BOSS Version 3.2 and Above License Key Management.)*
I start the BOSS Controller, but it stops a moment later. The following error message may display "Error: Error in BOSS3 Controller. Please check the log files." (Upgrade scenario)	The Upgrade Tool must be run before starting the Controller.	Run the Upgrade Tool. *(See Section 17.7 The BOSS Upgrade Tool.)*
I start the BOSS Controller, but it stops a moment later. The following error message may display "Error: Error in BOSS3 Controller. Please check the log files." (Other scenario)	If the Upgrade Tool has been run, there may be a problem with the database.	Look for error messages in the BOSS Server Log. Provide this information to Technical Support.
A fixed camera won't connect.	The firewall could be blocking the communications.	Ensure that the firewall is allowing communications through the VES ports, found in the BOSS Configuration Controller on the Ports screen.
LPCS won't connect.	The firewall could be blocking the communications.	– Ensure that the firewall is allowing communications through the REST API (for LPCS 2.7.x) and PAGIS 3.0 Service (for versions of LPCS) ports, found in the BOSS Configuration Controller on the Ports screen. – Ensure that the device has been enabled in the BOSS UI Devices screen.
Hotlist will not update.	There is typically a problem with the source file.	– If it is a network hotlist, ensure that the site can be reached by entering the address in a browser. – If a local hotlist, ensure that the file is on the system and can be opened.

ISSUE REPORTED	EXPLANATION	STEPS TO CORRECT
The NCIC Hotlist formatter that I need is not available. (New installation scenario)	The NCIC formatters were not added during the initial installation.	Stop the BOSS Service. Go to the Configure option on the BOSS Controller. Step to the NCIC screen. Select the desired NCIC formatters. Click **Save** and exit. Restart the BOSS Service. The formatters will now be available.
I am unable to see reads/hits in the Dispatch screen.	The time on the read/hit coming in must be relatively close, within a couple of minutes, to the BOSS server time.	For a mobile ALPR system, correct the time on the laptop or ALPR processor. A fixed camera can be configured to use a time server. If issue persists, the server that BOSS is running on could also be configured to sync with a time server.
An error message, "Compressed method not supported," was found in the BOSS Server Log.	There is a problem with a source file for one of the hotlist.	Ensure that the source file can be opened. If not, update it with one that can be opened.
An error message, "Transaction has aborted," was found in the BOSS Server Log.	There are various reasons that this message can occur.	Obtain a copy of the complete error message. Provide this information to Technical Support.
An error message. "Error #nn appeared in the db for Stored Procedure xxxx on line nn." was found in the BOSS Server Log.	An error occurred when running the stored procedure listed in the message.	Obtain a copy of the complete error message. Provide this information to Technical Support.
An error message, "Timeout expired. The timeout period elapsed prior to completion of the operation or the server is not responding," was found in the BOSS Server Log.	A SQL timeout error has occurred.	Obtain a copy of the complete error message. Provide this information to Technical Support.
An error message, "SNTP server not started, could not bind to InterNetwork 0.0.0.0:123," was found in the BOSS Server Log.	This is an expected error message that occurs when BOSS has not been configured to access a time server.	If no time server has been configured, this message can be ignored. If one has been configured, this needs to be escalated for further assistance.
After a new installation, the BOSS server stops running with an error message, "Failed in working with the database. Ensure connectivity is properly defined. Try running the BOSS Controller again and checking settings," was found in the BOSS Server Log.	When BOSS was started, there was a connection issue between it and the SQL Server.	Start by checking the information in the Controller. If that is all correct, then check to ensure that the SQL Server is running. If no issues are found there contact Technical Support Obtain a copy of the complete error message.
After a new installation, the BOSS Server stops with no error message in the BOSS Server Log.	The server needs to be run with Administrator privileges.	The server should be restarted in the Console as an Administrator. If running BOSS as a service then the BOSS Controller must be run as Administrator.
Error message in BOSS Server Log says that the file "httpconfig.exe" cannot be found.	This is an error that can occur when the system has not been updated in some time. It has been seen for other uncertain reasons as well.	Obtain a copy of the complete error message. Provide this information to Technical Support.

ISSUE REPORTED	EXPLANATION	STEPS TO CORRECT
After a new installation, the BOSS Server starts but stops moments later. The BOSS Server Log contains the error message. "The system cannot find the file specified Additional Exception Message: Unhandled exception from 'Name:BOSS3.exe. There are no context policies." However, no file is listed in the message.	This typically occurs on older systems, especially Windows Server 2003, or systems that have not been updated for a while.	The file **httpcfg.exe** needs to be copied into the c:\Windows\System32 directory.
The BOSS Server won't start, and there is an error message, "Transport Manager failed to listen on the supplied UIR using the NetTcpPortSharing service: failed to start the service because it is disabled," in the BOSS Server Log.	The NetTcpPortSharing Service is not running.	Obtain a copy of the complete error message. Provide this information to Technical Support.
The BOSS server stops running, and there is an error message, "Cannot open database "<Database Name>," in the BOSS Server Log.	There is an issue with the connection between the BOSS server and the SQL Server.	Start by checking the information in the Controller. If correct, then check to ensure that the SQL Server is running. If no issues are found contact Technical Support. Obtain a copy of the complete error message.
The BOSS Server won't start and there is an error message "A file activation error occurred. The physical file name '<filename>' may be incorrect." in the BOSS Server Log.	There could be multiple reasons, but it is probably due to a database connection issue.	Obtain a copy of the complete error message. Provide this information to Technical Support.
When running the upgrade tool, an error message is displayed. A message is included in the BOSS Server Log: "Current upgrade state: One of the upgrade scripts failed to run as expected. Please contact support for direction."	This most likely occurred due to upgrading from an old version of BOSS.	Obtain a copy of the complete error message. Provide this information to Technical Support.
An unexpected response or behavior occurs in BOSS, and there is an error message, "Object reference not set to an instance of an object," in the BOSS Server Log.	This is a generic error message that can occur for various reasons.	Unless the issue has an obvious cause contact Technical Support. Obtain a copy of the complete error message.
The following error message, "Discarding tmp buffer because it's corrupted," has been found in the BOSS Server Log.	This message is associated with a database issue.	Obtain a copy of the complete error message. Provide the information to Technical Support.
The following error message, "SMTP server is not defined, email alerts disabled," has been found in the BOSS Server Log.	This message is informational indicating, as it states, that an email server has not been configured.	If attempts have been made to configure an email server and this error message occurs, recheck the settings and the server. If the error remains contact Technical Support.
The BOSS Service stops running, and the BOSS UI indicates that the server is not available. The following error message, "Cannot access a disposed object," is found in the BOSS UI Log.	This is an informational message provided by the UI confirming that it is no longer able to communicate with the BOSS server.	Restart the BOSS server and the BOSS UI will reconnect. If this does not correct the issue contact Technical Support.

ISSUE REPORTED	EXPLANATION	STEPS TO CORRECT
The following error message, "The socket connection was aborted," is found in the BOSS UI Log.	This is an informational message provided by the UI confirming that it is no longer able to communicate with the BOSS server.	Restart the BOSS server, and the BOSS UI will reconnect. If this does not correct the issue contact Technical Support.
A problem occurs while adding a hotlist and the following error message "Invalid object name '<hotlist name here>'," has been found in the BOSS Server Log.	This indicates that there is an issue with the hotlist formatter being used.	Confirm that the correct formatter is being used. If so, confirm the source file is formatted correctly. If so, contact Technical Support. Provide a copy of the full error message.
While installing BOSS, an error message displays: "Error opening file for writing: <File Name>."	This indicates that the application listed in the error message is still running.	Check the Windows System Tray for any BOSS applications still running on the system. Close the application(s) and continue the installation.
The BOSS applications are installed under one user, but are not found when another user logs in.	The application was not installed using administrative privileges.	The application will need to be uninstalled and reinstalled using administrative privileges.
While using Client Tools to create Begin Shift files, an error message displays: "Client has not been activated on the server."	Mobile devices must be enabled on BOSS to synchronize data to it. This message is displayed the first time that Client Tools is used to create Begin Shift files because it has not been enabled yet.	Configure Client Tools on BOSS *(see Section 17.6)* so that BOSS adds Client Tools as a device.
When using Client Tools to synchronize End Shift files to BOSS, the following error message displays: "Error: Could not find <file and path name>."	Client Tools was unable to find the End Shift files to be processed at the defined path.	Check that the location assigned for the End Shift file matches the location chosen when Client Tools was configured. If it does not, move the file to the configured location.

19 Appendix: Plug-Ins

BOSS allows the use of third-party code via a plug-in that serves the needs of BOSS customers with specific data requirements. Once a plug-in is created and compiled, a copy of the DLL and any other necessary files can be copied to the plug-ins directory under BOSS. BOSS will automatically detect the existence of the plug-in at that point and permit reads to be passed to the ReceiveData method of your plug-in.

The functions of the currently available BOSS plug-ins are described in Sections 19.1 and 19.2. For more information and guidance on installing a plug-in, contact 3M Technical Support for guidance.

19.1 The BOSS Truck Drayage Utility

Regulation of diesel-fueled heavy-duty trucks and a Drayage Truck Registry (DTR) were implemented by the California Air Resources Board (ARB) to help reduce both emissions from these vehicles and public exposure to contaminants in those emissions. Drayage trucks subject to regulation (Class 7 and Class 8) are registered and information about them is maintained on an ARB web service.

The Truck Drayage Utility is BOSS plug-in that provides access to the ARB web service. The utility is designed to contact the web service, retrieve data, and add it to a comma-separated values file. In BOSS, the Hotlist Administrator will then create a whitelist that uses this CSV file as the source file.

The connection to the ARB web service (managed by the Windows Task Scheduler) can be made once daily for a full download of the data, with subsequent connections allowed no more frequently then every 30 minutes for updates. This whitelist can then be deployed to a mobile or fixed camera in the monitored area. If a plate is read that is not included on the whitelist, a notification will be displayed in BOSS. Appropriate action can be taken at that time.

If the ARB web service is unavailable and downloads cannot be completed, the BOSS whitelist will not be updated. There will also be warning messages in the BOSS log such as “Could not connect to <web service address>. TCP error code nnnnn: <Error description>.” If this occurs, the utility will try again in 30 minutes. If the errors persist, it may be necessary to seek assistance.

19.2 The BOSS LPRD Plug-in

The BOSS LPRD plug-in relays the reads the BOSS server receives on to the national database at the Automated Regional Justice Information System (ARJIS), a joint powers agency that facilitates information-sharing among more than 70 law enforcement agencies—local, state, and federal—in the two California counties (San Diego and Imperial) that border Mexico. ARJIS operates a secure intranet (ARJISnet) with more than 11,000 users in San Diego County alone.

19.3 The BOSS DEA Plug-in

The BOSS DEA plug-in writes LPR messages to the file system as reads are received by the BOSS server. Those files will then be available for the Drug Enforcement Agency, DEA, File Transporter to act upon.

20 Appendix: GNU Lesser General Public License

Version 2. 1, February 1999

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Glossary

Term	Definition
ALPR	Automatic license plate recognition (also called automatic number plate recognition, or ANPR)
Annotation	A note or comment that can be made about and added to a read.
Deployment	The distribution or making available of a hotlist to a device
Device	A source of ALPR data; an LPCS unit or a fixed or mobile camera
Disposition	The classification of a hit; e.g., a recovered stolen vehicle
Fixed Camera	An ALPR camera permanently mounted above a roadway
Group	A group of BOSS users that belong together administratively
Hit	A match on a plate read against a hotlist
Hotlist	A list or database of license plates of interest, e.g., the NCIC database
Justification	A purpose for running a query on the captured data. There are several justifications included in the system by default. The BOSS Administrator can also create custom justifications to be used.
LPN	License plate number; also known as the Vehicle Plate Number
LPCS	3M™ License Plate Capture Software, the ALPR Mobile application
Local Server	A server running on a local system, in relation to the SQL server or the BOSS UI
Misread	A read that was marked as a misread by a user
Mobile Unit	An ALPR system with cameras, a mobile processor, and software, such as 3M License Plate Capture Software, installed in a vehicle
Notification	Propagation or delivery of an alert resulting from a hit
Overview	A color image of the vehicle to which the license plate is attached
Patch	A small image of the license plate
Permission	Authorization to access specified functionality in BOSS
Read	A license plate detection event that results in the plate text optical recognition and pictures being taken
Remote Server	A BOSS server that is running in another location
Role	A position, such as Administrator, with the authorization to access specified functionality in BOSS
Site	A group of related devices
Translation	The interpretation from a word in English to a word in a selected language
User	An authorized BOSS user (with a username and password)
Whitelist	In BOSS a whitelist hit is the opposite of a hotlist hit. When a license plate read does not exist in an enabled whitelist database, the same Hits (Alert) screen will be displayed.

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75-0302-4350-7

The Commonwealth of Massachusetts
Department of State Police

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Division of Investigative Services

FROM: Major Christopher S. Mason, #2401
Deputy Division Commander
Division of Investigative Services

DATE: May 31, 2017

SUBJECT: Commonwealth Fusion Center (CFC) Automated License Plate Reader Program

1. The Massachusetts State Police (MSP) and the Commonwealth Fusion Center (CFC) currently utilizes Automated License Plate Readers (ALPR) technology in both fixed and mobile environments. Currently the Department has fixed ALPR cameras at the Sagamore Bridge in Bourne. At that location there are five (5) hardwired, gantry mounted cameras. Three (3) of those cameras capture the three lanes of Westbound traffic leaving Cape Cod and (2) cameras capture the two Eastbound lanes of traffic heading onto Cape Cod.

2. The Bourne Bridge, located further South in Bourne, has four (4) hardwired, pole mounted ALPR cameras. At that location, two (2) cameras capture the two lanes of Westbound traffic leaving Cape Cod and (2) cameras capture the two Eastbound lanes of traffic heading onto Cape Cod.

3. In addition to the fixed camera locations, the CFC has invested in several mobile ALPR platforms. The Department has purchased four (4) Wanco trailers, each with one solar powered ALPR camera mounted on the trailer. Additionally, there is a smaller, digital Speed

Radar Sign trailer with a solar powered ALPR camera mounted covertly within the sign. There are also two (2) digital electronic message boards, each with a solar powered camera mounted to the trailer. All the trailers are powered through solar panels affixed to the trailers and the cameras are configured to capture plate reads from a vehicle's rear license plate. There is one (1) portable covert camera concealed within a non-descript utility box, which is designed to be hardwired and mounted to a telephone pole and can be moved based upon need.

4. Within the recently submitted 2017 Homeland Security Grant Proposal (HSGP) the CFC has proposed to purchase an G.L. c. 4.sec. 7.cl.26 (n)(security) trailers with an ALPR camera affixed to each. A spare camera is also included in the budget, bringing the total new ALPR cameras proposed for purchase in 2017 G.L. c. 4.sec. 7.cl.26 (n)(security) The spare ALPR camera is intended to be used as a replacement, as the current cameras operate in a harsh environment and are anticipated to fail with age.

5. Including the proposed 2017 camera and trailer purchases, the CFC ALPR inventory will be:

	G.L. c. 4.sec. 7.cl.26 (n)(security)
FIXED CAMERAS	
PORTABLE CAMERA TRAILERS	
PORTABLE CAMERA MESSAGE BOARDS	
PORTABLE CAMERA SPEED SIGN (COVERT)	
PORTABLE COVERT UTILITY BOX CAMERA	
SPARE ALPR CAMERA	

6. It should be noted that the portable ALPR cameras are primarily powered by solar power and subject to diminished performance times during extended low light (seasonal or weather related) conditions. The trailers can be augmented with generator power for extended operational periods if necessary. The addition of PTZ cameras, sensors, or other electronics to the current fleet of trailers would require upgrades to the solar capabilities of the trailers. The portable nature of the ALPR cameras allow for flexible deployment, based upon Department needs. The server and database management software that support the ALPR system will need to be upgraded in approximately one (1) to two (2) years, with an anticipated annual subscription cost of approximately $40,000.00 dollars.

7. The use of these ALPR technologies is governed by Massachusetts State Police Policy SOC-11 (currently under review) and the Department of Criminal Justice Information Systems (DCJIS) ALPR Policy. The DCJIS policy establishes a data retention period of one (1) year, upon which time any reads not subject to a preservation letter are to be purged. Attached to this document are copies of the revised draft SOC-11 and the DCJIS ALPR Policy. The IACP Model Policy for ALPR is also attached for reference.

8. The CFC has elected to use 3M as the ALPR camera and software vendor. 3M ALPR cameras are dual cameras that incorporate infrared illumination for effective license plate imaging in most lighting conditions and a color camera to provide a vehicle overview image. The cameras are capable of streaming video, but significant networking challenges and costs would

have to be overcome to support this use. The still images that are captured tend to be focused on the rear license plate area of a vehicle and rarely include the operator or passengers. 3M announced on May 05, 2017 that it is in the process of selling off its ALPR program to a new vendor, SMARTRAC.

9. All plate reads and digital images captured by the ALPR cameras are transmitted wirelessly by each camera through a Verizon wireless data plan and network, which is funded separately from the camera. The data is transmitted to a central server hosted and maintained by DCJIS in Chelsea. As the ALPR program is expanded, periodic upgrades to the central server memory capacity will be required. As the data holder, DCJIS is responsible for FOIA requests.

10. The data held on the DCJIS server can be accessed through a 3M, web based graphic user interface portal which provides vetted, CORI cleared users to access the information. A criminal predicate or legitimate law enforcement purpose is required to query the database and users are required to enter a user name/password to access the database. The system also requires the entry of the query purpose and a case name or case number prior to initiating a plate query. An electronic audit system, similar to that used by DCJIS, is in place. Currently, user training and user accounts are created and managed by the MSP Traffic Operations Section. Users can conduct historical checks for user defined time periods and date ranges. Users can also establish hotlists that trigger notifications when a target plate is read by any of the cameras collecting plate reads and storing them on the central server. Currently all CFC ALPR data is sent to a single server in Chelsea.

11. Hotlists can be defined and modified by users with appropriate permissions. For example, Hotlists can be created for Amber and Silver Alerts, stolen vehicles, narcotic investigations and a variety of criminal investigations. Detailed entry of target plates and management of the hotlist is the responsibility of the entering user and most often occurs at the Unit or Troop level by designated personnel. Hotlists can also be automated. For instance, plate reads can be compared to the daily NCIC stolen plate list.

12. Once a target plate has been entered into a hotlist, a plate read by any of the contributing cameras will trigger a notification to users designated to receive them. Users can request that notification be through text (single or group), e-mail or audible/visual pop up on an in-cruiser MDT. Emails represent the best type of notification because they contain the overall vehicle image, which allows for confirmation of the plate read. ALPR technology does not distinguish between plate state type and the optical character read (OCR) technology can result in misreads of characters. User confirmation of all reads is a critical component of ALPR use. The time from a system plate read to receipt of an email notification is typically less than five seconds.

13. In addition to 3M, some law enforcement agencies in Massachusetts, have chosen Vigilant Systems as their ALPR vendor. The plate reads captured by Vigilant ALPR cameras are stored in a separate database from 3M. Currently there is no federated search available that will query both the 3M and Vigilant database simultaneously. Some agencies have elected to not store their ALPR data in Chelsea, and instead store their data in an agency hosted server, subject

to their own ALPR policy. The CFC conducts two separate searches of both the 3M and Vigilant systems when conducting ALPR plate checks.

14. The MSP Traffic Operations Section manages and deploys the cruiser mounted ALPR cameras utilized by the Division of Field Services. These ALPR plate reads are sent to the central DCJIS server and are accessed through the 3M data management software in the same manner as the Departments fixed and trailer mounted ALPR assets. There is often close coordination between the CFC and Traffic Ops on ALPR related issues and equipment purchases to ensure that Department's ALPR efforts are aligned.

15. The use of ALPR technologies and software analytics to assist law enforcement is likely to remain an area of growth in the future. This use must be coupled with sound policies and use protocols that ensure the protection of privacy, civil liberties and rights. The value of ALPR data has already proven itself and will continue to be a valuable tool to assist law enforcement in fulfilling its core mission of providing public safety and security for the community and for the nation.

Respectfully Submitted,

Christopher S. Mason
Major #2401
Massachusetts State Police

COMMONWEALTH FUSION CENTER

Kristine L. Foley
Intelligence Analyst
Massachusetts State Police

What is a Fusion Center?

A fusion center is defined as a "collaborative effort of two or more agencies that provide resources, expertise, and information to the center with the goal of maximizing their ability to detect, prevent, investigate, and respond to criminal and terrorist activity."

Among the primary focuses of fusion centers are the intelligence and fusion processes, through which information is collected, integrated, evaluated, analyzed, and disseminated.

- *National Criminal Intelligence Sharing Plan*

What We Are About

- Created – October 2004
- Criminal Intelligence Center
- Anti Terrorism Through JTTF & DHS
- Critical Infrastructure Protection
- Watch Office/Situational Awareness
  - Originally located in Maynard
  - Moved to State Police Headquarters- October 2017
- HIDTA

CFC Watch Center

- Fully staffed Monday-Friday 7am-11pm
  - 978-451-3700
  - fusion@state.ma.us
- On-call personnel provide support to other agencies on weekends & after hours
- Watch personnel respond to requests for service from MSP and other law enforcement agencies by utilizing CFC databases and tools

CFC Watch Center

- Monitors and tracks current events (local, national and abroad) that may affect public safety.
- Members provide situational reporting to other public safety agencies by utilizing the following notification systems:
  - The HHAN
  - SharePoint Report Situational Awareness

NEHIDTA

- New England High Intensity Drug Trafficking Area
- Co-located with the CFC in February 2009
- Funded by Office of National Drug Control Policy
- Consists of Two Components:
  - HIDTA Watch Center – 24/7
    - Officer Safety Deconflictions - Federal, State and Local)
    - 978-451-3900
    - Watchcenter@nehidta.org
  - Investigative Support Center – M-F 0700-1700
    - DHE95@nehidta.org

NEHIDTA

New England HIDTA Investigative Support Center

124 Acton Street
Maynard, MA 01754
Phone: (978) 451-3900
Fax: (978) 451-3901
Watchcenter@nehidta.org

WATCH CENTER
Personal Identification Number Application

Name: _____ **Rank:** _____
Badge Number: _____ **PIN(Last 4 of Social Security)** _____
Agency _____
Phone Number: _____ **Mobile Phone:** _____ **Email:** _____
Mailing Address: _____

If assigned to a HIDTA Initiative, list name: _____
List Parent Agency: _____

Signature _____

Applicants for New England HIDTA PIN numbers must meet the following criteria:

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2. Any crime analyst/case support personnel assigned to HIDTA.

3. Any investigator/agent/crime analyst/case support personnel assigned full time to a unit whose primary purpose is to investigate:
   a. Drug Trafficking
   b. Homicide and/or Violent Crime
   c. Firearms Violations
   d. Money Laundering

   and who is employed by a law enforcement agency which either participates in HIDTA by assigning personnel to HIDTA Initiatives and/or is geographically located in the New England HIDTA region.

4. Any investigator/agent/crime analyst/case support personnel assigned full time to a unit whose primary purpose is to investigate:
   a. Drug Trafficking
   b. Homicide and/or Violent Crime
   c. Firearms Violations
   d. Money Laundering

   and who is employed by a law enforcement agency geographically located outside the New England HIDTA region, but is assigned full time to a Task Force supervised by a HIDTA member

(See Back)

law enforcement agency. {PIN number eligibility is the responsibility of the HIDTA member law enforcement agency.}

In addition, agency/HIDTA Initiative supervisors are to immediately notify the Watch Commander in the event any officer/agent/crime analyst/case support personnel is reassigned and no longer meets the PIN number issuance requirements or is subject to an internal affairs, OPR, or similar investigation, in order that their Watch Center database can be withdrawn.

Pin numbers are individually assigned to each requesting office/agent. Pin numbers are not to be shared or otherwise disclosed. A PIN number must be provided by any officer/agent/crime analyst, case support personnel requesting a check of any Watch Center Database. No information is disseminated until this PIN number is provided to the Watch Center and verified by Watch Center personnel.

I have reviewed the above and the applicant meets the criteria for PIN number issuance. The character and internal investigations for the above named personnel have been reviewed. I certify that the applicant is a favorable candidate for access to the New England HIDTA Watch Center databases.

_____ Date

_____ Reviewing Official (Signature)

_____ Reviewing Official (Printed Name)

Fax or Email or Mail document to:
Watch Commander
New England HIDTA Watch Center
124 Acton Street
Maynard, MA 01754
Fax: (978) 451-3901
Watchcenter@nehidta.org

_____ PIN Number (Watch Center Use)

What Can We Do For YOU?



Automated License Plate Recognition (ALPR)

- Vigilant and 3M
- CFC can search both systems (requires a case # and crime type)
- About 80% accuracy on OCR (Optical Character Recognition)
- Hot Lists – Can be pushed to any participating 3M sites

Automated License Plate Recognition (ALPR)

- Utilizes high-speed cameras combined with sophisticated computer algorithms capable of converting the images of license plates to electronically readable data
- Capable of comparing the digital images of license plates to the CJIS-NCIC Hot file database (Missing/Wanted/Stolen)
- Combination of Fixed + Mobile + Portable units

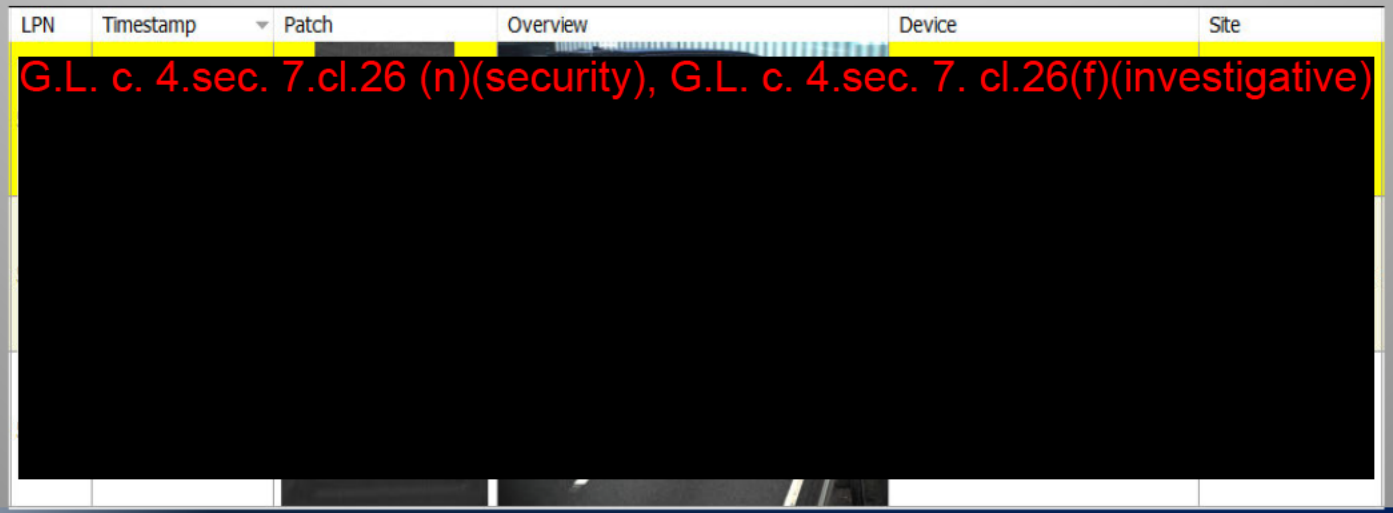
Automated License Plate Recognition

G.L. c. 4.sec. 7.cl.26 (n)(security)

[redacted]

ALPR
HISTORICAL QUERIES

- Data retention policy may vary by agency
- Results typically include: Date/Time, Location (Lat/Long), Photograph of Plate/Vehicle
- Pattern of travel
- OCR Accuracy and Misreads



ALPR
HOTLISTS & ALERTS

- Data retention policy may vary by agency
- E-Mail & SMS


BOSS License Plate#: [redacted] Alert

B BossAlerts@state.ma.us
Yesterday, 12:54 PM
Bender, Sean (POL)

G.L. c. 4 sec. 7.cl.26 (n)(security), G.L. c. 4 sec. 7. cl.26(f)(investigative)

[redacted]

Lat & Long - 41.752348,-70.592641 https://urldefense.proofpoint.com/v2/url?u=http-3A__maps.google.com_-3Ft-3Dm-26q-3D41.752348-2C-2D70.592641&d=DwIFAg&c=IDF7oMaPKXpkYvev9V-fVahWL0OWnGCCAfCDz1Bns_w&r=O0jah3bjtc3z9KBUGbQQ-Zamgze2uoB0Sqh88_-iN3k&m=yYjl-7N57Un6Fc6QuI_5AQYYXTBDuPeqftx628MqgiQ&s=avXNPiI9i0Vi2b9RTIzDFoeQen9P_ngBp7w2WfXWFF0&e=
Description - Bourne Bridge 28SB Inner Lane, Cape Cod (To Cape from 6/28SB/495)

Examples:

- Narcotics Investigations
- Wanted Person(s)
- AMBER Alerts
- Missing Person/Silver Alerts
- BOLOs/Attempt-to-Locate

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lieutenant Governor

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
PO BOX 080
TRENTON, NJ 08625-0080

PAULA T. DOW
Attorney General

DIRECTIVE NO. 2010-5

TO: Director, Office of Homeland Security and Preparedness
Director, Division of Criminal Justice
Superintendent, New Jersey State Police
All County Prosecutors
All County Sheriffs
All Police Chiefs
All Law Enforcement Chief Executives

FROM: Paula T. Dow, Attorney General

DATE: December 3, 2010

SUBJECT: **Law Enforcement Directive Promulgating Attorney General Guidelines for the Use of Automated License Plate Readers (ALPRs) and Stored ALPR Data**

In order to fulfill the mission of protecting the public, the New Jersey law enforcement community must take full advantage of new crime-fighting technologies as they become available. Automated license plate readers (ALPRs) are now being used by a number of law enforcement agencies around the nation, and a number of police agencies in New Jersey have recently acquired these devices or are planning to do so in the near future. License plate recognition technology can be used to support a wide range of law enforcement operations and activities, including homeland security, criminal and terrorist suspect interdiction, revoked/suspended driver interdiction, stolen property recovery, stay-away order enforcement and, of course, the apprehension of individuals who are subject to an outstanding arrest warrant.

These devices enable police officers to recognize and take immediate action against vehicles and persons who are subject to an investigative detention or arrest based on a "Be on the Lookout" bulletin. The data collected by ALPRs can also provide solid investigative leads if, for example, a device happened to be scanning license plates near a crime scene, allowing police to locate potential suspects, witnesses, or victims by identifying vehicles that were in the vicinity at the time of the

offense. A careful analysis of stored ALPR data can also be used to detect suspicious activities that are consistent with the *modus operandi* of criminals. This new technology can in this way serve an especially important role in protecting our homeland from terrorist attack, as shown by the fact that many of the devices that are now or soon will be in operation in this State were purchased with homeland security grant monies.

While license plate recognition technology can help to protect public safety, the widespread deployment and use of ALPRs, and especially the collection and storage of data pertaining to individuals who are not reasonably believed to be involved in unlawful activity, raise legal and policy issues. Notably, the New Jersey Supreme Court has held that while police are permitted to "run the plates" of any vehicle they encounter while on patrol, and need not have a particularized reason before checking a vehicle's license plates against a government database, police in this State may not as a result of any such lookup be shown personal identifying information about a motorist unless there is a particularized basis for further police action. See State v. Donis, 157 N.J. 44 (1998). The Guidelines attached hereto are designed to protect the legitimate privacy interests of motorists by implementing the non-disclosure rule established in Donis and by adapting the Donis Court's rationale to the context and capabilities of ALPR technology.

Recognizing that our experience with this new and evolving technology is limited, and that we still have much to learn about how best to incorporate these devices into our arsenal of investigative techniques, it is appropriate for me as the State's chief law enforcement officer to issue uniform statewide guidelines to ensure that ALPRs are used only for *bona fide* law enforcement purposes, and that the data collected by these devices are used in accordance with substantive standards and procedural safeguards that appropriately balance the need for law enforcement agencies to prevent and respond to terrorism and other forms of crime against the legitimate privacy interests of persons operating motor vehicles on the roadways of this State.

THEREFORE, I, Paula Dow, Attorney General of the State of New Jersey, pursuant to the authority granted to me by the Constitution of the State of New Jersey and by the Criminal Justice Act of 1970, N.J.S.A. 52:17B-97 *et seq.*, and in consultation with the Director of the New Jersey Office of Homeland Security and Preparedness, hereby Direct the following:

1. Adoption of Guidelines

The "*Attorney General Guidelines for the Use of Automated License Plate Readers and Stored ALPR Data*" (dated December 3, 2010) attached to this Directive and incorporated by reference into this Directive are hereby adopted and shall be followed and enforced by all law enforcement agencies and officers operating under

the authority of the laws of the State of New Jersey.

2. Implementation

Every law enforcement agency operating under the authority of the laws of the State of New Jersey that possesses or uses one or more automated license plate readers shall, within 45 days of the issuance of this Directive, promulgate and enforce a rule, regulation, standard operating procedure, directive, or order, in a form as may be appropriate given the customs and practices of the agency, which shall comply with and implement the provisions of the attached Guidelines, and which shall provide that any sworn officer or civilian employee of the agency who knowingly violates the agency's rule, regulation, standard operating procedure, directive, or order shall be subject to discipline. A law enforcement agency operating under the authority of the laws of the State of New Jersey that purchases an automated license plate reader on or after the effective date of this Directive shall not operate the device without having promulgated a rule, regulation, standing operating procedure, directive, or order in accordance with this section.

3. Scope

The provisions of this Directive and of the attached Guidelines pertaining to stored ALPR data apply to all law enforcement agencies operating under the authority of the laws of the State of New Jersey that access or use stored ALPR data, even if the agency does not own or operate an ALPR.

4. Questions and Controversies

All questions concerning the interpretation, implementation, or enforcement of this Directive, or of the attached Guidelines, shall be addressed to the Attorney General or his or her designee.

5. Periodic Review

The Director of the Division of Criminal Justice, in consultation with the Superintendent of the New Jersey State Police, the Director of the Office of Homeland Security, the County Prosecutors, the County Sheriffs, and the New Jersey Association of Chiefs of Police, shall, within one year of the effective date of this

Directive, report to the Attorney General on the implementation of this Directive, and on any recommendations for revising the attached Guidelines.

6. Effective Date

This Directive shall take effect 45 days after it is issued in order to provide an opportunity for law enforcement agencies to comply with its requirements and to establish and enforce policies and procedures consistent with the attached Guidelines. Once effective, this Directive shall remain in force and effect unless and until a repealed, amended, or superseded by Order of the Attorney General.

Paula T. Dow
Attorney General

Attest:
Carolyn Murray
Counsel to the Attorney General

Issued on: December 3, 2010
Effective on : January 18, 2011

ATTORNEY GENERAL GUIDELINES FOR THE USE OF AUTOMATED LICENSE PLATE READERS (ALPRs) AND STORED ALPR DATA

(Issued December 3, 2010; Effective January 18, 2011)

1. PURPOSE AND SCOPE

1.1 Reasons for Promulgating Uniform Statewide Guidelines

The purpose of these Guidelines is to provide direction to law enforcement agencies and officers on the appropriate us e of Automated License Plate Readers (ALPRs) and the data that are collected by these devices and stored for future law enforcement use. These Guidelines are not intended to serve as a comprehensive operational manual. Rather, they are meant to ensure that ALPRs and ALPR-generated data are used in an appropriate manner and only for *bona fide* public safety purposes.

The following Guidelines, which are promulgated pursuant to Attorney General Law Enforcement Directive 2010-5, should be interpreted and applied so as to achieve the following objectives:

- to ensure that "BOLO lists" (the compilation of targeted license plates that an ALPR is "on the lookout" for) that are programmed into the internal memory of an ALPR or that are compared against stored ALPR data are comprised only of license plates that are associated with specific vehicles or persons for which or whom there is a legitimate and documented law enforcement reason to identify and locate, or for which there is a legitimate and documented law enforcement reason to determine the subject vehicle's past location(s) through the analysis of stored ALPR data;

- to ensure that data that are captured by an ALPR can only be accessed by appropriate law enforcement personnel and can only be used for legitimate, specified, and documented law enforcement purposes;

- to permit a thorough analysis of stored ALPR data to detect crime and protect the homeland from terrorist attack while safeguarding the personal privacy rights of motorists by ensuring that the analysis of stored ALPR data is not used as a means to disclose personal identifying information about an individual unless there is a legitimate and documented law enforcement reason for disclosing such personal information to a law enforcement officer or civilian crime analyst; and

- to ensure that stored ALPR data are purged after a reasonable period of time so as to

minimize the potential for misuse or accidental disclosure.

1.2 Applicability of Guidelines

These Guidelines apply to all law enforcement agencies that operate under the authority of the laws of the State of New Jersey that own or operate one or more ALPRs, that collect and maintain ALPR data, and/or that receive or are provided access to ALPR data collected by another agency.

1.3 Non-Enforceability of Rights by Third Parties

These Guidelines are issued pursuant to the Attorney General's authority under the Criminal Justice Act of 1970, N.J.S.A. 52:17B-97 *et seq.*, to ensure the uniform and efficient enforcement of the laws. These Guidelines impose limitations on the exercise of law enforcement discretion and the use of and access to ALPR-related data that may extend beyond the requirements of the United States and New Jersey Constitutions, and federal and state statutory law. Nothing in these Guidelines should be construed in any way to create any rights beyond those established under the Constitutions, statutes, and regulations of the United States and the State of New Jersey. The provisions of these Guidelines are intended to be implemented and enforced by law enforcement agencies that possess or use ALPRs, the New Jersey Office of Homeland Security and Preparedness, the County Prosecutors, and the Department of Law and Public Safety, and these provisions do not create any rights that may be enforced by any other persons or entities.

3. DEFINITIONS

As used in these Guidelines:

"Automated License Plate Reader" or "ALPR" means a system consisting of a camera, or cameras, and related equipment that automatically and without direct human control locates, focuses on, and photographs license plates and vehicles that come into range of the device, that automatically converts digital photographic images of scanned license plates into electronic text documents, that is capable of comparing scanned license plate text data with data files for vehicles on a BOLO (be on the lookout) list programmed into the device's electronic memory, and that notifies police, whether by an audible alert or by other means, when a scanned license plate matches the license plate on the programmed BOLO list. The term includes both devices that are placed at a stationary location (whether permanently mounted, or portable devices positioned at a stationary location) and mobile devices affixed to a police vehicle and capable of operating while the vehicle is in motion.

"BOLO (Be on the Lookout)" or "BOLO situation" refers to a determination by a law

enforcement agency that there is a legitimate and specific law enforcement reason to identify or locate a particular vehicle, or, in the case of a post-scan BOLO, there is a legitimate and specific reason to ascertain the past location(s) of a particular vehicle.

"BOLO list," sometimes referred to colloquially as a "hot list," is a compilation of one or more license plates, or partial license plates, of a vehicle or vehicles for which a BOLO situation exists that is programmed into an ALPR so that the device will alert if it captures the image of a license plate that matches a license plate included on the BOLO list. The term also includes a compilation of one or more license plates, or partial license plates, that is compared against stored license plate data that had previously been scanned and collected by an ALPR, including scanned license plate data that is stored in a separate data storage device or system.

"Initial BOLO list" refers to the BOLO list that was programmed into an ALPR at the time that the device was being used to scan license plates in the field.

"Post-Scan BOLO list" refers to a BOLO list that is compared against stored data collected by an ALPR, including scanned license plate data that has been transmitted to another device or data storage system.

"Stored data" refers to all information captured by an ALPR and stored in the device's memory or in a separate data storage device or system. The term includes the recorded image of a scanned license plate and optical character recognition data, a contextual photo (*i.e.*, a photo of the scanned vehicle and/or occupants), global positioning system("GPS") data (when the ALPR is equipped with a GPS receiver) or other location information, and the date and time of the scan. The term applies to both alert data and non-alert data that has been captured and stored by an ALPR or in a separate data storage device or system.

"Alert data" means information captured by an ALPR relating to a license plate that matches the license plate on an initial BOLO list or a post-scan BOLO list.

"Immediate alert" refers to an alert that occurs when a scanned license plate matches the license plate on an initial BOLO list and that is reported to the officer operating the ALPR, by means of an audible alarm or by any other means, at or about the time that the subject vehicle was encountered by the ALPR and its license plate was scanned by the ALPR.

"Non-encounter alert" refers to an immediate alert where the officer operating the ALPR is instructed to notify the agency that put out the BOLO without initiating an investigative detention of the subject vehicle or otherwise revealing to the occupant(s) of that vehicle that its location has been detected or that it is the subject of law enforcement attention (*e.g.*, a Violent Gang or Terrorist Organization File (VGTOF) alert).

"Personal identifying information" means information that identifies one or more specific individuals, including an individual's name, address, social security number, vehicle operator's

license number, or biometric records. The term includes personal identifying information that is included within the data comprising a BOLO list, as well as personal identifying information that is learned by checking a license plate scanned by an ALPR against the Motor Vehicle Commission database or any other data system that contains personal identifying information.

"Scan" refers to the process by which an ALPR automatically focuses on, photographs, and converts to digital text the license plate of a vehicle that comes within range of the ALPR.

"Authorized user"means a sworn or civilian employee of a law enforcement agency who has been authorized by the chief of the agency, or by the Attorney General or a county prosecutor or his or her designee, to operate an ALPR, or to access and use ALPR stored data, and who has successfully completed training provided by the agency on the agency's ALPR policy and on these Guidelines.

"Designated supervisor" means a superior officer assigned by the chief of a law enforcement agency to oversee and administer, or to assist in overseeing and administering, the agency's use of ALPRs and stored ALPR data. A law enforcement agency may have more than one designated supervisor.

"Chief" of a department or agency means the highest ranking sworn officer of a law enforcement agency.

"Post-Scan BOLO query" refers to the process of comparing a post-scan BOLO list against stored ALPR data.

"Crime scene query" refers to the process of accessing and reviewing stored ALPR data that had been originally scanned at or about the time and in the vicinity of a reported criminal event for the purpose of identifying vehicles or persons that might be associated with that specific criminal event as suspects, witnesses, or victims.

"Criminal event" means a specific incident, or series of related specific incidents, that would constitute an indictable crime under the laws of the State of New Jersey, whether or not the incident(s) have occurred or will occur within the State of New Jersey. The term includes an attempt or conspiracy to commit a crime, or actions taken in preparation for the commission of the crime, such as conducting a surveillance of the location to identify and evade or thwart security measures, or conducting a rehearsal of a planned crime. The term includes two or more separate criminal acts or episodes that are linked by common participants or that are reasonably believed to have been undertaken by a criminal organization or as part of an ongoing conspiracy.

"Crime trend analysis" refers to the analytical process by which stored ALPR data is used, whether alone or in conjunction with other sources of information, to detect crime patterns by studying and linking common elements of recurring crimes; to predict when and where future crimes may occur; and to link specific vehicles to potential criminal or terrorist activity. The term includes

an automated process in which a computer program analyzes stored data to identify potentially suspicious activity or other anomalies involving one or more scanned vehicles and where such automated analysis is done without disclosing personal identifying information about any individual to an authorized user or any other person except as may be authorized pursuant to Section 10.2.3 of these Guidelines.

4. DEPLOYMENT OF ALPRS

4.1 Restricted Uses

An ALPR and data generated by an ALPR shall only be used for official and legitimate law enforcement business.

4.2 ALPR Scanning Limited to Vehicles Exposed to Public View

An ALPR shall only be used to scan license plates of vehicles that are exposed to public view (*e.g.*, vehicles on a public road or street, or that are on private property but whose license plate(s) are visible from a public road, street, or a place to which members of the public have access, such as the parking lot of a shopping mall or other business establishment).

4.3 Supervisory Approval of All ALPR Deployments

An ALPR shall not be deployed in the field unless the deployment has been authorized by the chief of the department or a designated supervisor, or by the Attorney General or designee or a county prosecutor or designee. Such authorization may be given for repeated or continuous deployment of an ALPR (*e.g.*, mounting the device on a particular police vehicle, or positioning the ALPR at a specific stationary location), in which event the deployment authorization shall remain in force and effect unless and until rescinded or modified by the chief or designated supervisor, or the Attorney General or county prosecutor or designee.

4.4 Trained Operators and Analysts

A sworn officer or civilian employee of the department may operate an ALPR or access or use ALPR stored data only if the person has been designated as an authorized user by the chief of the department, or by the Attorney General or designee or a county prosecutor or designee, and has received training from the department on the proper use and operation of ALPRs, the requirements of Attorney General Law Enforcement Directive 2010-5, and these Guidelines, and any policies and

procedures governing the use of ALPRs and ALPR data issued by the department pursuant to Attorney General Directive 2010-5and Section 14 of these Guidelines.

5. MAINTENANCE OF RECORDS

5.1 Records Documenting the Deployment of ALPRs

Each department that owns or operates an ALPR shall maintain a written or electronic record that documents the following information:

date and time when the ALPR was deployed;

whether the ALPR was mobile, or was stationed at a fixed specified location;

the identity of the operator;

whether ALPR data was transferred to any other database or data storage device or system.

5.2 Records Documenting the Use of Stored ALPR Data

Each department that stores ALPR data shall maintain a record of all access to stored ALPR data. The department's ALPR data record keeping system, which may be automated, shall document the following information:

the date and time of access, and, in the case of access to stored non-alert data, the type of access authorized by Section 10.2 of these Guidelines (*i.e.*, post-scan BOLO query, crime scene query, or crime trend analysis);

the authorized user who accessed the stored data;

whether an automated software program was used to analyze stored data;

the designated supervisor who reviewed and approved any disclosure of personal identifying information based upon crime trend analysis when such approval is required by Section 10.2.3 of these Guidelines;

the designated supervisor who approved any use of an automated crime trend analysis computer program that would automatically alert and disclose personal identifying

information in accordance with Section 10.2.3;

any other information required to be documented pursuant to Section 10.2 or any other provision of these Guidelines.

5.3 Maintenance of Records

All written or electronic records of ALPR activity and access to ALPR data shall be maintained by the department for a period of five years, and shall be kept in a manner that makes such records readily accessible to any person authorized by these Guidelines to audit the department's use of ALPRs and ALPR-generated data. When a department employs an automated system to record any information that is required to be documented pursuant to these Guidelines, it shall not be necessary for the department to maintain duplicate records of any events or transactions that are documented by the automated record-keeping system.

6. CONTENT AND APPROVAL OF BOLO LISTS

6.1 Criteria for and Examples of Legitimate BOLO Situations

A license plate number or partial license plate number shall not be included in an ALPR initial BOLO list unless there is a legitimate and specific law enforcement reason to identify or locate that particular vehicle, or any person or persons who are reasonably believed to be associated with that vehicle. A license plate or partial license plate number shall not be included in a Post-Scan BOLO list unless there is a legitimate and specific law enforcement reason to ascertain the past locations(s) of that particular vehicle, or of any person or persons who are reasonably believed to be associated with that vehicle.

Examples of legitimate and specific reasons include, but are not limited to: persons who are subject to an outstanding arrest warrant; missing persons; AMBER Alerts; stolen vehicles; vehicles that are reasonably believed to be involved in the commission of a crime or disorderly persons offense; vehicles that are registered to or are reasonably believed to be operated by persons who do not have a valid operator's license or who are on the revoked or suspended list; vehicles with expired registrations or other Title 39 violations; persons who are subject to a restraining order or curfew issued by a court or by the Parole Board, or who are subject to any other duly issued order restricting their movements; persons wanted by a law enforcement agency who are of interest in a specific investigation, whether or not such persons are themselves suspected of criminal activity; and persons who are on any watch list issued by a State or federal agency responsible for homeland security.

6.2 Batch Downloading of BOLO List Data

BOLO list information may be downloaded in batch form from other databases, including but not limited to the National Crime Information Center (NCIC), National Insurance Crime Bureau, United States Department of Homeland Security, and Motor Vehicle Commission database.

6.3 Updates to BOLO Lists

An initial BOLO list may be revised at any time. In the event that an initial BOLO list is constructed, in whole or in part, with sets of data downloaded from another database, so as to account for any changes that may have been made in the data maintained in those other databases, updates to the initial BOLO list shall, in the case of a mobile unit attached to a police vehicle, be made at the start of each shift, and in the case of an ALPR positioned at a stationary location, be made as frequently as is practicable, and on not less than a daily basis. Information concerning any license plate that is referenced in an AMBER Alert activated by the New Jersey State Police shall be added to the initial BOLO list as expeditiously as possible, and shall remain in the initial BOLO list until the AMBER Alert expires or is withdrawn.

6.4 Special Instructions for Immediate Alert Response

When practicable, the reason for placing a vehicle on BOLO list shall be included with the BOLO and shall be disclosed to the officer who will react to an immediate alert. If for any reason an officer reacting to an immediate alert should not initiate an investigative detention (*e.g.*, where the license plate was included in the BOLO list because the department or any other agency wanted to be notified of the location of the subject vehicle without alerting the driver/occupants that they are the subject of law enforcement attention, such as in the case of Violent Gang or Terrorist Organization File (VGTOF) alert), to the extent feasible, the information attached to the license plate on the BOLO list shall be entered in such a way as to cause the ALPR to clearly designate an immediate alert as a "non-encounter" alert, and shall provide specific instructions to the officer as to who to notify of the alert. See Section 7, infra.

7. POLICE ACTIONS IN RESPONSE TO AN IMMEDIATE ALERT

When an officer operating a vehicle equipped with an ALPR receives an immediate alert, the officer shall take such action in response to the alert as is appropriate in the circumstances. An officer alerted to the fact that an observed motor vehicle's license plate is on the BOLO list may be required to make a reasonable effort to confirm that a wanted person is actually in the vehicle before

the officer would have a lawful basis to stop the vehicle. See State v. Parks, 288 N.J. Super. 407 (App. Div. 1996) (police do not have reasonable suspicion to justify a stop based on a computer check that shows that the operator's license of the registered owner of the vehicle is suspended unless the driver generally matches the owner's physical description (*e.g.*, age and gender)).

An officer reacting to an immediate alert shall consult the database to determine the reason why the vehicle had been placed on the BOLO list and whether the alert has been designated as a non-encounter alert. In the event of a non-encounter alert, the officer shall follow any instructions included in the alert for notifying the law enforcement or homeland security agency that had put out the BOLO. See Section 6.4, supra.

8. SECURITY OF STORED ALPR DATA

8.1 Physical Security and Limited Access

All ALPR stored data shall be kept in a secure data storage system with access restricted to authorized persons. Access to this stored data shall be limited to the purposes described in Section 10 of these Guidelines.

8.2 Differentiation of Stored Positive Alert Data From Non-Alert Data

Stored ALPR data shall be maintained electronically in such a manner as to distinguish alert data from non-alert data so as to ensure that access to and use of non-alert data and any disclosure of personal identifying information resulting from the analysis of non-alert data occurs only as may be authorized pursuant to section 10.2 of these Guidelines. Positive alert data may, as appropriate, be transferred to the appropriate active investigation file, see also Section 10.1, infra, and may as appropriate be placed into evidence in accordance with the department's evidence or records management procedures.

9. RETENTION PERIOD AND PURGING OF STORED DATA

Each law enforcement agency shall, pursuant to the provisions of Section 14 of these Guidelines, establish and enforce procedures for the retention and purging of stored ALPR data in accordance with this Section. ALPR stored data shall be retained for a period of five years, after which, the data shall be purged from the agency's data storage device or system. A law enforcement agency may purge ALPR data before the expiration of the five-year retention period only if the data has been transferred to the State Police Regional Operations Intelligence Center (R.O.I.C.)or any other system that aggregates and stores data collected by two or more law enforcement agencies in accordance with the provisions of these Guidelines. Any ALPR data transferred to another agency

shall indicate the date on which the data had been collected by the ALPR so that the receiving agency may comply with the five-year retention and purging schedule established in this Section. See also Section 11.1 and 11.2, infra.

10. LIMITATIONS ON ACCESS TO AND USE OF STORED ALPR DATA

10.1 Access to Positive Alert Data

An authorized user may access and use stored ALPR alert data as part of an active investigation or for any other legitimate law enforcement purpose, including but not limited to a post-scan BOLO query, a crime scene query, or crime trend analysis. A record shall be made of the access to the data, which may be an automated record, that documents the date of access, and the identity of the authorized user. An authorized user need not obtain approval from the chief or designated supervisor, or Attorney General or county prosecutor or designee, for each occasion on which he or she accesses and uses stored ALPR data. Once positive alert data has been accessed and transferred to an investigation file, it shall not be necessary thereafter to document further access or use of that data pursuant to these Guidelines.

10.2 Access to Non-Alert Data

Access to and use of stored non-alert ALPR data is limited to the following three purposes: a post-scan BOLO query, a crime-scene query, and crime trend analysis. An authorized user does not need to obtain approval from the chief or a designated supervisor, or Attorney General or county prosecutor or designee, for each occasion on which he or she accesses and uses stored non-alert data pursuant to this Section.

10.2.1 Post-Scan BOLO Query

A law enforcement agency is authorized to compare a post-scan BOLO list against stored ALPR data where the results of the query might reasonably lead to the discovery of evidence or information relevant to any active investigation or ongoing law enforcement operation, or where the subject vehicle might be placed on an active initial BOLO list. (For example, a law enforcement agency may review stored non-alert data to determine whether a specific vehicle was present at the time and place where the ALPR data was initially scanned for the purpose of confirming or dispelling an alibi defense, or to develop lead information for the purpose of locating a specified vehicle or person. A law enforcement agency may also check stored data to determine whether a vehicle that was only recently added to an initial BOLO list had been previously observed in the jurisdiction before it had been placed on an initial BOLO list.)

10.2.2 Crime Scene Query

a. A law enforcement agency is authorized to access and use stored non-alert data where such access might reasonably lead to the discovery of evidence or information relevant to the investigation of a specific criminal event as defined in these Guidelines. Note that if the law enforcement agency has reason to believe that a specific person or vehicle was at or near the location of the specific crime at the time of its commission, non-alert stored data might also be examined under the authority of Section 10.2.1 as part of post-scan BOLO query.

b. A crime scene query may not be conducted to review stored non-alert data based on general crime patterns (*i.e., e.g.*, to identify persons traveling in or around a "high crime area"), but rather is limited to situations involving specific criminal events as that term is defined in these Guidelines.

c. The crime scene query of non-alert stored data shall be limited in scope to stored non-alert data that is reasonably related to the specified criminal event, considering the date, time, location, and nature of the specified criminal event. For example, a crime that reasonably involves extensive planning and possible "rehearsals," such as a terrorist attack, would justify examining stored non-alert data that had been scanned and collected days or even weeks or months before the criminal event, and that may have been scanned at a substantial distance from the site of the crime or intended crime (*e.g.*, at any point along a highway leading to the intended crime site). A spontaneous crime, in contrast, might reasonably justify examination of stored non-alert data that was scanned and collected on or about the time of and in closer physical proximity to the criminal event.

d. The law enforcement agency shall document the specific crime or related crimes constituting the criminal event and the date(s) and location(s) of the specific crime(s).

10.2.3 Crime Trend Analysis

a. A law enforcement agency may access and use stored non-alert data for purposes of conducting crime trend analysis, as that term is defined in these Guidelines, when such access and analysis is approved by a designated supervisor and where such analysis is undertaken to produce analytical products that are intended to assist the agency in the performance of its duties. A designated supervisor may authorize one or more authorized users to conduct a method or methods of crime trend analysis on a repeated or continuous basis, in which event such authorization shall remain in force and effect unless and until modified or rescinded by the supervisor. A designated supervisor may also approve the use of an automated software program to analyze stored data to look for potentially suspicious activity or other anomalies that might be consistent with criminal or terrorist activity.

b. Crime trend analysis of stored non-alert data, whether automated or done manually, shall not result in the disclosure of personal identifying information to an authorized user or any other person unless:

1) the agency can point to specific and articulable facts that warrant further investigation of possible criminal or terrorist activity by the driver or occupants of a specific vehicle *(i.e.*, unusual behavior consistent with the *modus operandi* of terrorists or other criminals), and access to the personal identifying information based on those specific and articulable facts has been approved by a designated supervisor. Such approval may be given by a designated supervisor in advance when the crime trend analysis reveals the existence of specified suspicious circumstances that would warrant further investigation and that would justify disclosure of personal identifying information to the authorized user conducting the analysis under the "specific and articulable facts that warrant further investigation" standard of proof established in this Section. The supervisor shall document any and all specified suspicious circumstances for which disclosure of personal identifying information is pre-approved if those suspicious circumstances are revealed by authorized crime trend analysis. When an automated crime trend analysis computer program is used, specified suspicious circumstances that would warrant further investigation and that would justify disclosure of personal identifying information to an authorized user under this Section may also be pre-approved by a designated supervisor and built into the computer program so that if the program identifies the existence of the pre-determined suspicious circumstances, it will automatically alert the authorized user of the suspicious activity and provide to him or her the relevant personal identifying information in accordance with the "specific and articulable facts that warrant further investigation"standard of proof established in this Section; or

2) Disclosure of personal identifying information concerning any vehicle plate scanned by the ALPR is authorized by a grand jury subpoena.

c. Nothing in this Section shall be construed to prohibit a computer program from accessing and comparing personal identifying information of one or more individuals who are associated with a scanned vehicle as part of the process of analyzing stored non-alert data, provided that such personal identifying information is not disclosed to a person unless the "specific and articulable facts that warrant further investigation" standard is satisfied. The "specific and articulable facts that warrant further investigation" standard set forth in this Section applies only to the crime trend analysis of non-alert data, and nothing in this Section shall be construed to limit disclosure of personal identifying information of a person who is the registered owner of a vehicle that is on an initial or post-scan BOLO list (*i.e.*, alert data).

d. For the purposes of this Section, the "specific and articulable facts that warrant further investigation" standard required for the disclosure of personal identifying based upon crime trend

analysis of stored non-alert data is intended to be comparable to the "specific and articulable facts that warrant heightened caution" standard developed by the New Jersey Supreme Court in State v. Smith, 134 N.J. 599, 616-19 (1994) (establishing the level of individualized suspicion required before an officer may order a passenger to exit a motor vehicle stopped for a traffic violation).

e. The law enforcement agency accessing stored non-alert ALPR data for purposes of conducting crime trend analysis shall document: the nature and purpose of the crime trend analysis; the persons who accessed stored non-alert ALPR data for use in conducting that analysis; and the designated supervisor who approved access to ALPR non-alert data. In any instance where personal identifying information is disclosed based upon crime trend analysis of stored non-alert data, the agency shall document the specific and articulable facts that warrant further investigation and the designated supervisor who reviewed those facts and approved the disclosure of personal identifying information, or who pre-approved disclosure of personal identifying information based upon specified circumstances identified by an automated crime trend analysis computer program, or, where applicable, the fact that access to personal identifying information was authorized by a grand jury subpoena.

11. SHARED LAW ENFORCEMENT ACCESS TO STORED ALPR DATA

11.1 Authorization to Share and Aggregate Data

Any ALPR data that may in conformance with these Guidelines be accessed and used by the law enforcement agency that collected the data may be shared with and provided to any other law enforcement agency. Stored ALPR data may be combined with ALPR data collected by two or more law enforcement agencies (*e.g.*, collection of stored data by the State Police Regional Operations Intelligence Center), provided that such aggregated data shall only be retained, accessed, and used in accordance with the provisions of these Guidelines.

11.2 Record of Shared Access and Responsibilities of the Receiving Agency

When ALPR data is made accessible to or otherwise shared with or transferred to another law enforcement agency, the agency that collected the ALPR data shall document the identity of the other agency and the specific officer(s) or civilian employee(s) of that agency who were provided the information. When the transfer of stored ALPR data is done periodically as part of a system for aggregating data collected by two or more law enforcement agencies (*e.g.*, the scheduled and routine transmittal of data to the State Police Regional Operations Intelligence Center), each agency contributing data to the combined database shall maintain a record of the data transfer, which may be an automated record, and shall have and keep on file a memorandum of understanding or agreement or other memorialization of the arrangement for maintaining and populating a database comprised of stored ALPR data collected by multiple law enforcement agencies. Any agency

provided with access to or use of the ALPR data collected by another agency shall comply with all applicable provisions of these Guidelines concerning stored ALPR data and disclosure of personal identifying information.

13. RELEASE OF ALPR DATA TO NON-LAW ENFORCEMENT PERSONS OR AGENCIES

Stored ALPR data shall be treated as "criminal investigatory records" within the meaning of N.J.S.A. 47:1A-1 *et seq.*, and shall not be shared with or provided to any person, entity, or government agency, other than a law enforcement agency, unless such disclosure is authorized by a subpoena or court order, or unless such disclosure is required by the Rules of Court governing discovery in criminal matters. Any agency receiving a subpoena or court order for the disclosure of ALPR data shall, before complying with the subpoena or court order, provide notice to the County Prosecutor, or to the Division of Criminal Justice in the case of any state-level law enforcement agency.

14. PROMULGATION AND ENFORCEMENT OF DEPARTMENTAL POLICIES

14.1 Required Contents of Departmental Policies

Pursuant to the requirements of Attorney General Law Enforcement Directive 2010-5, every law enforcement agency that possesses or uses an ALPR must promulgate and enforce a rule, regulation, standing operating procedure, directive, or order that establishes a comprehensive policy governing the operation of ALPRs, and governing access to, use, and retention of all stored ALPR data. The ALPR policy promulgated by the department must be consistent with the standards and procedural safeguards established in these Guidelines, and each ALPR policy must include the following provisions:

a. The ALPR policy shall provide that the chief of the department will designate one or more superior officers to oversee and administer the agency's ALPR program. These designated supervisors will be authorized to: provide or oversee the training of all officers and civilian employees who are authorized to operate an ALPR or to access or use ALPR stored data; review and approve requests to access and use stored ALPR data to conduct crime trend analysis and/or to access personal identifying information based upon crime trend analysis; and generally to ensure compliance with the department's ALPR policy and these Guidelines.

b. The ALPR policy shall provide that the chief of the department shall designate all

authorized users, and that no officer or civilian employee will be authorized to operate an ALPR, or to access or use ALPR stored data, unless the officer or civilian employee has received training by the department on the proper operation of these devices, and on the provisions of the department's ALPR policy and these Guidelines.

c. The ALPR policy shall implement and enforce the five-years retention period for ALPR stored data established in Section 9 of these Guidelines, and must provide for the purging of all ALPR stored data at the expiration of the five-year term.

d. The ALPR policy shall provide for the documentation of all ALPR-related activities and decisions that are required to be documented by Section 5 or any other provision of these Guidelines, which may be done by an automated record-keeping system, and shall provide that such records documenting the use of ALPRs and ALPR stored data shall be maintained for 5 years and shall be kept in a place and in a manner as to facilitate a review and audit of the department's ALPR program by the County Prosecutor or by the Attorney General or his or her designee.

e. The ALPR policy shall provide that any sworn officer or civilian employee of the agency who knowingly violates the agency's policy, or these Guidelines, shall be subject to discipline.

f. The ALPR policy shall provide that all significant violations of the agency's policy, or of these Guidelines, including but not limited to all instances involving the unauthorized access or use of ALPR stored data, must be reported to the County Prosecutor, or to the Director of the Division of Criminal Justice in cases involving a state-level agency, upon discovery of the violation. Unless the County Prosecutor or Director elects to conduct or oversee the investigation of the violation, such notification of the violation shall be followed up with a report, approved by the chief of the department, explaining to the County Prosecutor, or to the Director, the circumstances of the violation, and the steps that are being taken to prevent future similar violations.

14.2 Notice of ALPR Policies and Revisions Provided to County Prosecutors or the Division of Criminal Justice

The chief of the department shall provide a copy of the agency's written ALPR policy to the County Prosecutor, or to the Division of Criminal Justice in the case of a state-level agency, at or before the time of promulgation, and shall provide to the County Prosecutor, or to the Division, copies of any amendments or revisions to the agency's ALPR policy at or before the time that such amendments take effect.

15. ALPR PROGRAM ACCOUNTABILITY

15.1 ALPR Program Audits

All ALPR records documenting the use of an ALPR, or access to or use of ALPR stored data, whether kept manually or by means of an automated record-keeping system, shall be subject to review and audit by the County Prosecutor, or by the Attorney General or his or her designee.

15.2 Handling of Complaints

Any complaints about a department's ALPR program made by any citizen or entity shall be forwarded to the appropriate County Prosecutor, or to the Director of the Division of Criminal Justice in the case of a State-level agency, for appropriate review and handling. The County Prosecutor, or Director, may conduct an investigation, or may direct the agency that is the subject of the complaint to conduct an investigation and to report back to the County Prosecutor or Director.

16. SANCTIONS FOR NON-COMPLIANCE

If the Attorney General or his or her designee has reason to believe that a law enforcement agency or officer or civilian employee is not complying with or adequately enforcing the provisions of these Guidelines, the Attorney General may temporarily or permanently suspend or revoke the authority of the department, or any officer or civilian employee, to operate an ALPR, or to gain access to or use ALPR stored data. The Attorney General or her designee may initiate disciplinary proceedings, and may take such other actions as the Attorney General in his or her sole discretion deems appropriate to ensure compliance with these Guidelines.

17. AUTHORITY OF ATTORNEY GENERAL TO GRANT EXEMPTIONS OR SPECIAL USE AUTHORIZATIONS

ALPRs, and all ALPR stored data, shall only be used and accessed for the purposes and in the manner authorized by these Guidelines. In recognition of the need to be able to address issues or circumstances that are not contemplated by these Guidelines, the Attorney General or his or her designee may grant an exemption from any provision of these Guidelines, and may authorize the specific use of an ALPR, or the data collected by or derived from an ALPR, that is not expressly authorized by these Guidelines. Any request by a department to use an ALPR or ALPR-generated data for a purpose or in a manner not authorized by these Guidelines shall be made to the Attorney

General or his or her designee through the Director of the Division of Criminal Justice or his or her designee, who shall make recommendations on whether to grant the agency's specific request for an exemption or special authorization. Such requests shall be made in writing unless the circumstances are exigent, in which event the request by the agency and approval or denial by the Attorney General or his or her designee may be given orally, in which event the circumstances of the request and the approval or denial shall be memorialized in writing as soon thereafter as is practicable.

COMFORT SYSTEMS USA
BCM Controls Corporation
30 Commerce Way, Woburn, Massachusetts 01801
Phone: 781-933-8878 Fax: 781-932-3856

BCM CONTROLS FAC64 PRICING

Date:	2/14/2019
Reference:	MSP/Neology LPR
Project Name:	Everett LPR Project

BCM Controls is pleased to propose the Material/Labor as referenced in the Scope of Work:

Quantity	Manufacturer	Model / Description	% Off	List Price	Unit Price	Total Price
[redacted]	Neology	Neology P500 2.5K Sensor 740nm	10%	[redacted]		32,580.00
	Neology	Neology P52X Cables	10%			2,227.68
	Neology	Neology T-Box 2-48V	5%			3,895.00
	Neology	Neology Universal Brackets	5%			3,230.00
	Ubiquiti	Wireless RP Radio w/Sector Antenna	8%			1,058.00
	Sierra	MP70 Cell Router	1%			944.32
		Miscellaneous Installation Materials				
		Total Materials				**43,935.00**
		Subcontract:				
Hours		**Description**			**Unit Price**	**Total Cost**
		Non Prevailing Wage				
		Sr. Project Manager				
		Project Manager				
		Programmer / Software Technician				
		Design Engineer				
		Construction or Service Engineer				
		Prevailing Wage				
		Installation Foreman (Electrician)			149.90	
		Technician (Telecom Tech)			123.21	
		Installer (Electrician)			149.90	
		Total Labor				**0.00**
		Total Project				**$43,935.00**

AutoVu Flexreader

Server-based automatic license plate recognition solution

Transform video surveillance cameras into powerful ALPR units



Whether you're looking to support investigations, unlock new insights into your operations or streamline processes, automatic license plate recognition (ALPR) provides valuable data on vehicle and visitor behavior. Gaining access to this information has traditionally required you to buy dedicated devices, which provided more capabilities than some applications need. AutoVu™ Flexreader™ is a new server-based ALPR solution that provides a cost-effective option for automatically identifying and tracking vehicles that access your premises, using IP video cameras supported by Security Center.

Optimized for applications with vehicles moving up to 30 MPH (50km/h), AutoVu Flexreader provides accessible ALPR within the unified Genetec™ Security Center platform. This ALPR module allows you to take advantage of a broad range of data-mining tools and graphical reports to gain meaningful operational insight from license plate data.

Why choose AutoVu Flexreader:

Fits in any budget
Use existing infrastructure, or leverage affordable security cameras, and finally add ALPR to your system with a cost-effective solution.

Flexible
Choose the right camera for your needs. This new solution works with suitable IP video cameras supported by Security Center.

Fully-featured
Don't compromise. Get access to a complete set of graphic ALPR reports and list management features offered by Security Center AutoVu.

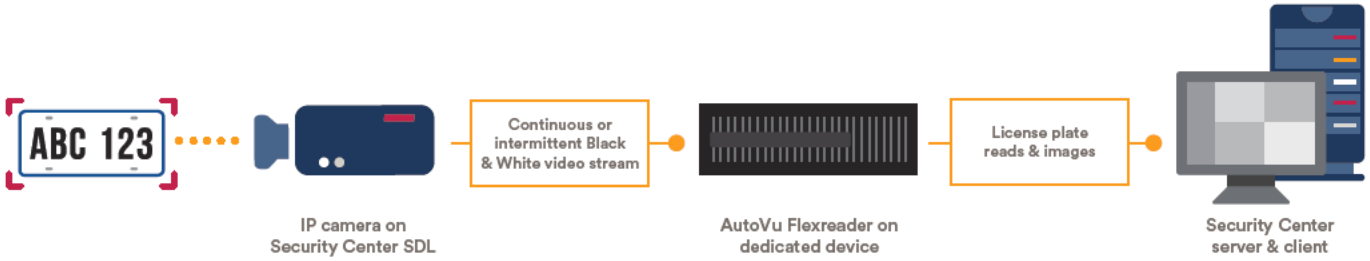
Applications

Proactive security – Identify potential threats as soon as they enter your facilities. With the extensive list of management features provided by AutoVu, every vehicle is automatically identified and classified. Unknown or suspect vehicles can then trigger specific alarms and activate video surveillance recording, helping you react immediately.

Forensic investigations – Resolve incidents faster. Provide your investigators with detailed vehicle audit trails, including license plate number, date, time, coordinates, vehicle brand, and license plate origin. Included advanced reports, such as multi-zone correlation searches, allows you to identify vehicles detected at multiple sites or lots.

Automated vehicle processes – Enhance your employees' and visitors' experience. Open vehicle gates and garage doors as soon as authorized vehicles arrive, or instantly notify staff of the arrival of suppliers and visiting VIPs.

Operational improvement – Unlock new insights in the behavior of vehicles and visitors accessing your facilities using the data collected. Easily track travel time between locations, recurring visitors, length of stay, peak hours, and more.



Genetec Inc.
genetec.com/locations
info@genetec.com
@genetec

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AUTFLXRD_PS#EN

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
POST OFFICE BOX 7068
WEST TRENTON, NJ 08628-0068
(609) 882-2000

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

December 18, 2018

Kerry A. Gilpin
Colonel
Massachusetts State Police
1201 Reisterstown Road
Pikesville, MD 21208

Dear Colonel Gilpin:

During our meeting this past July, we heard a presentation on the regional Automated License Plate Reader (ALPR) initiative underway between the New York City Police Department (NYPD), the Northern New Jersey Urban Area Security Initiative (NNJUASI), and New Jersey State Police (NJSP). You will recall that I provided you with a copy of the Memorandum of Understanding (MOU) between the above parties that set out the criminal investigative goals, privacy protections, and means of access involved in this interstate initiative. My hope was that you would review this MOU and consider the benefits of your agency's participation.

In New Jersey, we have seen numerous successes from regional ALPR sharing. It has significantly enhanced our ability to investigate and prosecute those responsible for criminal activity occurring in the greater New York City metropolitan area.

On Monday, January 28, and Tuesday, January 29, 2019, the NJSP, NYPD, and NNJUASI, facilitated by the Rutgers University Center on Policing, will host a Regional Trafficking Summit. This two-day summit will gather 12 state police superintendents, 12 major city chiefs, and numerous federal agencies with responsibilities along the I-95 corridor between Richmond, VA, Washington, DC, and Boston, MA, to discuss the feasibility and productivity of linking and sharing ALPR data. Establishing this linkage across the northeast region of the United States would immeasurably increase our effectiveness in addressing issues of counterterrorism, drug trafficking, weapons trafficking, Amber and Silver Alerts, plus other threats to the public safety of our respective states.

This summit will be held in two locations:

On January 28, attendees will arrive at the Hyatt Regency on the Hudson, 2 Exchange Place, Jersey City, New Jersey. Each state police agency is encouraged to bring its state fusion center director and chief

technology officer. A block of rooms has been set aside for the summit; however, attendees are requested to make reservations as soon as possible at 201-469-1234 to secure a room.

Please click here to register and RSVP for the Regional Trafficking Summit by January 7th, 2019. All questions should be posed to former Colonel Rick Fuentes, NJSP, who currently works with the Rutgers University Center on Policing and the NNJUASI to advance statewide and regional information-sharing programs. He can be reached by email at rrixmail@comcast.net and by phone at (201)554-5514.

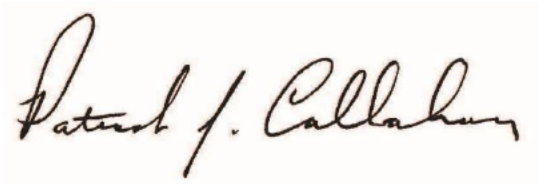
An afternoon meeting will commence at 1:30 p.m. involving presentations from participant cities and states discussing the merits and successes of sharing ALPR data. Following the afternoon session, a sponsored dinner will be provided.

On the morning of January 29, attendees will embark on NJSP and NYPD marine vessels for transport across the Hudson River, disembark at the Cove Marina in New York City, and proceed to a meeting location within walking distance chosen by the NYPD.

The NYPD will host a morning discussion focusing upon their much-heralded Domain Awareness System (DAS), a technology platform effectively supporting the comprehensive public safety needs of the NYPD. They will demonstrate how law enforcement agencies along the I-95 corridor can access the ALPR data. This discussion will consider privacy and auditing protections, observance of individual state and city ALPR retention policies, and access permissions. The NYPD meeting will close with a sponsored lunch and a return trip by boat to the hotel, at which time the summit will conclude.

Thank you for attending this summit and for your participation in this groundbreaking information-sharing initiative to collect and access ALPR data across the northeastern United States.

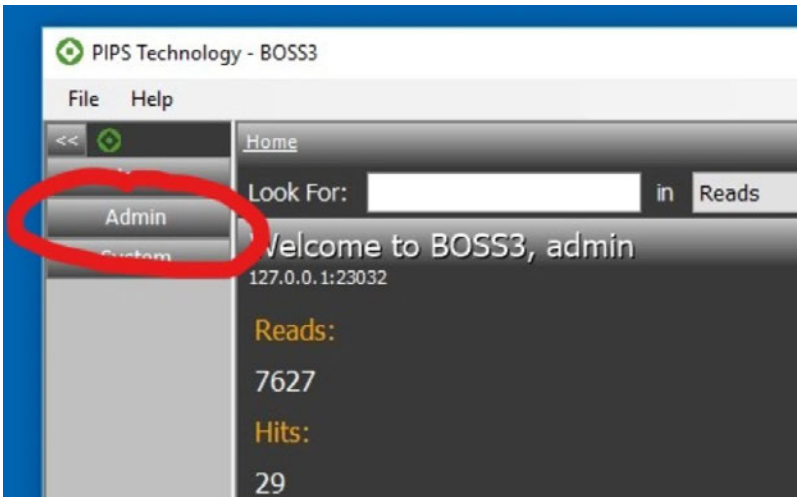
Sincerely,



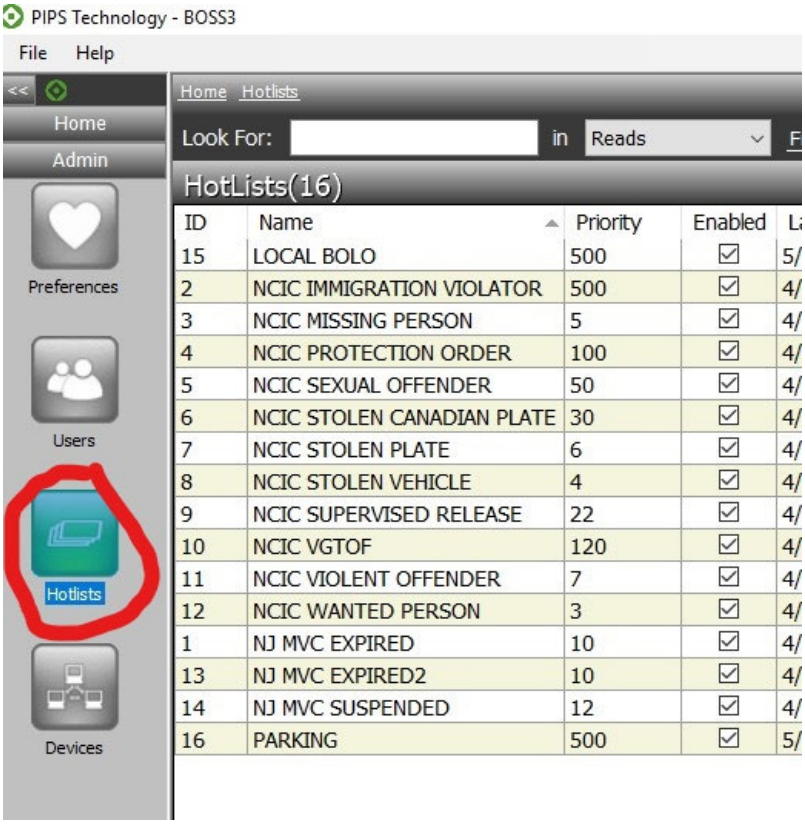
Patrick J. Callahan
Colonel

HOW TO CREATE A CUSTOM HOTLIST

SELECT "ADMIN"

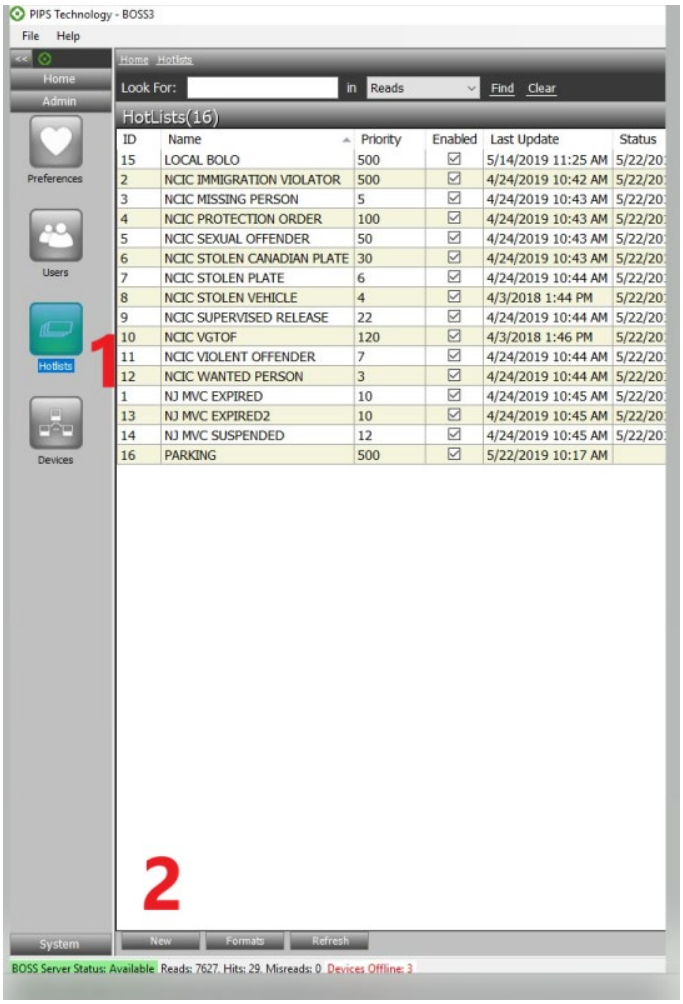


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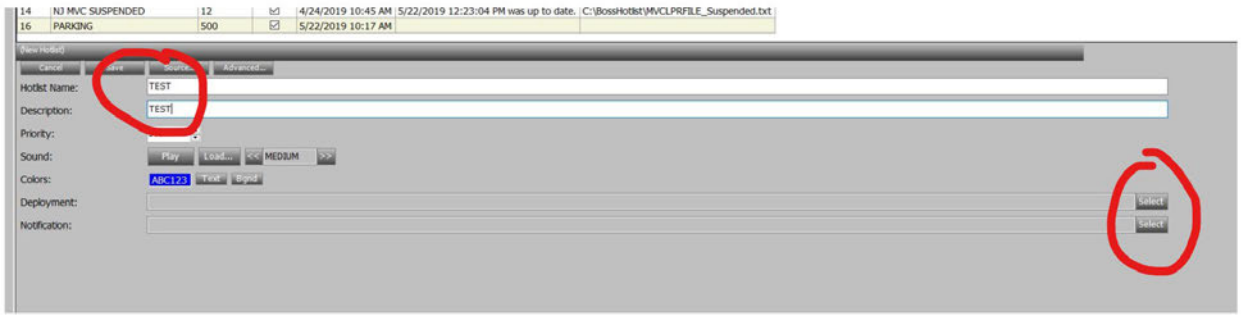


ID	Name	Priority	Enabled	La
15	LOCAL BOLO	500	☑	5/
2	NCIC IMMIGRATION VIOLATOR	500	☑	4/
3	NCIC MISSING PERSON	5	☑	4/
4	NCIC PROTECTION ORDER	100	☑	4/
5	NCIC SEXUAL OFFENDER	50	☑	4/
6	NCIC STOLEN CANADIAN PLATE	30	☑	4/
7	NCIC STOLEN PLATE	6	☑	4/
8	NCIC STOLEN VEHICLE	4	☑	4/
9	NCIC SUPERVISED RELEASE	22	☑	4/
10	NCIC VGTOF	120	☑	4/
11	NCIC VIOLENT OFFENDER	7	☑	4/
12	NCIC WANTED PERSON	3	☑	4/
1	NJ MVC EXPIRED	10	☑	4/
13	NJ MVC EXPIRED2	10	☑	4/
14	NJ MVC SUSPENDED	12	☑	4/
16	PARKING	500	☑	5/

SELECT "NEW"

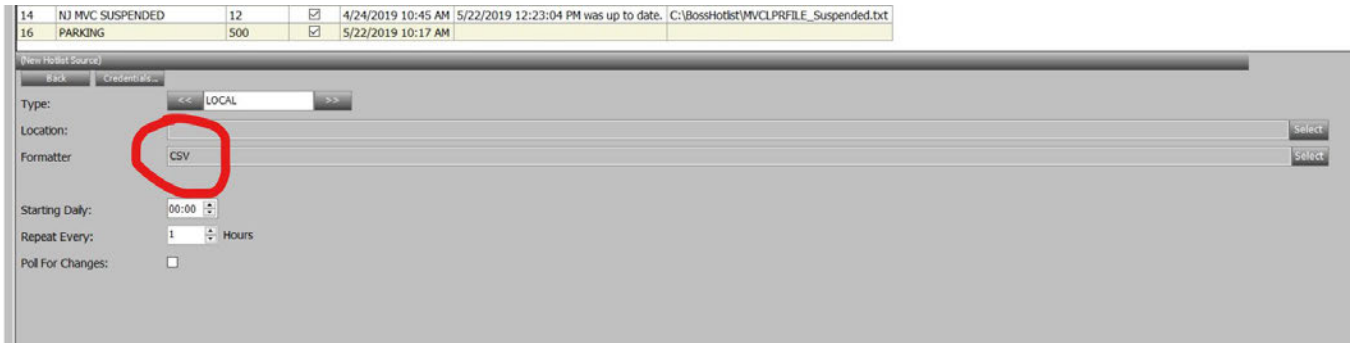


ENTER A HOTLIST NAME

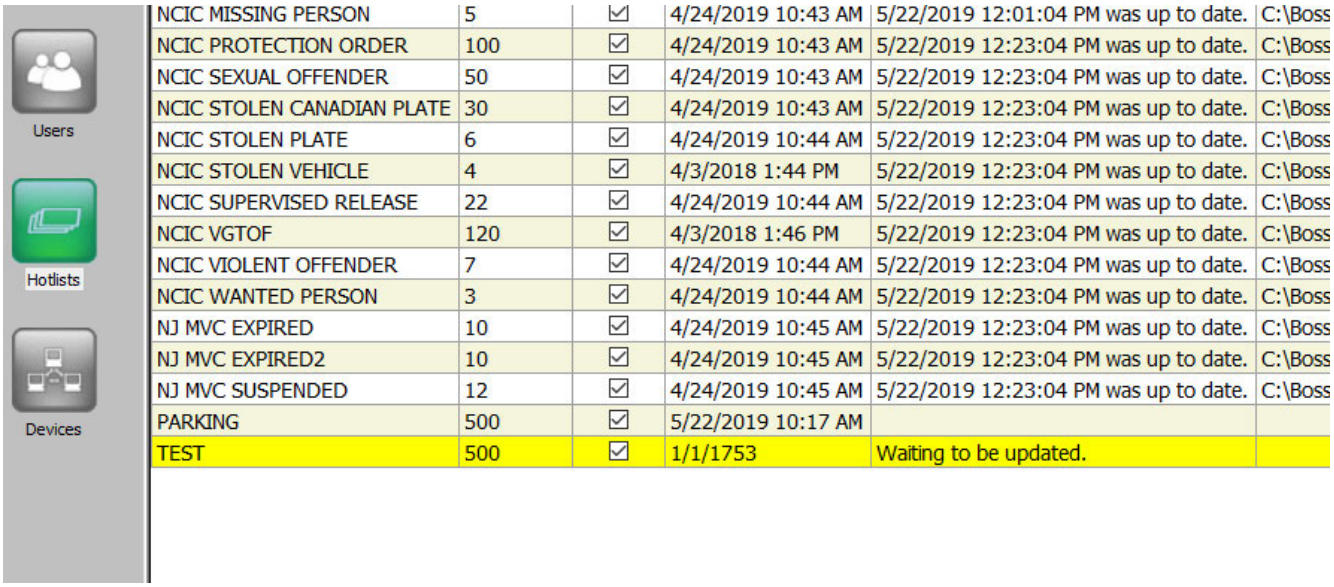


SELECT THE "SOURCE" TAB AND SELECT CSV FOR FORMATER.

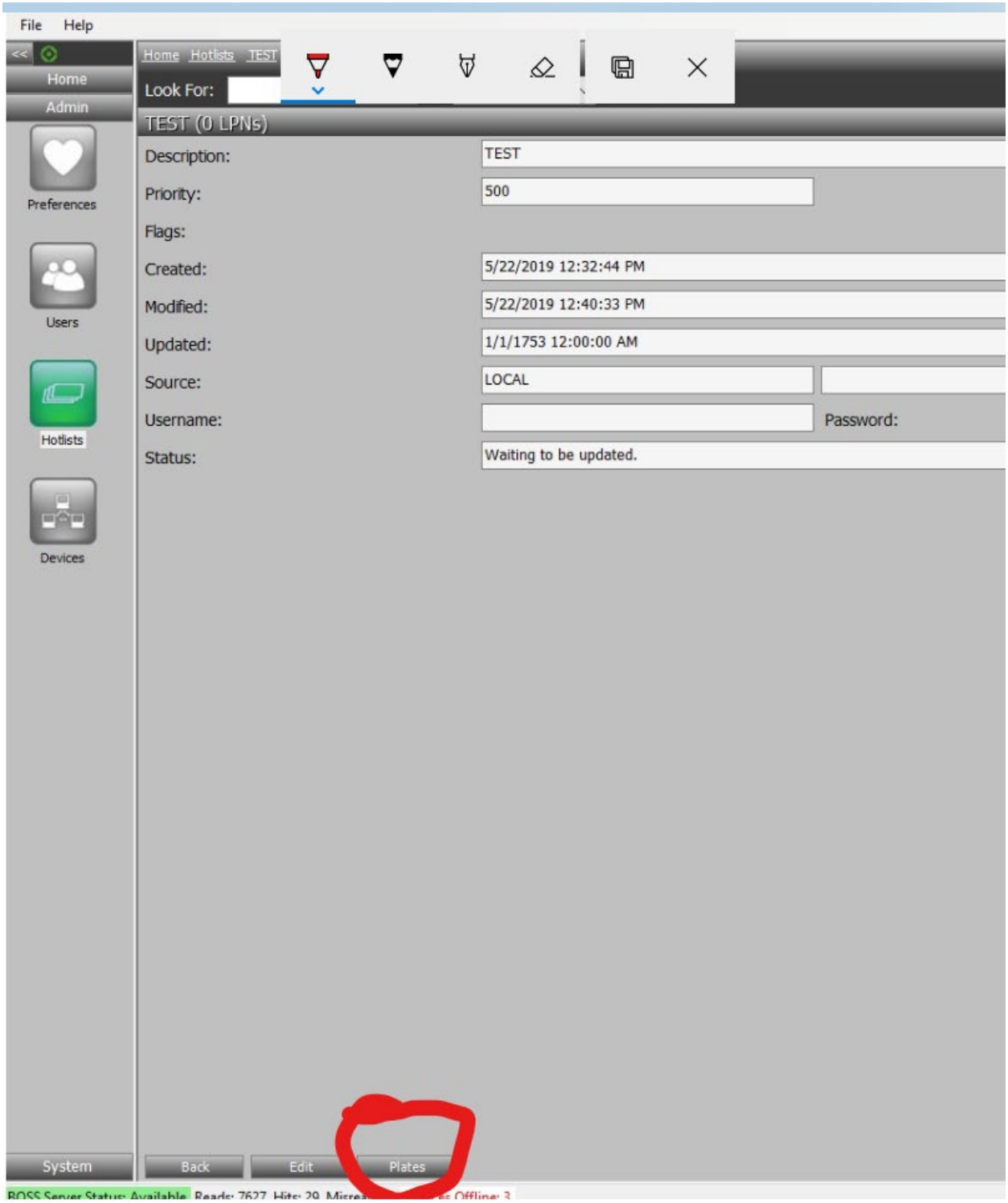
ENSURE TYPE IS SET TO "LOCAL". LEAVE POLL FOR CHANGES UNCHECKED



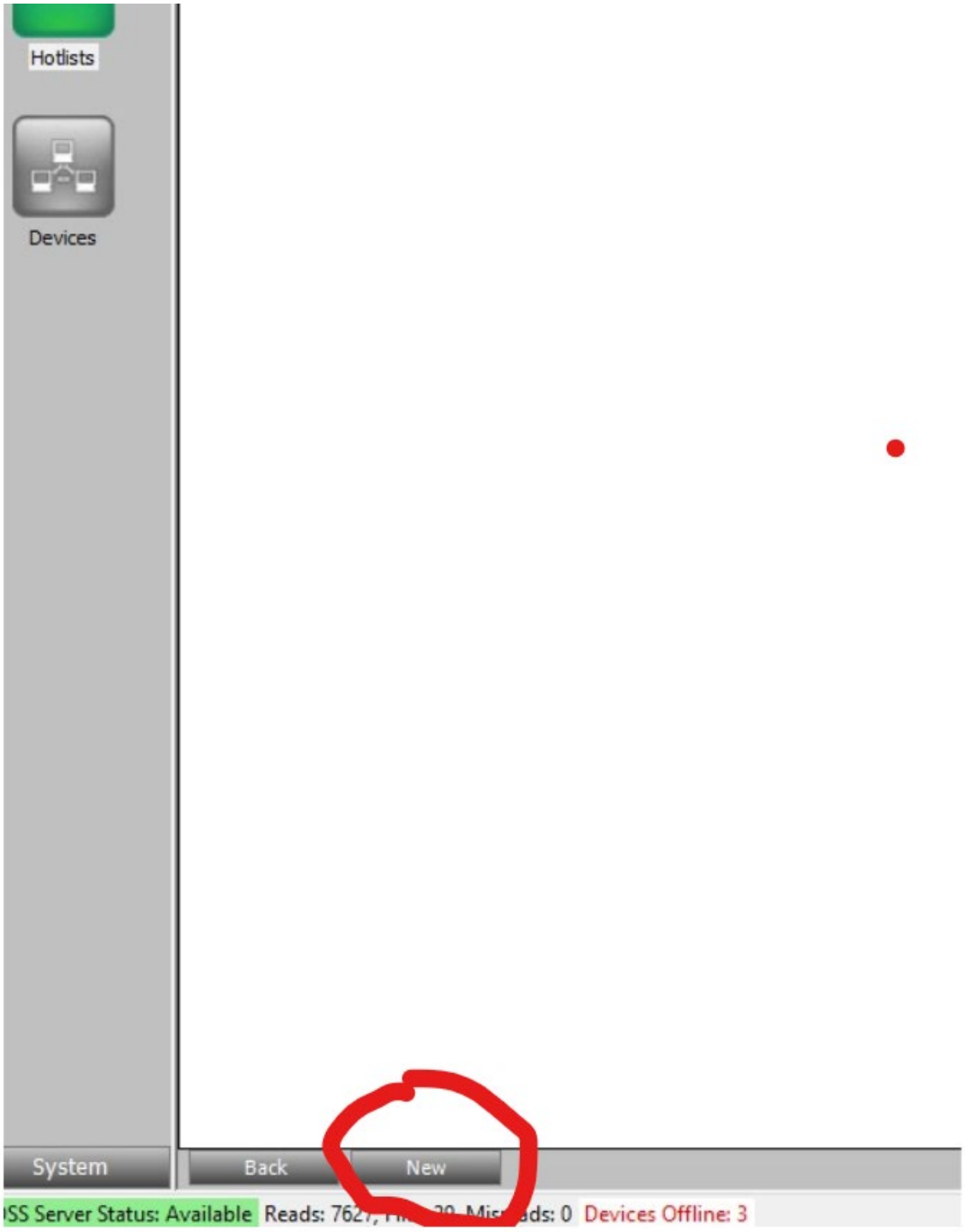
CHECK FOR NEW HOTLIST NAME



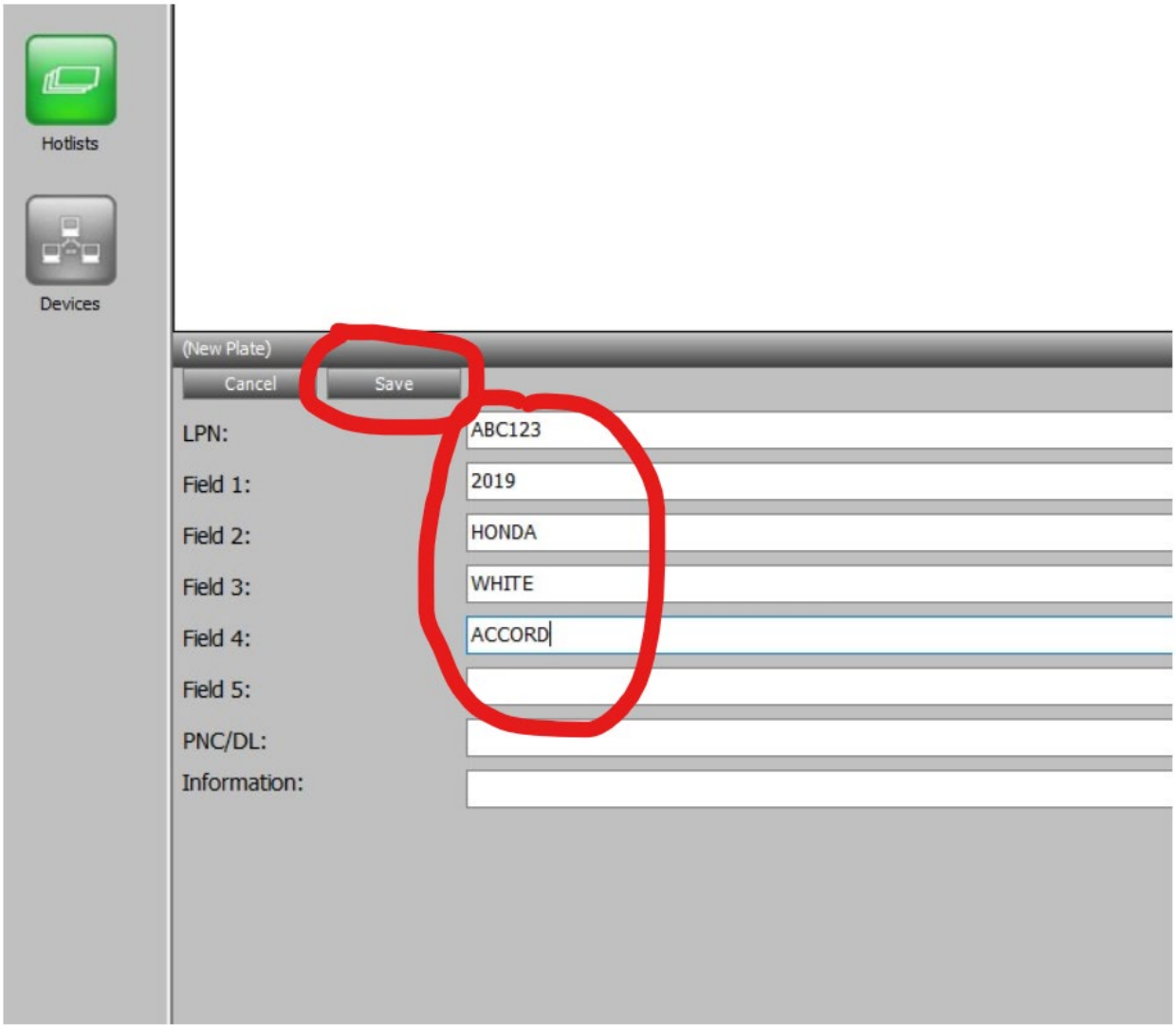
SELECT HOTLIST AND CLICK ON "PLATES" TAB

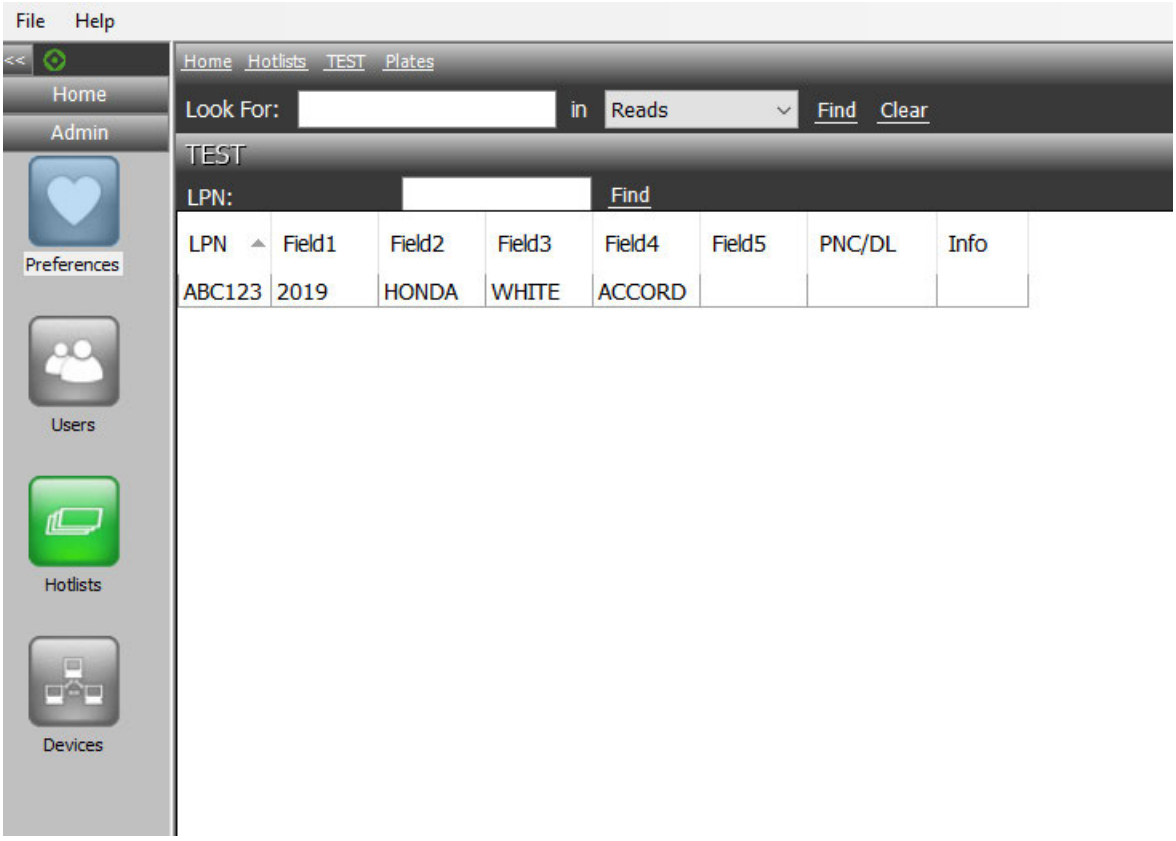


CLICK ON "NEW" TAB



ENTER LICENSE PLATE DETAILS AND SELECT “SAVE”




File
Help
<<
Home
Admin
Preferences
Users
Hotlists
Devices
Home
Hotlists
TEST
Plates
Look For:
in
Reads
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Clear
TEST
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Field1
Field2
Field3
Field4
Field5
PNC/DL
Info
ABC123
2019
HONDA
WHITE
ACCORD

Homeland Security

HSIN-Intel

(U) HSIN-Intel Priority Products/Threat Topics: March 2019

Author: I&A Partner Engagement
Source: Homeland Security Information Network – Intelligence (HSIN-Intel)

(U) Products. The following is a sample of the most commonly accessed products:

- ❑ (U//FOUO) OSIR: Potential for Heightened Threat Environment Against Law Enforcement During Call to Action from 12-18 May 2019 (I&A; 22 Mar 2019)
- ❑ (U//LES) State of the Animal Rights and Environmental Extremist Movements (I&A, FBI; 13 Mar 2019)
- ❑ (U//FOUO) OSIR: Pro-Islamic State Al-Azm Media Foundation Document, 'The Mobile Bomb', Details TTPs for Lone Wolf Attacks in the Homeland of the Crusaders (I&A; 07 Mar 2019)
- ❑ (U//FOUO) OSIR: A 'Just Terror' Branded Image Identifies Churches As Possible Targets In Response to the Recent New Zealand Attacks (I&A; 25 Mar 2019)
- ❑ (U//FOUO) Unknown Cyber Actors Prepare Phishing E-mails for Use Against Agencies of a US State Government (I&A; 08 Mar 2019)
- ❑ (U//SSI) Dutch Police Cite Terrorist Motive in Utrecht, Netherlands Tram Attack (TSA; 22 Mar 2019)
- ❑ (U//FOUO) Cyber Criminals Moving toward “Living off the Land” Technique, Increasing Exploitation of Computer Systems (FBI; 01 Mar 2019)
- ❑ (U//FOUO) Small-Scale, Independent Health Food and Nutritional Supplement Stores Selling Concentrated Hydrogen Peroxide Are an Attractive Option for Criminals and Extremists Seeking Explosive Precursor Chemicals (FBI; 04 Mar 2019)
- ❑ (U//FOUO) Russian-Linked Influence Group Stoking Divisions in the West (I&A; 11 Mar 2019)
- ❑ (U//FOUO) OSIR: Christchurch Shooter Posted Message to Anonymous Bulletin Board Prior to the New Zealand Mosque Attack on 15 March 2019 (I&A; 20 Mar 2019)
- ❑ (U//FOUO) OSIR: Pro-Al-Qaeda Al-Falah Magazine Released Fourth Issue (I&A; 08 Mar 2019)
- ❑ (U//FOUO) Trend Analysis: Terrorist Attacks in the West, July–December 2018 (I&A; 08 Mar 2019)
- ❑ (U//LES) Illicit Currency: Chinese Facilitators Sending Counterfeit Coins to the United States (CBP; 06 Mar 2019)
- ❑ (U//SSI) Nation-State Cyber Actors Steal Credential for US Railroad Company (TSA; 04 Mar 2019)
- ❑ (U//FOUO) OSIR: White Supremacist Extremist Incites Violence in the United States and Europe in Reaction to Christchurch, New Zealand Shooting on 15 March 2019 (I&A; 15 Mar 2019)
- ❑ (U//FOUO) Pro-ISIS How to Guides Show Lone Wolves Beltway Snipers' Techniques (CPIC; 08 Mar 2019)

Homeland Security

HSIN-Intel

(U) HSIN-Intel Priority Products/Threat Topics: March 2019

(U) Other Notable Products. Additional products made available via HSIN-Intel:

- ❑ (U//FOUO) Handgun Modified to be Fully Automatic Identified in the District (NTIC; 01 Mar 2019)
- ❑ (U//FOUO) Contactless Skimmers on Automated Fuel Dispenser (Interpol; 05 Mar 2019)
- ❑ (U//FOUO) Pro-ISIS Group Publishes Recipes for Poisons, Explosives; Encourages Attacks on US Targets (LA JRIC; 06 Mar 2019)
- ❑ (U//FOUO) Cyber Criminals Exploit Cardless ATM Feature of Mobile Banking Applications (FBI; 06 Mar 2019)
- ❑ (U//FOUO) Mexican Drug Trafficker Smuggling Liquid Methamphetamine into U.S. in Tequila Bottles (FBI; 08 Mar 2019)
- ❑ (U//LES) Veterinary Sedative Emerging in Drug Market (NYSIC; 08 Mar 2019)
- ❑ (U//LES) Yemeni Techniques to Conceal Activities Associated with Illegal Trafficking of Cigarettes and Drugs (FBI; 08 Mar 2019)
- ❑ (U//FOUO) Update Threat of Terrorism to Commercial Aviation in Canada (ITAC; 12 Mar 2019)
- ❑ (U//LES) Anarchist Extremists Likely to Decrease Usage of Black Bloc Tactic in Favor of "Gray Bloc" (DVIC; 13 Mar 2019)
- ❑ (U//LES) Increasing MDMA Seizures Indicate European Production and Higher Potency (CBP; 13 Mar 2019)
- ❑ (U//FOUO) Violent Criminal Organizations and Gangs Likely Obtain Home-Assembled Firearms to Avoid LE Detection (FBI; 14 Mar 2019)
- ❑ (U//LES) Monkey Dust Methylenedioxypyrrolidinohexanophenone (MDPHP) (DEA; 14 Mar 2019)
- ❑ (U//LES) FY 2018 Rollup: State of the Northern Land Border (CBP; 15 Mar 2019)
- ❑ (U//LES) GHB and GBL: More Drugs to Rave About (CBP; 19 Mar 2019)
- ❑ (U//LES) Hijacking and Theft of Public Transit Vehicles Poses Potential Security Risk (NYPD; 20 Mar 2019)
- ❑ (U//LES) Tactics Used by Drug Trafficking Organization Possibly Linked to the Sinaloa Cartel (SIAC; 20 Mar 2019)
- ❑ (U//LES) Illegal Logging a Lucrative Business for Criminal Organizations (CBP; 22 Mar 2019)
- ❑ (U//LES) Glock Conversion Devices from China (ATF; 22 Mar 2019)
- ❑ (U//FOUO) Improperly Secured ALPR Devices Create Risk of Unauthorized Access, Data Theft, and Cyber-Espionage (NTIC; 22 Mar 2019)
- ❑ (U//LES) 2019 Human Trafficking Threat Assessment (TX JCIC; 27 Mar 2019)
- ❑ (U//LES) Use of Hidden Compartments for Unlawful Entry of Contraband, Narcotics, Cell Phones Inside State Correctional Facility (PR SSIC; 27 Mar 2019)
- ❑ (U//FOUO) ISIS, al-Qa'ida Statements Condemning New Zealand Attacks Include Calls for Retaliation (I&A, FBI, NCTC; 27 Mar 2019)
- ❑ (U//FOUO) New Information Reveals Russian Government Cyber Actors Likely Conducted Research and Reconnaissance Seeking Vulnerabilities in All US States' Election Infrastructure in 2016 (I&A, FBI; 27 Mar 2019)
- ❑ (U//FOUO) ISIS and Supporters Maintain Cyber Capabilities; Lack Advanced Technical Skillset (LA JRIC; 28 Mar 2019)
- ❑ (U//LES) Use of Mobile Applications to Facilitate Criminal Activity, Potential to Circumvent Law Enforcement Detection (29 Mar 2019)

Model Policy

	Effective Date **August 2010**	*Number*
Subject **License Plate Readers**		
Reference		*Special Instructions*
Distribution	*Reevaluation Date* **August 2011**	*No. Pages* **3**

I. PURPOSE

The purpose of this policy is to provide officers with guidelines on the proper use of license plate recognition (LPR) systems, also commonly known as license plate reader systems.

II. POLICY

The availability and use of LPR systems have provided many opportunities for the enhancement of productivity, effectiveness, and officer safety. It is the policy of this agency that all members abide by the guidelines set forth herein when using LPR systems.

III. ACRONYMS AND DEFINITIONS

FOUO: For Official Use Only

LPR: License Plate Recognition/License Plate Reader

OCR: Optical Character Recognition

Read: Digital images of license plates and vehicles and associated metadata (e.g., date, time, and geographic coordinates associated with the vehicle image capture) that are captured by the LPR system.

Alert: A visual and/or auditory notice that is triggered when the LPR system receives a potential "hit" on a license plate.

Hit: A read matched to a plate that has previously been registered on an agency's "hot list" of vehicle plates related to stolen vehicles, wanted vehicles, or other factors supporting investigation, or which has been manually registered by a user for further investigation.

Hot list: License plate numbers of stolen cars, vehicles owned by persons of interest, and vehicles associated with AMBER Alerts that are regularly added to "hot lists" circulated among law enforcement agencies. Hot list information can come from a variety of sources, including stolen vehicle information from the National Insurance Crime Bureau and the National Crime Information Center (NCIC), as well as national AMBER Alerts and Department of Homeland Security watch lists. Departments of motor vehicles can provide lists of expired registration tags, and law enforcement agencies can interface their own, locally compiled hot lists to the LPR system. These lists serve an officer safety function as well as an investigatory purpose. In addition to agency supported hot lists, users may also manually add license plate numbers to hot lists in order to be alerted if and when a vehicle license plate of interest is "read" by the LPR system.

Fixed LPR system: LPR cameras that are permanently affixed to a structure, such as a pole, a traffic barrier, or a bridge.

Mobile LPR system: LPR cameras that are affixed, either permanently (hardwired) or temporarily (e.g., magnet-mounted), to a law enforcement vehicle for mobile deployment.

Portable LPR system: LPR cameras that are transportable and can be moved and deployed in a variety of venues as needed, such as a traffic barrel or speed radar sign.

IV. PROCEDURES

A. General

1. The use of LPR systems is restricted to public safety–related missions of this agency.
2. LPR systems and associated equipment and databases are authorized for official public safety purposes. Misuse of this equipment and associated databases, or data, may be subject to sanctions and/or disciplinary actions.
3. LPR systems and LPR data and associated

media are the property of this agency and intended for use in conducting official business with limited exceptions noted elsewhere in this policy.

B. Administration
   1. The agency shall designate an employee(s) with administrative oversight for LPR system deployment and operations who is (are) responsible for the following:
      a. Establishing protocols for access, collection, storage, and retention of LPR data and associated media files
      b. Establishing protocols to preserve and document LPR reads and "alerts" or "hits" that are acted on in the field or associated with investigations or prosecutions
      c. Establishing protocols to establish and ensure the security and integrity of data captured, stored, and/or retained by the LPR system
      d. Ensuring the proper selection of the personnel approved to operate the LPR system and maintaining an adequate number of trainees;
      e. Maintaining records identifying approved LPR deployments and documenting their results, including appropriate documentation of significant incidents and arrests that are related to LPR usage
      f. Authorizing any requests for LPR systems use or data access according to the policies and guidelines of this agency
   2. Designated, trained personnel shall check equipment on a regular basis to ensure functionality and camera alignment. Any equipment that falls outside expected functionality shall be removed from service until deficiencies have been corrected.
   3. LPR systems repairs, hardware or software, shall be made by agency authorized sources.

C. License Plate Reader System Usage
   1. LPR operation and access to LPR collected data shall be for official agency purposes only.
   2. Only officers who have been properly trained in the use and operational protocols of the LPR systems shall be permitted to use it.
   3. At the start of each shift users must ensure that the LPR system has been updated with the most current hot lists available.
   4. LPR Alerts/Hits: Prior to initiation of the stop:
      a. Visually verify that the vehicle plate number matches the plate number run by the LPR system, including both alphanumeric characters of the license plate and the state of issuance.
      b. Verify the current status of the plate through dispatch or MDT query when circumstances allow.
   5. In each case in which an alert or a hit is triggered, the user should record the disposition of the alert and the hit into the LPR system
   6. Hot lists may be updated manually if the user enters a specific plate into the LPR system and wants to be alerted when that plate is located. Whenever a plate is manually entered into the LPR system, the officer should document the reason.
   7. Special Details: LPR use during nontraditional deployments (e.g., special operations or during a criminal investigation) must be approved by the administrator.
   8. Searches of historical data within the LPR system should be done in accordance with established departmental policies and procedures.

D. LPR Data Sharing and Dissemination
   LPR data should be considered FOUO and can be shared for legitimate law enforcement purposes:
   1. When LPR data are disseminated outside the agency, it should be documented in a secondary dissemination log.
   2. Information sharing among agencies should be dictated in accordance with MOUs (memoranda of understanding) or established departmental policies.

E. Retention
   Please refer to the *License Plate Reader Concepts and Issues Paper* for a discussion on retention.

Acknowledgment

This *Model Policy* was developed by the International Association of Chiefs of Police (IACP) Law Enforcement Information Management (LEIM) Section, in cooperation with the IACP National Law Enforcement Policy Center. Additional support was provided by the LPR Model Policy Working Group, to whom we are deeply appreciative for sharing their agency policies and expertise.

Every effort has been made by the IACP National Law Enforcement Policy Center staff and advisory board to ensure that this model policy incorporates the most current information and contemporary professional judgment on this issue. However, law enforcement administrators should be cautioned that no "model" policy can meet all the needs of any given law enforcement agency. Each law enforcement agency operates in a unique environment of federal court rulings, state laws, local ordinances, regulations, judicial and administrative decisions and collective bargaining agreements that must be considered. In addition, the formulation of specific agency policies must take into account local political and community perspectives and customs, prerogatives and demands; often divergent law enforcement strategies and philosophies; and the impact of varied agency resource capabilities among other factors.

This project was supported by Grant No. 2006-DG-BX-K004 awarded by the Bureau of Justice Assistance, Office of Justice Programs, U.S. Department of Justice. The Assistant Attorney General, Office of Justice Programs, coordinates the activities of the following program offices and bureaus: the Bureau of Justice Assistance, the Bureau of Justice Statistics, National Institute of Justice, Office of Juvenile Justice and Delinquency Prevention, and the Office of Victims of Crime. Points of view or opinions in this document are those of the author and do not represent the official position or policies of the United States Department of Justice or the IACP.

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OpenALPR



The Automatic License Plate Recognition Software For the 21st Century



3330

License Plate
CT7675 Virginia

Vehicle Color
Silver-Gray

Vehicle Make
Toyota

Vehicle Make-Model
Toyota Prius

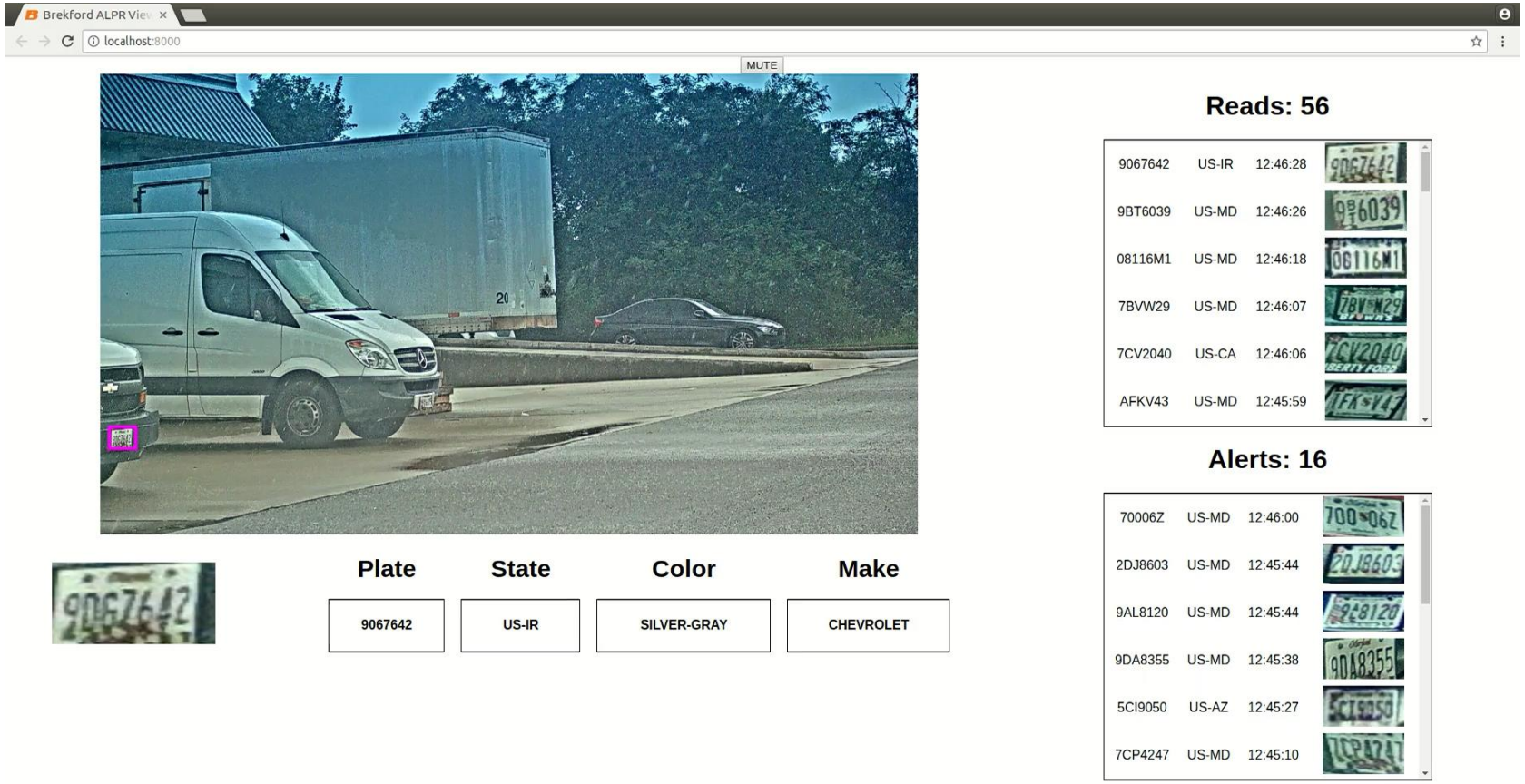
Vehicle Type
Sedan-Compact

Vehicle Orientation

Vehicle Year
2010-2014

Total Processing Time:
1.176 s

OpenALPR in Action - Finder Demonstration:[3331]



OpenALPR in Action - Highway Identification:



OpenALPR – Why it matters to you

- 99.02% accuracy identifying vehicle license plates, make, model, color and direction
- Artificial Intelligence based vs. Optical Character Recognition allows OpenALPR to identify vehicles, not generate inaccurate data
- Integrates into your existing IP camera network and software

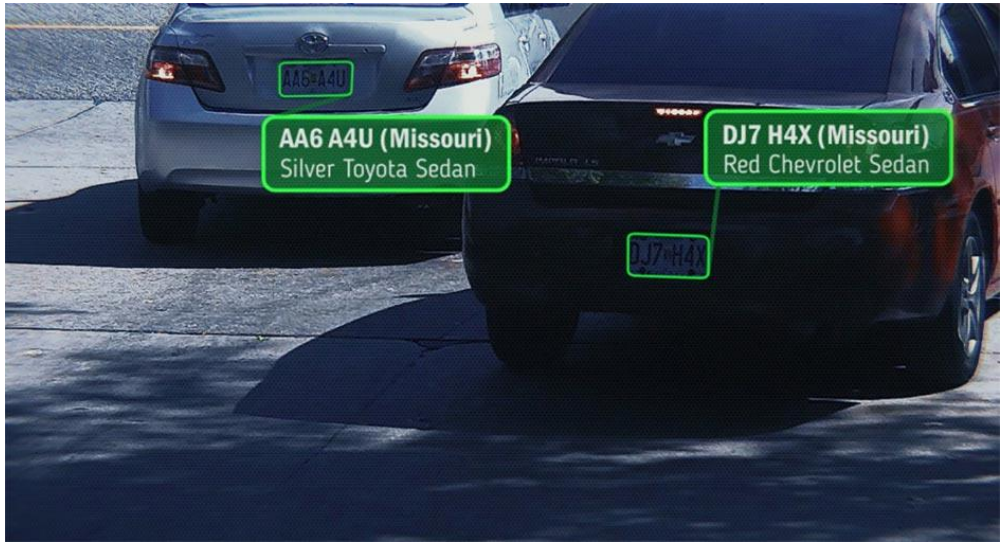
Capabilities

- Rapidly track vehicle activity entering, exiting, or passing near premises
- Accurately identify vehicles belonging to VIP's, cleared employees & vendors, or known troublemakers
- Automate ticketless parking lots, garages & warehouses
- Embassy / HVT Monitoring of suspicious activity

Available Products

- ## On-Premises Agent with available SDK

  This solution includes web server, self-managed database, and access to a powerful, cross–platform API.



- ## Cloud Stream

  The software installs on your local PC to recognize license plates and the results are displayed on a web portal which can be accessed from anywhere.

- ## Cloud API

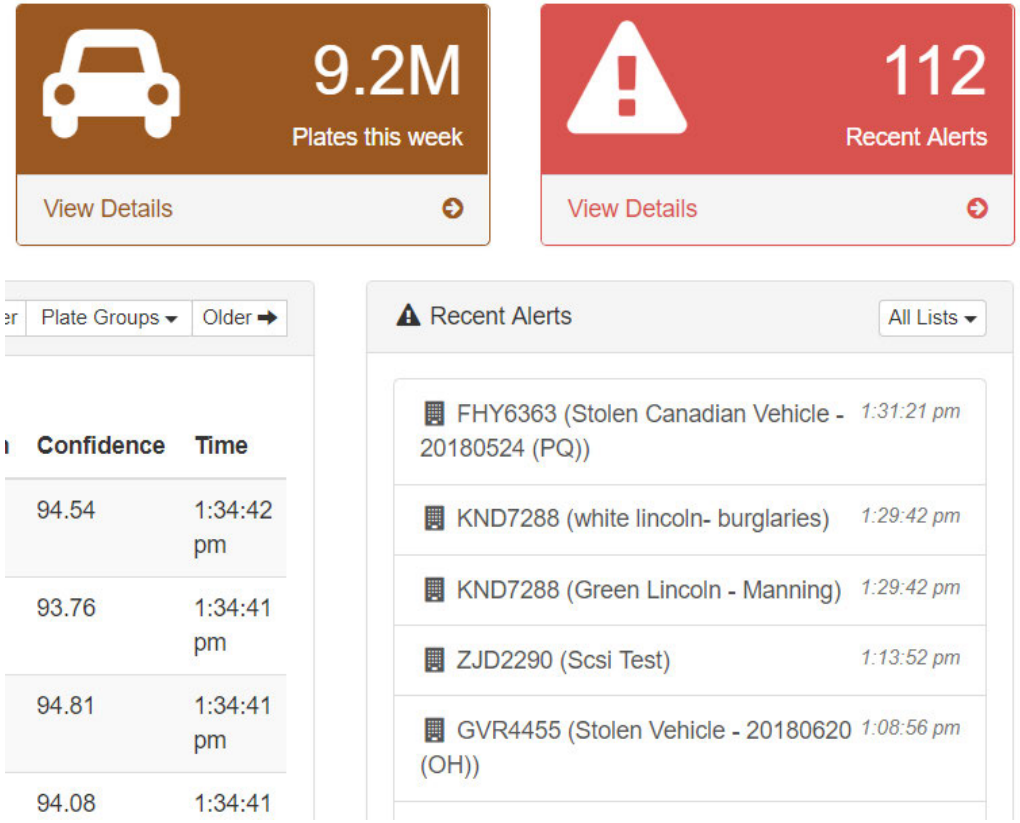
  A web service running in the cloud that analyzes images of vehicles individually or by batch, and responds with license plate data, as well as vehicle color, make, model, and body type.

- ## Forensic Plate Finder

  The Forensic Plate Finder runs on Windows and analyzes video files and still images. The license plate information is written to a file where the data can be searched, sorted, and filtered using Excel.

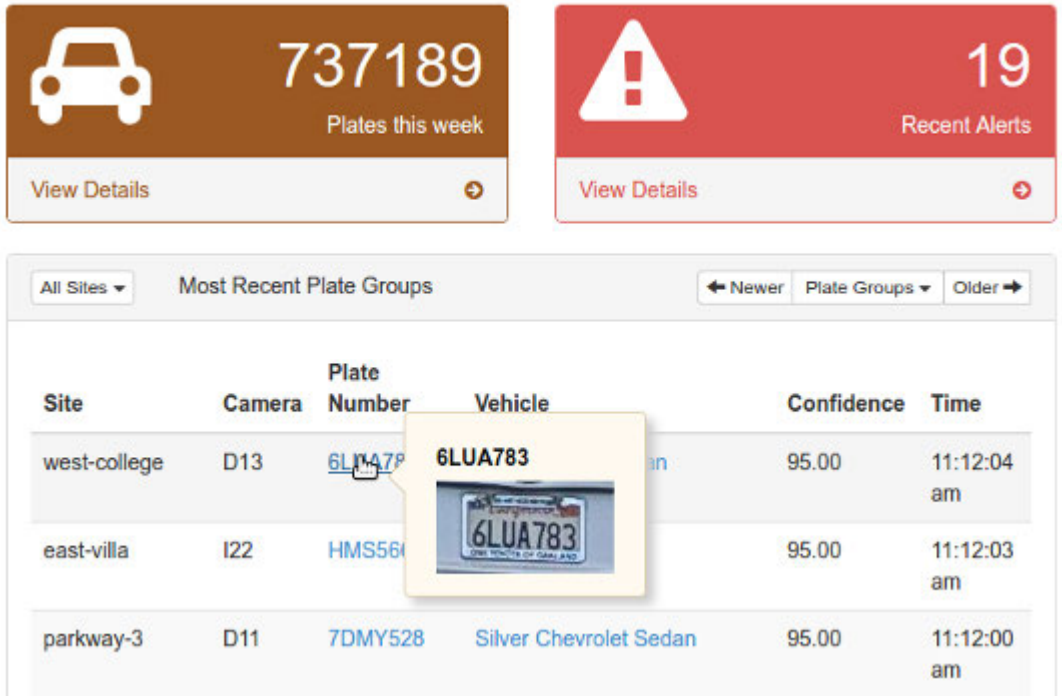
Features & Benefits

- Works with any IP Camera supporting H.264 and MJPEG
- Most recent benchmark of 99.02%
- Uses Deep learning for extremely accurate results.
- Provides other vehicle variables: Color, Make/Model, Direction of travel
- Blacklist/whitelist capability for alerts and action response



Scalable Architecture

- Metadata is uploaded to ***YOUR*** central OpenALPR Web Server, or the OpenALPR Cloud, for nearly real time results
- Browsing, configuration, and alerts are centralized for all remote capture points
- Can be integrated into your own applications with SDK

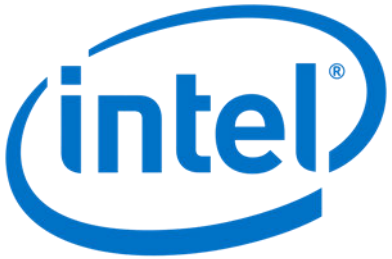


High Speed Processing

- Utilizes NVIDIA hardware for high-speed, real-time License Plate Recognition.
  - Supports mobile cameras up to 3840x2160 resolution
  - Captures vehicles moving in excess of 160 miles per hour



- Parallel processing on CPU
  - Supports fixed cameras up to 1920x1200
  - Captures vehicles moving up to 100 miles per hour



Worldwide Support – additional countries being added and/or easily added when needed

- USA
- Europe
- Canada
- Brazil
- Japan
- China
- Australia
- Mexico
- UAE
- Indonesia
- Saudi Arabia
- India
- South Korea
- Thailand
- Argentina
- New Zealand
- Great Britain
- South Africa



openALPR

Easy to Integrate

- Simple API for embedding in applications
- Software runs natively on Linux, Windows Mac OS X, Android, and iOS
- APIs in C++, C, C#, VB.Net, Java, Python, REST and Node.js programming languages
- Calibration utility to correct cameras positioned at sharp angles
- Real-time performance on low-power hardware with 33 frames per second LPR analysis on 5th generation core i5 system

Featured Customers

Large-scale deployment for City of Monterrey, Mexico. Added surveillance for 1,000 existing cameras for law enforcement

Definitive ROI – reduces time for forensic investigations by 33-50%.

"We downloaded OpenALPR software and immediately were getting 20% better accuracy across both lanes. Our old vendor told us the only way to get better accuracy was to add more cameras."

-John, An industrial chemical company in the Midwest

"OpenALPR has become the new standard LPR technology for our department. It offers the best results and value allowing us to triple our deployments"

— Lt. Brian Hess, Westchester NY PD

Cal State Fullerton

Allegheny County, PA

Tullverke
Sweden Customs

MONTERREY
MÉXICO
LA CIUDAD DE LAS MONTAÑAS

Monterrey, Mexico

Mobile, AL Police Dept.

Bureau of ATF

- Next Steps?

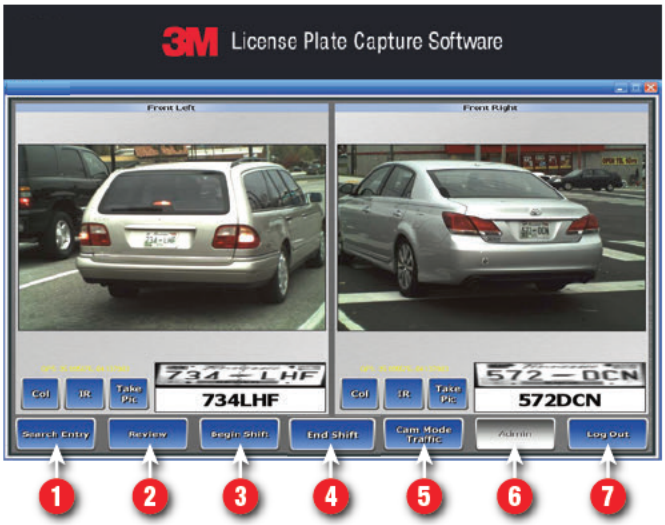
License Plate Capture Software

Quick Reference Guide



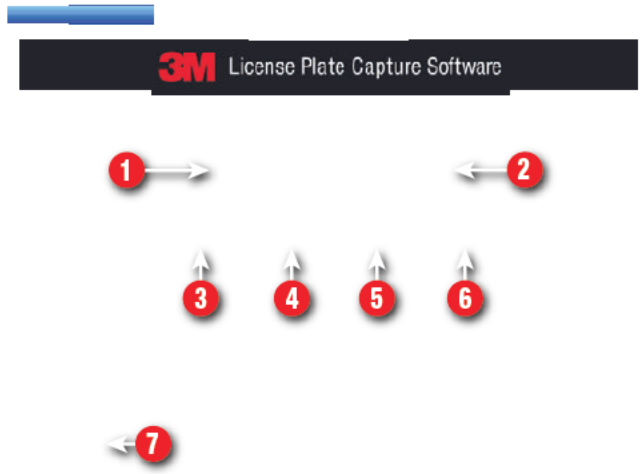
Logging On

1. Insert USB Memory Stick, or for wireless users ensure a valid wireless connection.
2. Enter badge number and password.
3. Enter Location (optional).
4. Press **Login**.
5. **3M License Plate Capture Software** will begin.
6. Double click **Begin Shift** button quickly to synchronize databases. You will see a download status box if this is done correctly.



Main Screen Button Selection

1. **Search Entry** – Search for prior reads, manually check for a plate in the database or manually enter a plate in the database.
2. **Review** – View summary statistics. Review reads, hits, audits, and reported misreads. Also purge all data and review databases.
3. **Begin Shift** – Start shift and synchronize data.
4. **End Shift** – End shift and synchronize data.
5. **Cam Mode** – Toggles between camera modes (i.e. Parking, Traffic).
6. **Admin** – Access administrative functions.
7. **Log Out** – Log off system.



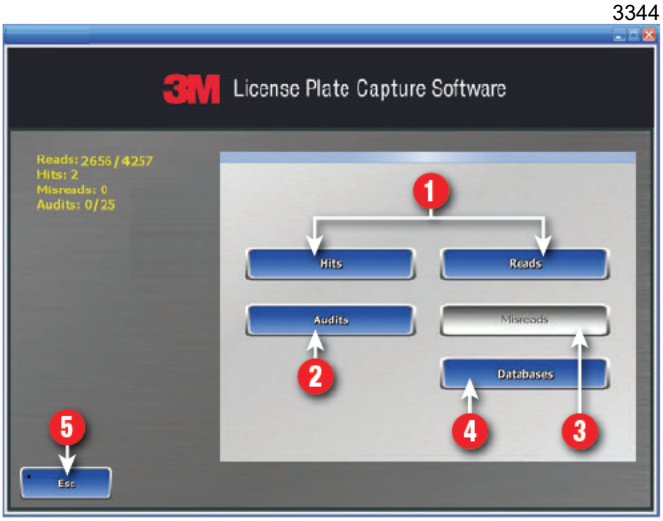
Search Entry

1. **Search Box** – Enter text or numbers for search.
2. **Key Pad** – Hit to activate on-screen keypad.
3. **Clear** – Clears search box.
4. **DL#** – Search driver's license number database.
5. **Reads** – search data stored in the system prior to download to the 3M Back Office System Software.
6. **VLP** – Search a license plate against all the databases used in the system.
7. **ESC** – Returns to prior screen.

Note: "*" may be used as a wildcard for partial plate searches.

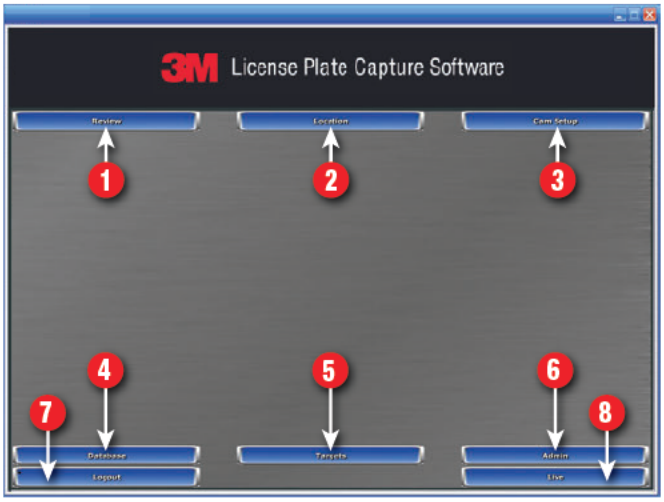
Review

1. **Hits/Reads** – Review hits and reads.
2. **Audits** – View system audit report.
3. **Misreads** – Review reported misreads.
4. **Databases** – View and enable/disable databases.
5. **ESC** – Return to prior screen.



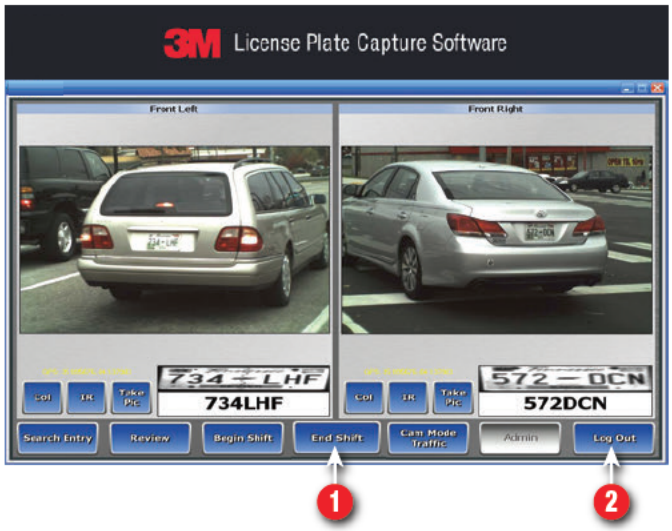
Admin

1. **Review** – Navigates to Review menu discussed above.
2. **Location** – View current location (GPS).
3. **Cam Setup** – Review camera setting for both IR and Color.
4. **Database** – View and enable/disable databases.
5. **Targets** – A Wanted List of Offenders if used by the Agency.
6. **Admin** – Advanced administrative system settings.
7. **Logout** – Allows the current user to logoff the application.
8. **Live** – Returns to the Live Capture view.



End of Shift/Log Out

1. Double click **End Shift** (quickly) to synchronize data (wireless users will need to ensure a valid wireless connection).
2. Press **Log Out** to log off system. (Wireless users are complete at this point.)
3. Remove USB thumbdrive from the Mobile Data Computer (laptop).
4. Follow administrator's guidelines for synchronizing memory stick data into the 3M Back Office System Software.



MEMORANDUM OF UNDERSTANDING

USE OF THE COMMONWEALTH OF MASSACHUSETTS CRIMINAL HISTORY SYSTEMS BOARD (CHSB) – CRIMINAL JUSTICE INFORMATION SYSTEMS (CJIS) NETWORK TO ACCESS NATIONAL CRIME INFORMATION CENTER (NCIC) STOLEN VEHICLE FILE and MASSACHUSETTS REGISTRY of MOTOR VEHICLE SUSPENSION AND REVOCATION FILE FOR USE WITH LICENSE PLATE READERS.

Once executed by all parties, this MOU must remain on file with the Host and User.

This Memorandum of Understanding (MOU) is entered into this _____day of_____, 200_____by and between Massachusetts Criminal History Systems Board, a criminal justice agency, hereafter referred to as the **Host,** and _____, a criminal justice agency hereafter referred to as the **User**.

This MOU entered into between the Host and the User, is intended to define the terms, conditions, and mutual responsibilities of the parties hereto, for the purpose of enabling the User to access a stolen vehicle file daily that the Host has retrieved from the National Crime Information Center (NCIC) as well as a Massachusetts suspension and revocation file that the Host receives weekly from the Massachusetts Registry of Motor Vehicles. This MOU incorporates by reference, and operates in conjunction with the standard Massachusetts Criminal Justice Information System (CJIS) User Agreement which includes agreement by the User to adhere to National Crime Information Center (NCIC) Policy, including the NCIC Security Policy. It is the User's responsibility to ensure that its CJIS User Agreement with the CHSB is current and on file at the CHSB – CJIS Support Unit and with their Agency Head.

The User and Host agree:

a. To be bound by the conditions of this MOU and to notify each other in the event that any of the conditions stated in this Agreement change in the future;
b. To execute an MOU annually as long as the Host/User relationship continues;
c. To develop and maintain a written agreement that includes a procedural statement that clearly identifies the responsibilities of each agency;
d. That a violation of this MOU shall be considered a violation of the CJIS User Agreement.

The Host hereby agrees to:

a. Retrieve the stolen vehicle file from NCIC daily at 0300 hours via a automatic retrieval script;

b. Name the daily file lpr.zip;
c. The previous days lpr.zip file will be kept as a backup in case it needs to be utilized if there is a problem with the daily file between NCIC and the Massachusetts CJIS;
d. Retrieve the Massachusetts suspension and revocation file from the Massachusetts Registry of Motor Vehicles every Tuesday at approximately 0300 hours via an automatic retrieval script.
e. Name the weekly file rmvlpr.zip
f. The previous weeks rmvlpr file will be kept as a backup in case it needs to be utilized if there is a problem with the weekly file between the Massachusetts Registry of Motor Vehicles and the Massachusetts CJIS
g. Place the lpr.zip and rmvlpr.zip files in a agreeable directory on a agreeable FTP server housed within the Massachusetts CJIS Datacenter;
h. Allow the User access to the agreed upon directory via the FTP protocol with an agreed upon username and password.

The User agrees:

a. Retrieve the stolen vehicle file (lpr.zip) from the FTP host between 0600 and 0800 hours daily;
b. Retrieve the Massachusetts suspension and revocation file (rmvlpr.zip) from the FTP host between 0800 and 1000 every Tuesday.
c. Confirm through the Massachusetts CJIS and the NCIC system prior to taking any action against a stolen, suspended, and/or revoked vehicle that is listed within the lpr.zip file and/or rmvlpr.zip file;
d. To notify the Massachusetts CJIS of pending termination immediately, as provided in the final paragraph of this MOU;
e. All devices that retrieve and access the lpr.zip and rmvlpr.zip files must have active and current anti-virus protection;
f. All devices that retrieve and access the lpr.zip and rmvlpr.zip files must meet the current NCIC Security Policy;
g. Calls for service must be placed to the Massachusetts CJIS by the User;
h. Provide the Massachusetts CJIS with the static IP address assigned to device that will access and utilize the lpr.zip and rmvlpr.zip file.
i. Dissemination of the lpr.zip file and rmvlpr.zip file is limited to agencies and devices approved by the Massachusetts CJIS.

The User hereby acknowledges understanding of, and shall advise all its employees and user agency personnel, of the penalties relating to illegal actions with regard to criminal justice information, and the CJIS User Agreement.

Either the Host or the User may, upon thirty days notice to the other party in writing, cancel this MOU in its entirety. Upon determination that the User has violated any law, rule, or regulation concerning criminal justice information or violated the terms of this MOU, the Host reserves the right to terminate this MOU with or without notice. The Massachusetts CJIS may terminate this MOU at any time and without notice.

In witness thereof, the above-named parties have signed this document in full agreement on this _____day of_____, 200___.

USER:_____ **HOST:**_____

*By:_____ *By:_____

Title:_____ Title:_____

Date:_____ Date:_____

Attest:_____ Attest:_____

***Signature of person who is legally authorized to sign for the agency.**

Bureau of Justice Assistance
U.S. Department of Justice

License Plate Reader

Policy Development Template



For Use in **Intelligence and Investigative Activities**

February 2017

Where to Locate This Resource

This resource is available online at www.it.ojp.gov/privacy and at www.ncirc.gov. To request printed copies, send requests to information@ncirc.gov.

To Request a Word Version of the Template

To request a Word version, send requests to information@ncirc.gov.

This project was supported by Grant Number 2013-D6-BX-K001, awarded by the Bureau of Justice Assistance, in collaboration with the U.S. Department of Homeland Security. The Bureau of Justice Assistance is a component of the Department of Justice's Office of Justice Programs, which also includes the Bureau of Justice Statistics, the National Institute of Justice, the Office of Juvenile Justice and Delinquency Prevention, the Office for Victims of Crime, and the Office of Sex Offender Sentencing, Monitoring, Apprehending, Registering, and Tracking. Points of view or opinions in this document are those of the author and do not necessarily represent the official position or policies of the U.S. Department of Justice or the U.S. Department of Homeland Security.

License Plate Reader Policy Development Template for Use in Intelligence and Investigative Activities

February 2017

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Introduction

Automatic license plate readers (ALPRs)—also known as license plate readers (LPRs)—use image-processing technology to identify vehicles by their license plates. LPRs automate a process that, in the past, was conducted manually by officers, license plate by license plate, with much officer discretion. Using a special form of optical character recognition (OCR), the LPR's algorithms transform pixels of a digital image into the text of a license plate. Since entering the market, LPRs have been employed in many applications, but one of the fastest-growing uses is by justice entities who use LPR technology as an investigative tool to aid them in recovering stolen vehicles, locating possible criminals, assisting in the security of large public venues, and conducting other intelligence and investigative activities. Images are captured by LPRs and translated into letters and numbers and compared to law enforcement databases of registered vehicles, including those known to be or suspected of being involved with crimes or infractions. If a match to possible criminal activity is found, the LPR system provides an alert to the officer that a suspected vehicle is in the immediate area of an LPR.

Through this growing adoption of LPRs, justice entities are reporting increased successes in locating stolen vehicles and identifying suspects. Dale Stockton, Program Manager, Road Runner, Automated Regional Justice Information System, San Diego, shared the following with attendees at a National Institute of Justice conference:

> This is the best tool we've had come along in a very long time. It can really impact crime. It can really impact public safety. . . . And, although it's often used for locating stolen cars, the reality is . . . the value goes far beyond stolen cars, particularly in the area of investigative support. . . . The biggest reason that we want to use LPR in the field, though, is that it truly is a force multiplier. Officers can do their normal job on patrol and the license plate reader functions in the background while the officer pays attention to what's going on around them. . . . One of the more recently realized applications is in support of homeland security because, around this country, we have identified infrastructure that we know is at risk . . . so if we start looking at vehicles frequenting that infrastructure, that can give us greater insight as to where potential risks are.[1]

News stories, like the ones listed below, are increasing, demonstrating the kinds of success justice entities have had in using LPRs:

- "A Look at Plate Readers That Helped Officer Catch Murder Suspect in West Carthage," WWNYTV 7, July 3, 2016.
- "Suspect in a Hit-and-Run Death of 9-Year-Old Girl Located Using Historical and Commercial License Plate Reader Data," PR Newswire, Livermore, California, March 31, 2016.
- "License Plate Readers Used to Find Journalist Killer Also Used in WNY," WIVB News Channel 4, Buffalo, New York, August 27, 2015.
- "Queens Man Pleads Guilty to Manslaughter in Death of Roommate's Friend," Office of Richard A. Brown, District Attorney, Queens County, New York, November 4, 2011.

"This is a great tool for us," said a New York State Trooper in an interview on license plate readers used to locate a suspect in shooting deaths of two journalists. "If it was a suspended plate, an alarm would go off on here saying registration suspected or revoked, and at that point in time I would have to make sure the plate that was read is the correct plate . . . . It is a great tool for law enforcement; it's a great tool for the community."[2]

[1] National Institute of Justice (NIJ) Audio Transcript: Using License Plate Readers to Fight Crime, www.nij.gov.
[2] "License Plate Readers Used to Find Journalist Killer Also Used in WNY," George Richert, News 4 Reporter, WIVB News Channel 4, Buffalo, New York, August 27, 2015, http://wivb.com/2015/08/27/license-plate-readers-found-virginia-suspect/.

Even with the proven efficacy of this technology, justice entities should be alert to risk of erroneous or deficient LPR data:

- "Driver Finds Himself Surrounded by Cops With Guns Out After Automatic License Plate Reader Misreads His Plate," TechDirt, April 28, 2014.
- "License Plate Reader Error Leads to Traffic Stop at Gun Point, Court Case," Ars Technica, May 12, 2014.

Justice entities should therefore put in place appropriate policies and procedures to guard against possible errors and other potential problems. Strong control and oversight are critical considerations in policy development, especially as the civil liberties implications of possible unforeseen derivative uses may be significant. Such efforts will not only enhance mission effectiveness but also safeguard privacy, civil rights, and civil liberties of individuals.

A. License Plate Reader (LPR) Policies

As illustrated by the successes described earlier, justice entities (such as law enforcement or homeland security agencies, fusion centers, and intelligence units) are turning to LPR technology more and more. However, when considering or implementing an LPR program, individual privacy, civil rights, and civil liberties must also be vigorously protected. Establishing and implementing such protections in an entity's LPR policy will help guide the justice entity's LPR information collection, receipt, access, use, dissemination, retention, and purging efforts. Such proactive work supports and enhances the justice entity's ability to both fulfill its mission while also protecting the privacy, civil rights, and civil liberties of community members—strengthening trust and public confidence through effective and responsible use of LPR technology.

When an entity determines to develop and implement an LPR policy, it is important to note that such a policy is not a one-time project; it is one component of an ongoing LPR program that works to protect privacy, civil rights, and civil liberties. As agencies consider establishing and implementing a policy for LPR information, they are encouraged to consider the LPR policy as one in a series of the following steps:

1. Educate and raise awareness on the importance of having privacy, civil rights, and civil liberties protections.
2. Assess agency privacy, civil rights, and civil liberties risks by evaluating the process through which the agency collects, receives, accesses, uses, disseminates, retains, and purges LPR information.
3. **Develop an LPR policy** to articulate the legal framework and policy position on how the agency handles LPR information.
4. Perform a policy evaluation, prior to publishing, to determine whether the policy adequately addresses current standards, privacy protection recommendations, and the law.
5. Implement and train personnel and authorized users on the established rules and procedures.
6. Perform an annual policy review and make appropriate changes in response to implementation experience, guidance from oversight or advisory bodies, applicable law, technology, and public expectations.
7. Audit the processes described in the LPR policy.

A comprehensive LPR policy that is developed in a transparent manner and properly enforced fosters trust—not only within and between justice partners but also by the public, whose LPR information may be collected and utilized. This process thus ensures that justice entities are serving as responsible stewards of LPR information and operating with respect for individual privacy and the law. Without this trust, LPR program initiatives may give rise to additional public scrutiny and civil liability.

To support justice entities in their efforts to implement LPR policies and procedures, the following policy development template was developed by state, local, and federal law enforcement and criminal justice partners and is designed to assist justice entity personnel—whether in a law enforcement or homeland security agency, a fusion center, or an intelligence unit—in developing a comprehensive LPR policy.

Justice entities (law enforcement and homeland security agencies, fusion centers, intelligence units, etc.) utilize different types of information (e.g., criminal history, suspicious activity reports [SARs]) and intelligence (e.g., criminal intelligence information) as part of their intelligence or investigative activities. Each type of information and intelligence is governed by laws, regulations, and policies. LPR information, as collected and maintained in an LPR database, is not considered intelligence, criminal history, or SAR information. As such, the laws, regulations, and policies that apply to those types of information and intelligence may not apply to LPR information until such time as it is downloaded and incorporated into an intelligence or investigative case file. The digital image of license plates is maintained in a separate database from all other types of information and does not include additional information that identifies a particular individual. License plate numbers and date/time location collected through an LPR are not, when taken alone, sufficient to identify the individual associated with the vehicle. Even though the LPR information accessed by the justice entity results from an LPR system's automated collection of license plate numbers, it is the investigative and/or analytic process that associates the stored digital license plate image with an identifiable individual.

For these reasons, this policy template was developed to address the collection, receipt, access, use, dissemination, retention, and purging of LPR information that is not yet part of an intelligence or investigative file. Once LPR information is downloaded by entity personnel and incorporated into an intelligence or investigative file, the LPR information is then considered intelligence or investigative information and the laws, regulations, and policies applicable to that type of information or intelligence govern its use.

The provisions suggested in this template are intended to be incorporated into the entity's general operational policies and day-to-day operations and to provide explicit and detailed privacy, civil rights, and civil liberties protection guidance to entity personnel and other authorized source and participating agencies. This policy template was developed based on the core principles articulated in the Fair Information Practice Principles (refer to Appendix B). Each section is a fundamental component of an overall comprehensive LPR policy that includes vital baseline provisions on legal compliance, governance and oversight, acquiring and receiving, use, sharing and dissemination, information quality, redress, security and maintenance, retention and purging, accountability and enforcement, and training concepts.

B. How to Use This Template

This template is designed with policy concepts grouped into related sections. Each section contains pertinent policy provision questions shown in **bold** type. Sample policy language is shown under each question in regular type.

1. Different Entity LPR Roles

There are generally two different ways (or roles) entities come into contact with LPR information:

- Entities that do not collect LPR information but have access to and query an LPR database.
- Entities that actively collect, receive, access (query), disseminate, retain, and purge LPR information.

The policy provisions contained in this template were designed to be customized for either role. Entities that do not collect, receive, and retain LPR information but only access and query an LPR system will find that some provisions may not apply. However, all of the provisions will most likely apply, in some form, to entities that do collect, receive, and retain LPR information. Notations are provided within each applicable provision to allow for customization according to these entity roles.

2. Referencing Other Policies

Frequently, agencies already have established privacy-related policies and practices contained in broader policy documents (e.g., concept of operations, standard operating procedures, user agreements, and employee handbooks). In accordance with template Sections L, Accountability and Enforcement, and L.1, Transparency, agencies are strongly encouraged to make their LPR policies available to the public, even if the other existing policies are not made available publicly. As such, consolidating various existing LPR policy provisions contained in other documents into one LPR policy is highly recommended. Agencies are cautioned, however, against simply providing a cross-reference to other policies in effect. Cross-referencing, without including the applicable policy language, should be done only if those policies are also available to the public; otherwise, agencies should restate (or excerpt) the applicable language within their LPR policy.

3. Template Modifications—Customizing Your Policy

It is important to note that this policy development template is not intended to be used as is, without modification. Each section represents the foundational components of an effective LPR policy but does not cover all concepts that may be particular to your entity, its unique processes and procedures, or the applicable constitutional provisions, laws, ordinances, or regulations within your state. Further, certain concepts or questions may not be applicable. The template represents a starting point for your entity to establish minimum baseline LPR policy protections. Law enforcement entities are encouraged to complete as many of the template questions as are applicable and to enhance sections to include items such as references to applicable statutes, rules, standards, or policies and to provide additional sections for provisions that are not addressed.

While it is important for entities to review each question and associated guidance contained in the policy template section of this document, a sample LPR policy that incorporates all of the sample policy language contained in the template section is provided in Appendix E for ease of customization.

C. Resource List

Resources that may be of interest include:

- *Acceptable Use Policy for the Regional License Plate Reader System*, Automated Regional Justice Information System (ARJIS), www.arjis.org/RegionalPolicies/ARJIS%20LPR%20AUP%20-%20Approved%20-%20Rev150213.pdf.
- Automated License Plate Reader Frequently Asked Questions, International Association of Chiefs of Police (IACP), www.iacp.org/ALPR-FAQs.
- *Automated License Plate Readers: A Primer*, Violence Reduction Network, www.vrnetwork.org/Documents/License%20Plate%20Readers%20primer.pdf.
- *Automated License Plate Recognition Systems: Policy and Operational Guidance for Law Enforcement*, IACP, www.ncjrs.gov/pdffiles1/nij/grants/239604.pdf.
- *Best Practices Guide for Improving Automated License Plate Reader Effectiveness Through Uniform License Plate Design and Manufacture*, American Association of Motor Vehicle Administrators (AAMVA), www.aamva.org/WorkArea/linkit.aspx?LinkIdentifier=id&ItemID=2911&libID=2897.
- Fair Information Practice Principles, refer to Appendix B.
- *Fusion Center Privacy Policy Development: Privacy, Civil Rights, and Civil Liberties Policy Template*, U.S. Department of Homeland Security (DHS) and the U.S. Department of Justice (DOJ), April 2010, https://it.ojp.gov/documents/d/Fusion_Center_Privacy_Policy_Development_508compliant.pdf.
- *Guidelines to Ensure That the Information Privacy and Other Legal Rights of Americans Are Protected in the Development and Use of the Information Sharing Environment* (ISE Privacy Guidelines), Office of the Program Manager, Information Sharing Environment (ISE), www.ise.gov/sites/default/files/PrivacyGuidelines20061204.pdf.
- *Initial Privacy Impact Assessment for Automated License Plate Reader Technology*, Northern California Regional Intelligence Center (NCRIC), https://northerncaliforniamostwanted.org/html/NCRIC%20ALPR%20PIA.PDF.
- *IACP Technology Policy Framework,* IACP, January 2014, www.theiacp.org/Portals/0/documents/pdfs/IACP%20Technology%20Policy%20Framework%20January%202014%20Final.pdf.
- *License Plate Readers for Law Enforcement: Opportunities and Obstacles*, RAND Corporation, www.rand.org/pubs/research_reports/RR467.html.
- *License Plate Recognition Technology (LPR) Impact Evaluation and Community Assessment*, George Mason University, http://cebcp.org/wp-content/evidence-based-policing/LPR_FINAL.pdf.
- *License Plate Standard,* American Association of Motor Vehicle Administrators, 2016, www.aamva.org/licenseplatestandard_2016/.
- *Mobile License Plate Reader System Standard for Law Enforcement Working Draft,* NIJ Standard-100x.00, National Institute of Justice, Office of Justice Programs (OJP), DOJ, August 21, 2014, www.justnet.org/pdf/Draft_Mobile_License_Plate_Reader_System_Standard_for_Law_Enforcement.pdf.
- *Privacy, Civil Rights, and Civil Liberties Audit Guidance for the State, Local, Tribal, and Territorial Intelligence Component*, Global Justice Information Sharing Initiative, https://it.ojp.gov/GIST/181/Privacy--Civil-Rights--and-Civil-Liberties-Audit-Guidance-for-the-State--Local--Tribal--and-Territorial-Intelligence-Component.
- *Privacy Impact Assessment for the Acquisition and Use of License Plate Reader Data From a Commercial Service*, U.S. Department of Homeland Security, www.dhs.gov/publication/dhs-ice-pia-039-acquisition-and-use-license-plate-reader-data-commercial-service.
- *Privacy Impact Assessment Report for the Utilization of License Plate Readers*, IACP, www.theiacp.org/Portals/0/pdfs/LPR_Privacy_Impact_Assessment.pdf.
- *Recommendations for First Amendment-Protected Events for State and Local Law Enforcement Agencies*, Global Justice Information Sharing Initiative, https://it.ojp.gov/GIST/35/Recommendations-for-First-Amendment-Protected-Events-for-State-and-Local-Law-Enforcement-Agencies.

License Plate Reader (LPR) Policy Development Template for Use in Intelligence and Investigative Activities

A. Purpose Statement

1. What is the purpose of establishing a license plate reader (LPR) policy (i.e., what does the entity hope to accomplish in adopting this policy)? Provide a succinct, comprehensive statement of purpose.

It is the purpose of this policy to provide **[name of entity]** personnel with guidelines and principles for the collection, access, use, dissemination, retention, and purging of LPR information to ensure that the information is used for legitimate law enforcement purposes only and the privacy, civil rights, and civil liberties of individuals are not violated. The Fair Information Practice Principles (FIPPs) form the core of the privacy protection framework for this policy.

This policy assists **[name of entity]** and its personnel in:

- Increasing public safety and improving state, local, tribal, territorial, and national security.
- Minimizing the threat and risk of injury to specific individuals.
- Minimizing the threat and risk of physical injury or financial liability to law enforcement and others responsible for public protection, safety, or health.
- Promoting governmental legitimacy and accountability.
- Minimizing the potential risks to individual privacy, civil rights, civil liberties, and other legally protected interests.
- Protecting the integrity of the criminal investigatory, criminal intelligence, and justice system processes and information.
- Minimizing the threat and risk of damage to real or personal property.
- Increasing trust by maximizing transparency.
- Making the most effective use of public resources allocated to public safety entities.

2. What are the entity's authorized uses for LPR information?

The provisions of this policy are provided to support authorized uses of LPR information. Authorized uses may include the following **[include any of the following purposes or others that apply to the entity]**:

- Enhance **[insert state]**'s AMBER/SILVER or other law enforcement alerts and real-time response capability by deploying and networking LPRs across the state to more rapidly identify and locate vehicles related to potential child-abduction or other serious crimes.
- Alert law enforcement that a particular license plate on a "hot list" (e.g., a stolen vehicle or a vehicle associated with a wanted individual) is in close proximity to an LPR to dramatically reduce the recovery time of stolen vehicles and assist in locating dangerous and wanted individuals.
- Identify plates associated with potential witnesses and/or victims of violent crime.

- Support **[name of entity]**'s homeland security mission by protecting critical infrastructure from individuals who intend to damage or disrupt the systems and locations that allow for travel and the free flow of commerce.
- Identify vehicles linked to stolen license plates or other motor vehicle traffic violations.
- Provide situational awareness for law enforcement related to public safety or otherwise relevant to their authorized duties.
- Support local, state, federal, and tribal public safety departments in the identification of subjects associated with/as targets of criminal investigations.
- Support law enforcement response to critical incident responses and special events.
- Support special operations, such as high-crime-area patrols, gang investigation/suppression, driving under the influence initiatives, enforcement details, directed criminal investigations, and other investigations.

B. Policy Applicability and Legal Compliance

1. What information is subject to the LPR policy?

This policy applies to LPR information collected or received, accessed, used, disseminated, retained, and purged by the **[name of entity]**. It is not intended to apply and does not apply to any other types of information accessed, retained, or used by the **[name of entity]**.

2. Who is subject to the LPR policy? Identify who must comply with the LPR policy; for example, entity personnel, participating agencies, and private contractors.

All **[name of entity]** personnel, participating agency personnel and authorized individuals working in direct support of **[name of entity]** personnel (such as interns), personnel providing information technology services to the **[name of entity]**, private contractors, and other authorized users will comply with the **[name of entity]**'s LPR policy. This policy applies to information the **[name of entity]** collects or receives, accesses, uses, disseminates, retains, and purges.

3. How is the entity's LPR policy made available to personnel, participating entities, and individual users (in print, online, etc.), and are acknowledgment of receipt and agreement to comply with this policy required in writing?

The **[name of entity]** will provide a printed or electronic copy of this LPR policy to all:

- **[name of entity]** and non-**[name of entity]** personnel who provide services.
- Participating agencies.
- Individual authorized users.

The **[name of entity]** will require both a written acknowledgement of receipt of this policy and a written agreement to comply with this policy and the applicable provisions it contains.

4. This entity requires *personnel and participating information-originating and user agencies* to be in compliance with all applicable constitutional and statutory laws. What are the primary laws with which personnel and participating agencies must comply?

Cite the primary laws with which personnel and participating users must comply that protect privacy, civil rights, and civil liberties in the collection, receipt, access, use, dissemination, retention, and purging of LPR information.

This should include any state statute regarding deployed LPR systems by state or local government. It might also include the U.S. Constitution and state constitutions; open records or sunshine laws; information breach notification laws; other laws, regulations, orders, opinions, or policies impacting or protecting privacy, civil rights, or civil liberties; local ordinances; and relevant federal laws, such as the Driver's Privacy Protection Act and regulations. (For synopses of primary federal laws an entity should consider referencing in the LPR policy, refer to Appendix C, Listing of Federal Laws.)

All **[name of entity]** personnel, participating agency personnel and authorized individuals working in direct support of **[name of entity]** personnel (such as interns), personnel providing information technology services to the **[name of entity]**, private contractors, agencies from which **[name of entity]** information originates, and other authorized users will comply with applicable laws and policies concerning privacy, civil rights, and civil liberties, including, but not limited to **[include a specific reference to any relevant state statutes or other binding state or local policy specific to LPR systems, then provide a list of other applicable state and federal privacy, civil rights, and**

civil liberties laws or include a reference to the section or appendix containing a list of applicable laws]. As part of this process, all individuals working with LPR information will complete the applicable training as directed by **[name of entity]**.

C. Governance and Oversight

1. **Who has primary responsibility for the entity's overall operation, including the entity's justice information systems, information collection and retention procedures, coordination of personnel, and enforcement of this policy? Which individual will ultimately be held accountable for any problems or errors?**

   Primary responsibility for the operation of the **[name of entity]**; its justice information systems, operations, and the coordination of personnel; the receiving, seeking, retention, evaluation, information quality, use, purging, sharing, disclosure, or dissemination of information; and the enforcement of this policy is assigned to the **[position/title]** of the **[name of entity]**.

2. **Who is assigned primary responsibility for overseeing and administering the entity's LPR program?**

   The **[name of entity]**'s **[insert title]** will designate an LPR Administrator who will be responsible for the following **[include any of the following responsibilities that apply to the LPR Administrator or other responsibilities]**:

   - Overseeing and administering the LPR program.
   - Ensuring that stored LPR information is automatically purged from the LPR database, unless determined to be of evidentiary value (refer to Section K.1, Information Retention and Purging).
   - Confirming, through random audits, that LPR information is purged in accordance with this policy.
   - Acting as the authorizing official for individual access to LPR information.
   - Ensuring and documenting that all personnel with authorized access to LPR information are trained prior to using the system.
   - Conducting audits to ensure compliance with applicable laws, regulations, standards, and policy.

3. **What is the process for developing, reviewing, and updating the LPR policy?**

   The **[name of entity]** is guided by a **[insert guiding authority, for example, a "designated LPR oversight committee"]** that liaises with the community to ensure that privacy, civil rights, and civil liberties are appropriately protected by this LPR policy and by the **[name of entity]**'s LPR information collection, receipt, access, use, dissemination, retention, and purging processes and procedures.

   Approach 1: The committee will annually review and update the LPR policy in response to changes in law and implementation experience, including the results of audits and inspections, and will solicit input from stakeholders on the development or proposed updates to the LPR policy.

   Approach 2: The committee will annually review and update the LPR policy in response to changes in law and implementation experience, including the results of audits and inspections, and will provide notice to and solicit comment from the public on the development or proposed updates to the LPR policy.

4. **Who is the designated and trained privacy, civil rights, and civil liberties individual or entity who will handle reported errors and violations and oversee the implementation of LPR privacy, civil rights, and civil liberties protections?**

   [Provide the title of the individual or name of the entity. This may be the privacy, civil rights, and civil liberties officer; legal counsel; internal affairs; external entities such as the U.S. Attorney or the Office of Inspector General; or other.]

   The **[insert title of individual or name of entity]** will receive reports regarding alleged errors and violations of the provisions of this LPR policy, will receive and coordinate complaint resolution under the **[name of entity]**'s LPR redress policy, and will ensure that privacy, civil rights, and civil liberties protections are implemented through efforts such as training, business process changes, and system designs that incorporate privacy-enhancing technologies. The **[insert title of individual but not the name or name of entity]** may be contacted at the following address: **[insert mailing address or e-mail address]**.

5. **Who is responsible for ensuring that enforcement procedures and sanctions for noncompliance with the LPR policy are adequate and enforced?**

   The **[name of entity]**'s **[insert title]** will ensure that enforcement procedures and sanctions outlined in **[insert section number of policy (see Section L.3, Enforcement)]** are adequate and enforced.

D. Definitions

1. **What key words or phrases are regularly used in the LPR policy for which the entity wants to specify particular meanings?**

   This may include terms that are not commonly known or have multiple meanings that may need to be clarified to indicate which one applies to the LPR policy. There may be legal definitions for terms in the statutes governing the operation of justice information or LPR systems. For examples of definitions of key terms commonly used throughout this template, refer to Appendix A, Glossary of Terms and Definitions.

   For examples of primary terms and definitions used in this LPR policy, refer to **[insert section or appendix citation]**.

E. Acquiring and Receiving LPR Information

1. **Describe how the entity acquires LPR information. Use the following provisions that apply to the entity. If neither a. nor b. applies because the entity does not directly collect or indirectly acquire LPR information, skip question 1 and move to question 2. For entities that do directly collect and/or indirectly acquire LPR information, answer the applicable question but also answer question 2, since it is understood that the entity would also query such information.**

   a. **If the entity directly collects LPR information through LPR systems (mobile or stationary), list the authorized purpose upon which that collection is based. Note: State law may restrict collecting LPR information from commercial databases.**

      The **[name of entity]**, through its **[insert name of the entity's LPR program]**, will directly collect and retain LPR information that:

      - Is based on a potential threat to public safety or the enforcement of the criminal law, or
      - Is based on reasonable suspicion that an identifiable individual or organization has committed a criminal offense or is involved in or planning criminal (including terrorist) conduct or activity that presents a threat to any individual, the community, or the nation and that the information is relevant to the criminal conduct or activity, or
      - Is relevant to the investigation and prosecution of suspected criminal (including terrorist) incidents; the resulting justice system response; the enforcement of sanctions, orders, or sentences, or
      - Is directly related to an investigation or mission of the law enforcement entity, and
        - The source of the information is reliable and verifiable or limitations on the quality of the information are identified, and
        - The information was collected in a fair and lawful manner (e.g., it does not infringe on the federal or state constitutional rights of any individual, group, or organization).

   b. **Does the entity indirectly acquire LPR information from other law enforcement agencies? If yes, identify the mechanism by which this occurs (e.g., memorandum of understanding [MOU], law, intergovernmental agreement [IGA]).**

      The **[name of entity]** will indirectly acquire LPR information from **[list other law enforcement agency or agencies]** in accordance with **[insert mechanisms, e.g., MOU, law, intergovernmental or interagency agreement]** established between the **[name of entity]** and the law enforcement agency(ies).

2. **For queries of LPR information, list the authorized purpose on which queries are based. Indicate whether the entity queries a law enforcement or commercial database or both. Note: State law may restrict queries to commercial databases.**

   The **[name of entity]** will query **[insert name of law enforcement or commercial database]** LPR information that:

- Is based on a possible threat to public safety or the enforcement of the criminal law, or
- Is based on reasonable suspicion that an identifiable individual or organization has committed a criminal offense or is involved in or planning criminal (including terrorist) conduct or activity that presents a threat to any individual, the community, or the nation and that the information is relevant to the criminal (including terrorist) conduct or activity, or
- Is relevant to the investigation and prosecution of suspected criminal (including terrorist) incidents; the resulting justice system response; the enforcement of sanctions, orders, or sentences; or the prevention of crime, or
- Is directly related to an investigation or mission of the law enforcement entity, and
  - The source of the information is reliable and verifiable or limitations on the quality of the information are identified, and
  - The information was collected in a fair and lawful manner (e.g., it does not infringe on the federal or state constitutional rights of any individual, group, or organization).

3. Does the entity utilize hot lists (alert lists), and if so, what is the entity's procedure?

Hot-list information is considered confidential information to the extent permitted by law and will be updated **[insert time period(s)]** each day. Officers assigned an LPR unit are responsible for ensuring they are operating with the most current hot list (at minimum) at the beginning of each shift, including information files of stolen and "of interest" vehicles containing all of the current National Crime Information Center (NCIC) information. Department members will query their LPR system to ascertain whether there is a prior read of the license plate that is the subject of the particular alert, bulletin, or alarm. Proactive manual entry of LPR hot lists in the field is permitted for:

- Dispatched reports of crimes—"Be On the Lookouts" (BOLOs) or AMBER, SILVER, or other law enforcement alerts in which a license plate number is part of the broadcast; or
- When directed or authorized for a legitimate law enforcement purpose.

4. Identify what LPR information *may not* be sought, retained, shared, or disclosed by the entity.

This may include federal or state constitutional prohibitions or prohibitions in federal, state, local, or tribal laws.

The **[name of entity]** and any information-originating entities will not seek, submit, or retain LPR information about individuals or organizations based solely on their religious, political, or social views or activities; their participation in a particular noncriminal organization or lawful event; or their race, ethnicity, citizenship, place of origin, age, disability, gender, gender identity, sexual orientation, or other classification protected by law.

5. Identify what information is *contained* in entity-accessed LPR information.

[Name of entity] LPR cameras may be mobile (mounted on vehicles) or stationary (i.e., mounted to a structure). A standard LPR record contains, at a minimum, an optical character recognition (OCR) interpretation of the captured image, a photo of the license plate and a contextual photo of an area surrounding the plate that could range from a few inches to a larger area around the entire vehicle, the geographic coordinates of where the image was captured, the date and time of the recording, and the specific camera/unit that captured the image.

6. Identify what information is *not contained* in entity-accessed LPR information.

[Name of entity]-accessed LPR information contains images of license plates that are available to public view (e.g., vehicles that are on a public road or street or that are on private property but whose license plates[s] are visible from a public road, street, or place to which members of the public have access, such as the parking lot of a shop or other business establishment) and that identify specific vehicles. Retained LPR information does not include specific identification of individuals. Separate video surveillance images of the same location or images from private cameras will not be associated with LPR data unless a specific image is required to investigate or document a violation in accordance with the authorized purposes described in this section.

License plate numbers and date/time location collected through an LPR may not be, when taken alone, sufficient to identify the individual associated with the vehicle. The **[name of entity]** may be able to link the LPR information to an individual through additional use and combination with other information, such as a check of vehicle registration. Thus, even though the LPR information the **[name of entity]** accesses may be the result of an LPR system's automated collection of license plate numbers, it is the investigation process that identifies individuals. Refer to Section H.2 for information on the **[name of entity]**'s LPR validation procedure or to Appendix A, Glossary of Terms and Definitions, for more information on LPR information.

Approach 1: [This approach should be used by entities that withhold LPR information from public release using the privacy exemption under the public records laws.]
The **[name of entity]** protects all LPR information as personally identifiable information (PII) because LPR information may be combined with other information to specify a unique individual (i.e., the identity of an individual could be directly or indirectly inferred by using information that is linked or linkable to that individual). The **[name of entity]** collects, receives, accesses, uses, disseminates, retains, and purges LPR information because it can be linked to an individual to further an authorized mission.

Approach 2:
In the absence of the investigation process, the license plate number and the time and location data attached to it may not identify a specific person. Thus, even though the **[name of entity]**'s LPR systems automate the collection of license plate numbers, it is the investigation process that identifies individuals. Refer to Section H.2 for information on the **[name of entity]**'s LPR validation procedure or to Appendix A, Glossary of Terms and Definitions, for more information on LPR information.

Databases of LPR information do not contain alert lists based on strictly civil matters. In addition, LPR information does not contain audio recordings.

7. **Does the LPR policy specifically require a consideration of nondiscriminatory intent in the placement of stationary cameras?**

   Per the **[name of entity]** policy of nondiscrimination noted in Section E.4, the pattern and frequency of stationary camera placement will be assessed **[note frequency]** to confirm nondiscriminatory placement.

8. **Who owns the entity's LPR hardware, software, and LPR information collected?**

   The hardware and software licenses associated with the **[name of entity]**'s LPR system are the property of **[insert name of owning agency]**, regardless of whether the system has been purchased, leased, or acquired as a service. All deployments of the LPR system are for official use only (FOUO). All information captured, stored, generated, or otherwise produced by an LPR system is the property of the **[insert name of owning agency]**, regardless of where the information is housed or stored.[3]

9. **What is the entity's policy regarding the investigative techniques the entity will follow when acquiring LPR information (for example, an intrusion-level statement)?**

   LPR information collection and investigative techniques used by the **[name of entity]** and by LPR information-originating agencies must be the least intrusive as necessary in the particular circumstances to collect LPR information the **[name of entity]** is authorized to seek or retain.

10. **If the entity contracts with commercial LPR databases, does the entity require an assurance that the commercial LPR database company is in legal compliance in its information collection, receipt, access, retention, dissemination, and purging procedures?**

    The **[name of entity]** will contract only with commercial LPR database companies that provide an assurance that their methods for collecting, receiving, accessing, disseminating, retaining, and purging LPR information comply with applicable local, state, tribal, territorial, and federal laws, statutes, regulations, and policies and that these methods are not based on misleading information collection practices.

11. **From what sources (nongovernmental, commercial, or private agencies or institutions or classes of individuals) will the entity not seek, receive, accept, or retain LPR information?**

    The **[name of entity]** will not directly or indirectly seek, receive, accept, or retain LPR information from:

    - An individual who or nongovernmental agency that may receive a fee or benefit for providing the LPR information, except as expressly authorized by law or **[name of entity]** policy, and/or
    - An individual who or information provider that is legally prohibited from obtaining or disclosing the LPR information.

[3] Refer to state law regarding ownership and compliance with open record requests regarding LPR information.

F. Use of LPR Information

1. Describe the authorized uses justifying access to or disclosure of LPR information *within the entity or in other governmental agencies*.

Access to or disclosure of LPR information will be provided only ***to individuals within the entity or in other governmental agencies*** who are authorized to have access and only for legitimate law enforcement purposes (e.g., enforcement, reactive investigations) and to IT personnel charged with the responsibility for system administration and maintenance. This means that queries and dissemination of LPR information are permitted only if:

- There is a legal basis requiring these actions, or
- There is reasonable suspicion that an individual or enterprise is involved in criminal conduct or activity, and
  - The LPR information is relevant to that suspected criminal conduct or activity and the requestor has a legitimate need to know.

Examples of legitimate law enforcement purposes to access LPR information may include:

- Enforcement
- Reactive investigations
- Supervisory or security oversight of LPR system and data use

Authorized uses are described in A.2 of this policy. However, the **[name of entity]** accords special consideration to the collection of LPR information relating to First Amendment-protected events and will articulate a legal or justified basis for such collection during the planning assessment and approval process for the particular event, before proceeding with the collection.[4]

2. Which LPR program or LPR information uses are prohibited by the entity?

The **[name of entity]** will prohibit access, use, or dissemination of LPR information for:

- Any purpose that violates the Constitution or laws of the United States, including the protections of the Fourth Amendment.
- Non-law enforcement or personal purposes.
- Discriminatory purposes.
- The purpose of prohibiting, infringing upon, or deterring activities protected by the First Amendment, such as freely practicing one's religion, freedom of speech and peaceful assembly, freedom of the press, and the right to petition the government for the redress of grievances.[5]
- The purpose of prohibiting or deterring lawful individual exercise of other rights, such as freedom of association, implied by and secured by the U.S. Constitution or any other constitutionally protected right or attribute.
- Harassing and/or intimidating any individual or group.
- Targeting of any individual or group by means of camera placement or data use in a discriminatory manner, noted in Section E.4.
- Any other access, use, disclosure, or retention that would violate applicable law, regulation, or policy.

3. What types of user actions and permissions are controlled by the entity's LPR access limitations?

<u>Best Practice</u>: Least privilege administration is a recommended security practice in which every user is provided with only the minimum privileges needed to accomplish the tasks he or she is authorized to perform. It is suggested that entities specify their method for identifying user actions and permissions as it relates to LPR information within their LPR policies.

In addition, the **[name of entity]** will employ credentialed, role-based access criteria, as appropriate, to control:

- The LPR information to which a particular group or class of users may have access based on the group or class.
- The assignment of roles (e.g., administrator, manager, operator, and user).

[4] For further information about these processes, see *Recommendations for First Amendment-Protected Events for State and Local Law Enforcement Agencies* at 4, Global Justice Information Sharing Initiative, https://it.ojp.gov/GIST/35/Recommendations-for-First-Amendment-Protected-Events-for-State-and-Local-Law-Enforcement-Agencies.
[5] Ibid. at 6–7 and 11–13.

- The categories of LPR information that a class of users are permitted to use in order to update a hot list, including information being utilized in specific investigations.
- Any administrative or functional access required to maintain, control, administer, audit, or otherwise manage the information or equipment.

G. Sharing and Dissemination of LPR Information

1. Under what conditions will the entity provide external law enforcement agencies with access to the entity's LPR information?

The **[name of entity]** will establish requirements for any external agency requesting access to the **[name of entity]**'s LPR information. These requirements will be documented in an interagency agreement/memorandum of understanding and will include an assurance from the external agency that it complies with the laws and rules governing those individual agencies, including applicable federal and state laws.

2. Under what circumstances will the entity or contracted vendor *not disclose* LPR information?

The **[name of entity]**'s LPR information **will not** be:

- Sold, published, exchanged, or disclosed to commercial or private entities or individuals except as required by applicable law and to the extent authorized by the **[name of entity]**'s agreement with a commercial vendor.
- Disclosed or published without prior notice to the originating entity that such information is subject to disclosure or publication. However, the **[name of entity]** and the originating agency may agree in writing in advance that the **[name of entity]** will disclose LPR information as part of its normal operations, including disclosure to an external auditor of the LPR information.
- Disclosed on a discretionary basis unless the originating agency has provided prior written approval or unless such disclosure is otherwise authorized by the memorandum of understanding or agreement between the **[name of entity]** and the originating agency.
- Disclosed to unauthorized individuals.

[For commercial LPR vendors, the entity should consult its vendor agreement.]

3. State the entity's policy on confirming the existence or nonexistence of LPR information to individuals or agencies that are not authorized to receive the information.

The **[name of entity]** will not confirm the existence or nonexistence of LPR information to any individual or agency that would not be authorized to receive the information unless otherwise required by law.

H. Information Quality Assurance

1. What is the entity's policy for ensuring that the original LPR information is not altered, changed, or modified?

Original LPR information will not be altered, changed, or modified in order to protect the integrity of the data. Any changes will be maintained as a separate and additional record, and such record will be identified as having been modified.

2. For LPR alerts, what procedure must be followed to validate LPR information prior to law enforcement action (for example, prior to law enforcement initiating a traffic stop or investigative act, including analytics)?

Whenever a license plate reader alerts on license plate information, prior to taking any law enforcement action, officers will be required, to the fullest extent possible, to visually verify that the actual vehicle license plate information matches the license plate information used and alerted upon by the LPR system, including both alphanumeric characters of the license plate and the state of issuance; verify the current status of the plate as active through **[insert name of source, such as mobile information terminal [MDT] query, NCIC, etc.]**; and confirm whether the alert pertains to the registrant of the car or the car itself. Receipt of an LPR alert for a stolen or felony vehicle may not rise to the level of reasonable suspicion and is not sufficient probable cause to arrest without confirmation that the alert is still valid and active. If the alert is for another type of transaction, the officer will read the description of the alert and follow the appropriate action or reporting method. If an LPR alert cannot be verified both visually and for validity, then law enforcement should not act on the alert and it should be rejected.

If the officer witnesses a violation of law or other action that establishes reasonable suspicion for a stop, the officer may conduct a stop based on that reasonable suspicion. This provision shall not prevent a law enforcement officer from taking immediate action when a verifiable emergency situation exists for officer safety.

On each resulting alert, the officer is required to enter a disposition indicating the action taken or not taken on the alert.

3. What is the entity's procedure for ensuring proper LPR equipment functionality?

The **[name of entity]** will perform routine maintenance, upgrades, calibration, and refreshes of all LPR equipment and components to ensure proper functionality, including the following:

- At the beginning of a shift, officers will visually inspect the exterior cameras to ensure the lenses are clear and the cameras have not been altered in any way.
- Designated, trained personnel shall check LPR equipment on a regular basis to ensure functionality and proper camera alignment.
- Any equipment that falls outside expected functionality shall be removed from service until deficiencies have been corrected.
- Officers will not attempt to disconnect, modify, or change the LPR equipment or software unless authorized to do so.
- Damage or other malfunctions to the equipment will be reported to the **[insert position/title]**.
- The LPR equipment and components will not be transferred to another vehicle except with the prior, written approval of the LPR Administrator.

4. Does the entity research alleged or suspected errors and deficiencies of LPR information (or requests that the originating agency or vendor investigates)?

The **[name of entity]** will investigate, in a timely manner, alleged errors and deficiencies of LPR information or, if applicable, will request that the originating agency or vendor investigate the alleged errors and deficiencies.

5. How does the entity respond to confirmed errors or deficiencies of LPR information it has originated or received from an originating agency or vendor—for example, camera or system metadata (i.e., camera clock, location, image quality, Global Positioning System [GPS] errors)?

Note: When the original LPR record has been corrected, the [name of entity] should consider how prosecutors (and thus, defense counsel), who may be using the LPR record as evidence in a criminal case, are to be notified of such correction (i.e., written, electronic, other).

The **[name of entity]** will correct, notate, delete, or refrain from using LPR information the **[name of entity]** originated and found to be erroneous or deficient. Originating agencies external to the **[name of entity]** are responsible for reviewing the quality and accuracy of the LPR information provided to the **[name of entity]** and must take reasonable steps to correct or amend the information upon learning that it is inaccurate or deficient. The **[name of entity]** will review the quality of LPR information it has received from an originating agency or vendor and will advise the appropriate point of contact, in writing or electronically, when its LPR information is alleged, suspected, or found to be erroneous or deficient.

6. When the entity has provided erroneous or deficient LPR information to an external agency, what method is used to notify the external agency (written, telephonic, or electronic notification)?

Note: When the original LPR record has been corrected, the [name of entity] should consider how prosecutors (and thus, defense counsel), who may be using the LPR record as evidence in a criminal case, are to be notified of such correction (i.e., written, electronic, other).

The **[name of entity]** will use written or electronic notification to inform recipient agencies **[or, if applicable, use the phrase "inform the consolidated system"]** when LPR information previously provided is erroneous or deficient. In addition, the **[name of entity]** will take reasonable steps to correct or amend the information provided to the external agency in order to ensure accuracy and sufficiency to the extent possible.

I. Redress

I.1 Disclosure

1. **May LPR information be provided *to a member of the public* in response to an information request, and are these circumstances described in the entity's redress policy? For this policy provision, consult with legal counsel to determine under what conditions, if any, LPR information would be disclosed to a member of the public.**

   Notes:
   - **This issue does not apply to circumstances in which an entity chooses to provide sensitive information in accordance with entity policy in response to an emergency situation or provide nonsensitive information to the public.**
   - **For those entities that withhold LPR information from public release using the privacy exemption under public records laws, Approach 1 under E.6 should be selected.**

   LPR information will be disclosed to the public in accordance with **[cite applicable public records laws]**. **[If the state law permits disclosure, revise provision to reflect this.]**

2. **If required by state statute, what is the entity's process for disclosing LPR information to an individual about whom LPR information has been collected or received, and if confirming identity of the requestor is required, is a record kept of all requests?**

   Note: If the state public (open) records act provides procedures for disclosure, corrections, appeals, and handling of complaints when LPR information is not subject to disclosure, these procedures should be summarized in the policy in lieu of using the sample language provided.

   Upon satisfactory verification (fingerprints, driver's license, or other specified identifying documentation) of his or her identity, an individual is entitled to know the existence of and to review the LPR information about him or her that has been collected or received and retained by the **[name of entity]**. If allowed by state law, the individual may obtain a copy of the LPR information for the purpose of challenging the accuracy or completeness of the information (correction). The **[name of entity]**'s response to the request for LPR information will be made within a reasonable time and in a form that is readily intelligible to the individual. A record will be kept of all requests.

I.2 Corrections

1. **If, in accordance with state statute, the entity is subject to disclosure, what is the entity's procedure for handling individuals' requests for correction involving *LPR information the entity has disclosed and can change because it originated the information*? Is a record kept of requests for corrections?**

   If, in accordance with state law, an individual requests correction of LPR information *originating with the* **[name of entity]** that has been disclosed, the **[name of entity]**'s **[insert title of designee]** will inform the individual of the procedure for requesting corrections, including appeal rights for those requests that are denied in whole or in part. A record will be kept of all requests.

I.3 Appeals

1. **If requests for disclosure or corrections are denied, what is the entity's procedure for appeal?**

   The individual who has requested disclosure or to whom LPR information has been disclosed will be informed of the reason(s) why the **[name of entity]** or originating agency denied the request for disclosure or correction. The individual will also be informed of the procedure for appeal when the **[name of entity]** or originating agency has cited an exemption for the type of information requested or has declined to correct challenged LPR information to the satisfaction of the individual to whom the information relates.

J. Security and Maintenance

1. **What are the entity's physical, procedural, and technical safeguards for ensuring the security of LPR information?**

   Describe how the entity will protect the LPR information from compromise, such as:

   - **Unauthorized access**
   - **Modification**
   - **Theft**
   - **Sabotage (whether internal or external)**
   - **Natural or human-caused disasters**
   - **Intrusions**

   Consider procedures, practices, system protocols, use of software, information technology tools, and physical security measures.

   Best Practice: Reference generally accepted industry or other applicable standard(s) for security with which the entity complies (e.g., National Institute of Standards and Technology guidance).

   The **[name of entity and, if applicable, the name of entity's LPR vendor]** will operate in a secure facility protected from external intrusion and will utilize secure internal and external safeguards against network intrusions. Access to **[name of entity]** LPR information from outside the facility will be allowed only over secure networks.

2. **Is the entity's LPR system in compliance with the manufacturer's recommendations or any current industry standards?**

   All LPR equipment, software, and components will be properly maintained in accordance with the manufacturer's recommendations and/or any published industry standards.

3. **What requirements exist to ensure that the LPR information will be stored in a secure format and a secure environment?**

   The **[name of entity or, if applicable, the name of entity's LPR vendor]** will store LPR information in a manner that ensures that it cannot be added to, modified, accessed, or purged except by personnel authorized to take such actions.

4. **What are the requirements of personnel authorized to have access to entity LPR information?**

   Access to **[name of entity]** LPR information will be granted only to personnel whose positions and job duties require such access and who have successfully completed a background check and training.

5. **Does the entity prohibit sharing of passwords?**

   Usernames and passwords to LPR information are not transferrable, must not be shared by **[name of entity]** personnel, and must be kept confidential.

6. **Does the entity require specific configurations of strong passwords and require the replacement of manufacturer default passwords for all Web-based system access within a specified time frame?**

   User passwords must meet the following standards **[insert rules, such as no English words and a combination of letters, numbers, and at least two symbols]**. The system administrator will ensure that all manufacturer-generated default passwords are replaced with secure passwords before Web-based interfaces of the system become operational.

7. **Does electronic access to entity LPR information identify the user? Is the identity of the user retained in the audit log?**

   Queries made to the **[name of entity]**'s LPR information will be logged into the system identifying the user initiating the query. All user access, including participating agency access, and queries are subject to review and audit.

8. **Is a log kept of accessed and disseminated entity-owned LPR information, and is an audit trail maintained? Refer to Section L.2, Accountability, for more information on audit logs.**

   The **[name of entity]** will maintain an audit trail of accessed, requested, or disseminated **[name of entity]**-held LPR information. An audit trail will be kept for a minimum of **[specify the retention period for your jurisdiction/entity for this type of request]** of requests for access to LPR information for specific purposes and of what LPR information is disseminated to each individual in response to the request. Audit logs will include:

   - The name and agency of the law enforcement user.
   - The date and time of access.
   - The specific information accessed.
   - The modification or deletion, if any, of the LPR information.
   - The authorized law enforcement or public safety justification for access, including a relevant case number if available. **[Note: The justification should be consistent with Section E.]**

9. **Are risk and vulnerability assessments (if maintained) stored separately from publicly available data?**

   To prevent public records disclosure, risk and vulnerability assessments will not be stored with publicly available data.

10. **What are the entity's procedures for adhering to information breach notification laws or policies?**

    Best Practice: Provide prompt notification to originating agencies when LPR information they provided to the entity has been the subject of a suspected or confirmed information breach.

    Option 1: State Information Breach Law

    The **[name of entity]** will follow the information breach notification guidance set forth in **[cite to applicable law]**. **Additional Best Practice Sample Language: [To the extent required by the (state) information breach notification law]** The **[name of entity]** will immediately notify the originating agency from which the **[name of entity]** received personal information of a suspected or confirmed breach of such information.

    Option 2: No State Information Breach Law

    A: No State Information Breach Law but the Entity Follows Guidance From the Office of Management and Budget (OMB)
    The **[name of entity]** will follow the information breach notification guidance set forth in OMB Memorandum M-07-16 (May 2007), available at http://www.whitehouse.gov/OMB/memoranda/fy2007/m07-16.pdf.

    B: Entity Adheres to the Following Policy
    [If there is no applicable state information breach notification law.] The **[name of entity]** will notify an individual about whom personal information was or is reasonably believed to have been breached or obtained by an unauthorized person and access to which threatens physical, reputational, or financial harm to the individual. The notice will be made promptly and without unreasonable delay following discovery or notification of the access to the information, consistent with the legitimate needs of law enforcement to investigate the release or take any measures necessary to determine the scope of the release of information and, if necessary, to reasonably restore the integrity of any information system affected by this release.

K. Information Retention and Purging

1. **What is the entity's policy regarding retention and purging of LPR information? Reference laws, if applicable. If information is stored in multiple repositories (mobile information computer [MDC]/laptops, servers, cameras, etc.), identify each repository and its associated retention period. Agencies vary in their LPR information retention policies based in part on their strategic and tactical objectives in using the technology and the specific laws and regulations of their jurisdictions.**

   All LPR information contained within the **[name of entity]**'s LPR system will be stored for a period not to exceed **[insert a time frame]**. After **[insert time period]**, the information will be automatically purged (i.e., permanently removed from the system).

   [Entities may want to consider different retention periods for LPR information based on the legitimate law enforcement purpose for retaining the record. The following are examples.]

- **When LPR information is used for short-term situational awareness surveillance, the [name of entity] will purge information on nonviolators within [insert time period]. However, with respect to the retention of LPR information relating to First Amendment-protected events (e.g., mass gatherings), the [name of entity] limits the retention of LPR information to [insert time period].**
  Note: In accordance with *Recommendations for First Amendment-Protected Events for State and Local Law Enforcement Agencies*,[6] "[a]gencies should limit the retention of information as much as possible to avoid the perception of maintaining files on groups or persons who engage in protected First Amendment activities."
- **For records retained locally on an MDC (and/or back-end servers), the [name of entity] will purge information within [insert time period].**

[The retention decision focuses on the LPR record as a whole. The individual components of the LPR record should not have different retention periods.]

This retention policy applies only to the LPR information contained in the **[name of entity]**'s LPR system itself. Once LPR information is downloaded by **[name of entity]** personnel and incorporated into a criminal intelligence record or an investigative case file, the LPR information is then considered intelligence or investigative information and the laws, regulations, and policies applicable to that type of information or intelligence govern its use.

If the LPR record has become or there is reason to believe that it will become evidence, including evidence that tends to inculpate or exculpate a suspect, in a specific criminal or other law enforcement investigation or action, the following provisions apply:

a. In those circumstances in which an LPR record is identified as having evidentiary value, the LPR **[insert Administrator or other title]** or designee will review the facts of the specific case and determine whether the information should be retained beyond the established retention period. If it is determined that it is reasonable to believe the information has evidentiary value, the LPR **[insert Administrator or other title]** will authorize the transfer of the applicable record from the LPR system server to **[insert appropriate response; for example, "the entity's case management system" or "a form of digital storage media (CD, DVD, etc.) or other portable storage device"]**.
b. Agencies requiring LPR records to be retained by the **[name of entity]** beyond the established retention period may make a formal, written request to the **[name of entity]** to extend retention. Each request must specify the need for extended retention, the circumstances surrounding the request, the requesting agency's case number, and a specific point of contact within the requesting agency. The **[name of entity]** reserves the right to grant or deny agency requests based on the information provided.

The **[name of entity]** retains the right to remove LPR information earlier than the retention period, based on limitations of information storage requirements and subject to applicable statutory disclosure mandates. Early removal, however, will not be used as a means for intentionally interfering with a lawful complaint or a public records request. The retention period may be modified at any time by the **[name of entity]**, subject to applicable legal requirements.

L. Accountability and Enforcement

L.1 Transparency

1. Is the entity's LPR policy available to the public?

The **[name of entity]** will be open with the public in regard to LPR information collection, receipt, access, use, dissemination, retention, and purging practices. The **[name of entity]**'s LPR policy will be made available in printed copy upon request and posted prominently on the **[name of entity]**'s Web site **[or Web page]** at **[insert Web address]**.

2. Does the entity have a point of contact for handling inquiries or complaints?

The **[name of entity]**'s **[Privacy Officer, LPR Administrator, or other position title]** will be responsible for receiving and responding to inquiries and complaints about incorrect information or privacy, civil rights, and civil liberties protections in the LPR information system maintained or accessed by the **[name of entity]**. The **[Privacy Officer, LPR Administrator, or other position title]** may be contacted at **[insert mailing address or e-mail address]**.

[6] Ibid. at 22–23.

L.2 Accountability

1. **What procedures and practices does the entity follow to enable evaluation of user compliance with system requirements, the entity's LPR policy, and applicable law?**

   The **[name of entity]** will adopt and follow procedures and practices by which it can ensure and evaluate the compliance of users with system requirements and with the provisions of this LPR policy and applicable law. This will include logging access to LPR information and periodic random auditing of these systems, so as not to establish a discernable pattern that may influence users' actions. These audits will be mandated at least **[insert quarterly, semiannually, annually, or other time period]**, and a record of the audits will be maintained by the **[Privacy Officer, LPR Administrator, or title of designee]** of the **[name of entity]**. Audits may be completed by an independent third party or a designated representative of the **[name of entity]**.

   Appropriate elements of this audit process and key audit outcomes will be compiled into a report and may be provided to command staff and oversight entities or governance boards.[7]

   [Entities may also release the results of the audit to the public, pursuant to law or as a matter of discretion. Under these circumstances, consider the following options.]

   Option 1: The **[name of entity]** will provide, at minimum, an overview to the public to enhance transparency with respect to privacy, civil rights, and civil liberties protections built into the **[name of entity]**'s operations.

   Option 2: The **[name of entity]** will also release to the public the full audit, with redactions as necessary to protect the privacy of any individual or group, if appropriate and consistent with jurisdictional requirements.

2. **Does the entity have a mechanism for users or other personnel to report errors and suspected or confirmed violations of LPR policies?**

   The **[name of entity]**'s personnel or other authorized users shall report errors and suspected or confirmed violations of the **[name of entity]**'s LPR policy to the **[name of entity]**'s **[insert title of LPR Administrator]**.

3. **How often does the entity review and update the provisions contained within this LPR policy (for example, annually)?**

   The **[Privacy Officer, LPR Administrator, or other position title]** will review and update the provisions contained in this LPR policy annually and will make appropriate changes in response to changes in applicable law, technology, and/or the purpose and use of the LPR system; the audit review; and public expectations.

L.3 Enforcement

1. **What is the entity's procedure for enforcement if entity personnel, a participating agency, or an authorized user is suspected of being or has been found to be in noncompliance with the provisions of this policy?**

   If **[name of entity]** personnel, a participating agency, or an authorized user is found to be in noncompliance with the provisions of this policy regarding the collection, receipt, access, use, dissemination, retention, and purging, the **[title of entity Director]** of the **[name of entity]** will:

   - Suspend or discontinue access to information by the **[name of entity]** entity personnel, the participating agency, or the authorized user;
   - Apply appropriate disciplinary or administrative actions or sanctions;
   - If the authorized user is from an agency external to the **[name of entity]**, request that the user's employer initiate disciplinary proceedings to enforce the policy's provisions; and/or
   - Refer the matter to appropriate authorities for criminal prosecution, as necessary, to effectuate the purposes of the policy.

[7] *Privacy, Civil Rights, and Civil Liberties Audit Guidance for the State, Local, Tribal, and Territorial Intelligence Component*, Global Justice Information Sharing Initiative, https://it.ojp.gov/GIST/181/Privacy--Civil-Rights--and-Civil-Liberties-Audit-Guidance-for-the-State--Local--Tribal--and-Territorial-Intelligence-Component.

2. **What is the entity's policy with regard to the qualifications and number of participating agency personnel authorized to access entity LPR information, and what additional sanctions are available for violations of the entity's LPR policy?**

   The **[name of entity]** reserves the right to establish the qualifications and number of personnel having access to **[name of entity]** LPR information and to suspend or withhold service and deny access to any participating agency or participating agency personnel violating this LPR policy.

M. Training

1. **What personnel does the entity require to participate in training programs, before access to entity LPR information is granted, regarding implementation of and adherence to this LPR policy?**

   Before access to **[name of entity]** LPR information is authorized, the **[name of entity]** will require the following individuals to participate in training regarding implementation of and adherence to this LPR policy:

   - All authorized **[name of entity]** personnel.
   - All authorized participating agency personnel.
   - All authorized personnel providing information technology services to the **[name of entity]**.

2. **What is covered by the entity's LPR training program (for example, purpose of the LPR policy, substance and intent of the provisions of the LPR policy, impact of infractions, and possible penalties for violations)?**

   The **[name of entity]**'s LPR policy training program will cover:

   - Purposes of the LPR policy.
   - Substance and intent of the provisions of this LPR policy and any revisions thereto relating to collection, receipt, access, use, dissemination, retention, and purging of the **[name of entity]**'s LPR information and the privacy, civil rights, and civil liberties protections on the use of the technology and the information collected or received.
   - Appropriate procedures relating to license plate image quality and mitigating the risks associated with a possible misread by the LPR system.
   - LPR verification process for law enforcement alerts.
   - Originating and participating agency responsibilities and obligations under applicable federal, state, or local law and policy.
   - How to implement the LPR policy in the day-to-day work of the user, whether a paper or systems user.
   - Mechanisms for reporting violations of **[name of entity]** LPR policy provisions.
   - The nature and possible penalties for LPR policy violations, including possible transfer, dismissal, criminal liability, and immunity, if any.

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Appendix A—Glossary of Terms and Definitions

The following is a list of primary terms and definitions used throughout this template. These terms are also useful in drafting the definitions section of the entity's LPR policy.

Access—Information access is being able to get to (usually having permission to use) particular information on a computer. Information access is usually specified as edit, enter, modify, or read-only and read/write access. Web access means having a connection to the Internet through an access provider or an online service provider.

Access Control—The mechanisms for limiting access to certain information based on a user's identity and membership in various predefined groups. Access control can be mandatory, discretionary, or role- or user-based.

Acquisition—The means by which an entity obtains LPR information through the exercise of its authorities.

Agency—A participating agency that accesses, contributes, and/or shares information in the **[name of entity]**'s justice information system.

Aggregation of LPR Data—Refers to information that becomes part of a case file. It is also called "used data," and it shall be compliant with applicable laws and regulations.[8]

Alert—A visual and/or auditory notice that is triggered when the LPR system receives a potential "hit" on a license plate.

Audit Trail—A generic term for recording (logging) a sequence of activities. In computer and network contexts, an audit trail tracks the sequence of activities on a system, such as user log-ins and log-outs. More expansive audit trail mechanisms would record each user's activity in detail—What commands were issued to the system? What records and files were accessed or modified?

Audit trails are a fundamental part of computer security and system user accountability and are used to trace (albeit usually retrospectively) unauthorized users and uses. They can also be used to assist with information recovery in the event of a system failure.

Authentication—The process of validating the credentials of an individual, a computer process, or a device. Authentication requires that the individual, process, or device making the request provide a credential that proves it is what or who it says it is. Common forms of credentials are digital certificates, digital signatures, smart cards, biometrics data, and a combination of usernames and passwords.

Authorization—The process of granting an individual, a computer process, or device access to certain information, services, or functionality. Authorization is derived from the identity of the individual, a computer process, or a device requesting access that is verified through authentication. See Authentication.

[8] Automated License Plate Recognition (ALPR), General Order 17.102, Tempe Police Department, Arizona, 12-13-2003.

Automatic License Plate Reader (ALPR)—ALPR systems comprise high-speed cameras mounted at a fixed location or on a mobile patrol vehicle (see Fixed LPR, Mobile LPR, and Portable LPR definitions) that function to:

- Automatically capture an image of a vehicle's license plate.
- Transform that image into alphanumeric characters using optical character recognition or similar software.
- Compare the plate number acquired to one or more databases of vehicles of interest to law enforcement and other agencies.
- Alert officers when a vehicle of interest has been observed.

The automated capture, use, and comparison of vehicle license plates typically occur within seconds, alerting officers when a wanted plate is observed.[9] A standard LPR record contains, at a minimum, an OCR interpretation of the captured image, a photo of the license plate and a contextual photo of an area surrounding the plate that could range from a few inches to a larger area around the entire vehicle; the geographic coordinates of where the image was captured; the date and time of the recording; and the specific camera/unit that captured the image. Retained LPR information does not include specific identification of individuals.

The following are other names used for this technology:

- Automated license plate recognition (ALPR)
- Automatic license plate recognition (ALPR)
- Automatic number plate recognition (ANPR)
- Automatic vehicle identification (AVI)
- Car plate recognition (CPR)
- License plate recognition (LPR)
- Mobile license plate reader (MLPR)
- Vehicle license plate recognition (VLPR)

Be On the Lookout (BOLO)—Refers to an indication by a law enforcement agency that there is an articulable and specific law enforcement reason to identify or locate a particular vehicle or, in the case of a post-scan BOLO, that there is an articulable and specific reason to ascertain the past location(s) of a particular vehicle.

BOLO List—Also known as a hot list, a compilation of one or more license plates or partial license plates of a vehicle or vehicles for which a BOLO situation exists that is programmed into an LPR so that the device will alert if it captures the image of a license plate that matches a license plate included on the BOLO list. The term also includes a compilation of one or more license plates or partial license plates that is compared against stored license plate information that had previously been scanned and collected by an LPR, including scanned license plate information that is stored in a separate information storage device or system. See Hot List.

Civil Liberties—According to the U.S. Department of Justice's Global Justice Information Sharing Initiative, the term "civil liberties" refers to fundamental individual rights, such as freedom of speech, press, or religion; due process of law; and other limitations on the power of the government to restrain or dictate the actions of individuals.

Civil Rights—The term "civil rights" refers to those rights and privileges of citizenship and equal protection that the state is constitutionally bound to guarantee all citizens regardless of race, ethnicity, religion, gender, national origin, religion, sexual orientation, gender identity, or other characteristics unrelated to the worth of the individual. Protection of civil rights imposes an affirmative obligation upon government to promote equal protection under the law. Generally, the term "civil rights" involves positive (or affirmative) government action to protect against infringement, while the term "civil liberties" involves restrictions on government.[10]

Collect—For purposes of this document, "gather" and "collect" mean the same thing.

Confidentiality—Refers to the obligations of individuals and entities to appropriately use information and data under their control once they have been disclosed to them and in accordance with applicable data security laws and policies. See Privacy.

Credentials—Information that includes identification and proof of identification that are used to gain access to local and network resources. Examples of credentials are usernames, passwords, smart cards, and certificates.

Criminal Activity—A behavior, an action, or an omission that is punishable by criminal law.[11]

Criminal Case Support—Those administrative or analytic activities that provide relevant information to law enforcement personnel regarding the investigation of specific criminal activities or trends or specific subject(s) of criminal investigations.[12]

Data Breach—The unintentional release of secure information to an untrusted environment. Your response to a data breach may be addressed in state law or agency policy. This may include incidents such as:

- Theft or loss of digital media—including computer tapes, hard drives, or laptop computers containing such media—upon which such information is stored unencrypted.

[9] Automated License Plate Recognition, "About ALPR" Web page, International Association of Chiefs of Police, http://www.iacp.org/ALPR-About.

[10] Civil Rights and Civil Liberties Protections Guidance (September 2008). The definition of "civil rights" is a modified version of the definition contained in the *National Criminal Intelligence Sharing Plan* (NCISP), at pp. 5–6.

[11] *License Plate Reader—Standard Operating Procedure*, Appendix—Definitions, Maryland Coordination and Analysis Center, www.mcac.maryland.gov/resources/LPR/LPR-SOP.html.

[12] Ibid.

- Posting such information on the Internet.
- Unauthorized employee access to certain information.
- Moving such information to a computer otherwise accessible from the Internet without proper information security precautions.
- Intentional or unintentional transfer of such information to a system that is not completely open but is not appropriately or formally accredited for security at the approved level, such as unencrypted e-mail.
- Transfer of such information to the information systems of a possibly hostile entity or environment where it may be exposed to more intensive decryption techniques.

Direct LPR Collection—The entity is the owner of the LPR equipment that captures LPR information.

Disclosure—The release, transfer, provision of access to, sharing, publication, or divulging of personal information in any manner—electronic, verbal, or in writing—to an individual, an entity, or an organization outside the entity that collected it.

Dissemination—See Disclosure.

Electronically Maintained—Information stored by a computer or on any electronic medium from which the information may be retrieved by a computer, such as electronic memory chips, magnetic tape, magnetic disk, compact disc optical media, or cloud technologies.

Electronically Transmitted—Information exchanged with a computer using electronic media, such as the movement of information from one location to another by magnetic or optical media, or transmission over the Internet, intranet, extranet, leased lines, dial-up lines, private networks, telephone voice response, or faxback systems. It does not include faxes, telephone calls, video teleconferencing, or messages left on voicemail.

Entity—The **[name of entity],** which is the subject and owner of the LPR policy.

Fair Information Practice Principles—The Fair Information Practice Principles (FIPPs) are a set of internationally recognized principles that inform information privacy policies both within government and the private sector. Although specific articulations of the FIPPs vary and have evolved since their genesis in the 1970s, core elements are consistent among nations, states, and economic sectors. These core elements are incorporated into information privacy laws, policies, and governance documents around the world. They provide a straightforward description of underlying privacy and information exchange principles and a simple framework for the legal use that needs to be done regarding the impact of an LPR system on individual privacy. Some of the individual principles, such as Principle 7, may not apply in all instances of an integrated justice system.

The eight principles are:

1. Collection Limitation/Data Minimization
2. Data Quality/Integrity (See definition.)
3. Purpose Specification
4. Use Limitation
5. Security Safeguards (See definition.)
6. Openness/Transparency
7. Individual Participation
8. Accountability/Audit

See Appendix B for one description of how the U.S. Department of Homeland Security applies these principles.

Firewall—A security solution that segregates one portion of a network from another portion, allowing only authorized network traffic to pass through according to traffic-filtering rules.

Fixed LPR—LPR cameras that are permanently affixed to a structure, such as a pole, a traffic barrier, or a bridge.

Hit—A read matched to a plate which has previously been registered on an agency's "hot list" of vehicle plates related to stolen vehicles, wanted vehicles, or other factors supporting investigation or which has been manually registered by a user for further investigation.

Hot List—A file that contains the license plate numbers of stolen vehicles; stolen license plates; AMBER, SILVER, or other law enforcement alerts; lists of license plate numbers known to be associated with specific individuals, such as wanted individuals or missing individuals (e.g., wanted for homicide, rape, robbery, child abduction); or terrorist watch lists. The Motor Vehicle Administration also provides suspended or revoked registrations. A hot list is routinely updated but does not rely on real-time communications with state or federal information sources. LPR hot lists are compiled to serve agency-specified needs. Manual entry may be available, allowing additions for specific license plates. The hot list is essential to LPR systems, as it is required in order to notify law enforcement that a vehicle on the list is near an LPR camera.[13] See Be On the Lookout.

Identification—A process whereby a real-world entity is recognized and its identity established. Identity is operationalized in the abstract world of information systems as a set of information about an entity that uniquely differentiates it from other similar entities. The set of information may be as small as a single code, specifically designed as an identifier, or a collection of data, such as a given and family name, date of birth, and address. An organization's identification process consists of the acquisition of the relevant identifying information.

Information—Inert symbols, signs, descriptions, or measures; elements of information. Includes any information about people, organizations, events, incidents, or objects, regardless of the medium in which it exists. Information received by law enforcement entities can be categorized into four general areas: general data, including

[13] Ibid.

investigative information; tips and leads data; suspicious activity reports; and criminal intelligence information.

Information Protection—Encompasses the range of legal, regulatory, and institutional mechanisms that guide the collection, receipt, use, dissemination, retention, purging, and protection of information.

Information Quality (IQ)—Refers to various aspects of the information; the accuracy and validity of the actual values of the data, information structure, and database/information repository design. Traditionally, the basic elements of IQ have been identified as accuracy, completeness, currency, reliability, and context/meaning. Today, IQ is being more fully described in multidimensional models, expanding conventional views of the topic to include considerations of accessibility, security, and privacy. This concept is also addressed as one of the Fair Information Practice Principles, Data Quality/Integrity. See Appendix B for a full set of the FIPPs.

Information Sharing Environment (ISE)—In accordance with Section 1016 of the Intelligence Reform and Terrorism Prevention Act of 2004 (IRTPA), as amended, the Information Sharing Environment (ISE) is a conceptual framework composed of the policies, procedures, and technologies linking the resources (people, systems, databases, and information) of state, local, tribal, and territorial (SLTT) agencies; federal agencies; and the private sector to facilitate terrorism-related information sharing, access, and collaboration.

Invasion of Privacy—Intrusion on one's solitude or into one's private affairs, public disclosure of embarrassing private information, publicity that puts one in a false light to the public, or appropriation of one's name or picture for personal or commercial advantage. See also Right to Privacy.

Least Privilege Administration—A recommended security practice in which every user is provided with only the minimum privileges needed to accomplish the tasks he or she is authorized to perform.

Legitimate Law Enforcement Purpose—The investigation, detection of a crime, or a violation of the law and/or the operation of terrorist or missing or endangered individual searches or alerts.[14]

Linkable Information—Information about or related to an individual for whom there is a possibility of logical association with other information about that individual.[15]

Linked Information—Information about or related to an individual that is logically associated with other information about that individual.[16]

Logs—A necessary part of an adequate security system because they are needed to ensure that information is properly tracked and that only authorized individuals are getting access to the data. See also Audit Trail.

LPR—Refer to Automatic License Plate Reader (ALPR).

LPR Information[17]—The images and the metadata associated with them are the primary forms of information collected by an LPR system. Information files typically contain the following information:

- Black-and-white plate image
- Contextual color image
- Electronically readable format of plate
- Alphanumeric characters of license plate numbers
- Location and GPS coordinates
- Time and date of image capture
- Camera identification

LPR System—A set of equipment used to capture license plate images and associated data. The equipment may include the following:

- One or more LPR cameras
- Processor for converting the images to text
- Optical Character Recognition (OCR) engine optimized for reading license plates
- GPS receiver
- Brackets or mounting hardware
- Connect cables

See also Automatic License Plate Reader, Fixed LPR, Mobile LPR, or Portable LPR.

Maintenance of Information—Applies to all forms of information storage. This includes electronic systems (for example, databases) and nonelectronic storage systems (for example, filing cabinets). To meet access requirements, an organization is not required to create new systems to maintain information or to maintain information beyond a time when it no longer serves that organization's purpose.

Mobile LPR—Intended for use in a moving motor vehicle (i.e., camera is moving) and typically mounted semipermanently to a marked patrol vehicle. A mobile LPR typically includes one to four cameras and the configuration is set at the discretion of the contributing agency based on driving patterns and street configurations.

Need to Know—As a result of jurisdictional, organizational, or operational necessities, access to sensitive information or intelligence is necessary for the conduct of an individual's official duties as part of an organization that has a right to know the information in the performance of a law enforcement, homeland security, or counterterrorism activity or other authorized government duty, such as to further an investigation or meet another law enforcement requirement.

[14] Ibid.
[15] Automated License Plate Recognition (ALPR), General Order 17.102, Tempe Police Department, Arizona, 12-13-2003.
[16] Ibid.
[17] Automated License Plate Recognition (ALPR), General Order 17.102, Tempe Police Department, Arizona, 12-13-2003.

Nonencounter Alert—Refers to an immediate alert in which the officer operating the LPR is instructed to notify the agency that put out the alert without initiating an investigative detention of the subject vehicle or otherwise revealing to the occupant(s) of that vehicle that its location has been detected or that it is the subject of law enforcement attention.

Nonrelevant Information—Information regarding a vehicle's location—particularly when collected over an extended period of time—may be misused to infer additional information about an individual that is not relevant to police purposes and potentially sensitive for the individual. Such inferences may include but are not limited to nonrelevant personal relationships, marital fidelity, religious observance, and political activities such as attending rallies or vote canvassing. By precisely and proportionally limiting access to LPR information, the risks of such misuse can be reduced and the likelihood of inferring protected/nonrelevant character attributions can be minimized. In addition, by ensuring that information lawfully collected but determined to be nonrelevant is purged upon classification as nonrelevant, entities further mitigate the privacy risks.

Participating Entity—A public safety or law enforcement agency that owns and/or operates LPR cameras, contributes information to the LPR system, and is authorized to access or receive entity LPR information.

Permissions—Authorization to perform operations associated with a specific shared resource, such as a file, a directory, or a printer. Permissions must be granted by the system administrator to individual user accounts or administrative groups.

Personal Information—Information that can be used, either alone or in combination with other information, to identify individual subjects suspected of engaging in criminal activity, including terrorism. See also Personally Identifiable Information (PII).

Personally Identifiable Information (PII)—One or more pieces of information that, when considered alone, in the context of how the information is presented or gathered, or when combined with other information, are sufficient to specify a unique individual. The pieces of information can be, but are not limited to:

- Personal characteristics (such as height, weight, gender, sexual orientation, date of birth, age, hair color, eye color, race, ethnicity, scars, tattoos, gang affiliation, religious affiliation, place of birth, mother's maiden name, distinguishing features, and biometrics information, such as fingerprints, DNA, and retinal scans).
- A unique set of numbers or characters assigned to a specific individual (including name, address, phone number, social security number, e-mail address, social media user name, driver's license number, financial account or credit card number and associated PIN number, Integrated Automated Fingerprint Identification System [IAFIS] identifier, or booking or detention system number).
- Descriptions of event(s) or points in time (for example, information in documents such as police reports, arrest reports, and medical records).
- Descriptions of location(s) or place(s) (including geographic information systems [GIS] locations, electronic bracelet monitoring information, etc.).

Portable LPR—LPR cameras that are transportable and can be moved and deployed in a variety of venues as needed, such as a traffic barrel or speed radar sign.

Privacy—Refers to individuals' interests in preventing the inappropriate collection, use, and release of personal information. Privacy interests include privacy of personal behavior, privacy of personal communications, and privacy of personal data. Other definitions of privacy include the capacity to be physically left alone (solitude); to be free from physical interference, threat, or unwanted touching (assault, battery); or to avoid being seen or overheard in particular contexts.

Privacy Policy—A printed, published statement that articulates the policy position of an organization on how it handles the personal information that it collects or receives and accesses or uses in the normal course of business. The policy should include information relating to the processes of information collection, receipt, access, use, dissemination, retention, and purging. It is likely to be informed by the Fair Information Practice Principles (FIPPs). The purpose of the privacy policy is to articulate that the entity will adhere to those legal requirements and entity policy determinations that enable collection, receipt, access, use, dissemination, retention, and purging of information to occur in a manner that protects personal privacy interests.

Public—Public includes:

- Any individual and any for-profit or nonprofit entity, organization, or association.
- Any governmental entity for which there is no existing specific law authorizing access to the entity's information.
- Media organizations.
- Entities that seek, receive, or disseminate information for whatever reason, regardless of whether it is done with the intent of making a profit and without distinction as to the nature or intent of those requesting information from the entity or participating entity.

Public does not include:

- Any employees of the entity or participating entity.
- People or entities, private or governmental, who assist the entity in the operation of the justice information system.
- Public entities whose authority to access information collected or received and retained by the entity is specified in law.

Public Access—Relates to what information can be seen by the public; that is, information whose availability is not subject to privacy interests or rights.

Purge—A term that is commonly used to describe methods that permanently erase and remove data from a storage space. There are many different strategies and techniques for data purging, which is often contrasted with data deletion.

Read—Digital images of license plates and associated metadata (e.g., date, time, and geographic coordinates associated with the vehicle image capture) that are captured by the LPR system.

Record—Any item, collection, or grouping of information that includes PII and is collected, received, accessed, used, disseminated, retained, and purged by or for the collecting entity or organization.

Redress—Laws, policies, and procedures that address public entity responsibilities with regard to access/disclosure and correction of information and the handling of complaints from individuals regarding *protected information* about them which is under the entity's control and which is exempt from disclosure and not disclosed to the individual to whom the information pertains.

Protected information includes personal information about individuals that is subject to information privacy or other legal protections by law. Protection may also be extended to organizations by center policy or state, local, tribal, or territorial law.

Retention—Refer to Storage.

Right to Know—Based on having legal authority or responsibility or pursuant to an authorized agreement, an entity or an organization is authorized to access sensitive information and intelligence in the performance of a law enforcement, homeland security, counterterrorism activity, or other authorized government duty.

Right to Privacy—The right to be left alone, in the absence of some reasonable public interest in collecting, accessing, retaining, and disseminating information about an individual's activities. Invasion of the right to privacy can be the basis for a lawsuit for damages against the individual or entity violating an individual's privacy.

Role-Based Access—A type of access authorization that uses roles to determine access rights and privileges. A role is a symbolic category of users that share the same security privilege.

Scan—Refers to the process by which an LPR automatically focuses on, photographs, and converts to digital text the license plate of a vehicle that comes within range of the LPR.

Security—Refers to the range of administrative, technical, and physical business practices and mechanisms that aim to preserve privacy and confidentiality by restricting information access to authorized users for authorized purposes. Computer and communications security efforts also have the goal of ensuring the accuracy and timely availability of information for the legitimate user set, as well as promoting failure resistance in the electronic systems overall. Security safeguarding of information is a Fair Information Practice Principle. See Appendix B.

Source Entity—Refers to the entity or organizational entity that originates LPR information.

Storage—In a computer, storage is the place where information is held in an electromagnetic or optical form for access by a computer processor. There are two general usages:

Storage is frequently used to mean the devices and information connected to the computer through input/output operations—that is, hard disk and tape systems and other forms of storage that do not include computer memory and other in-computer storage. This is probably the most common meaning in the IT industry.

In a more formal usage, storage has been divided into (1) primary storage, which holds information in memory (sometimes called random access memory, or RAM) and other "built-in" devices, such as the processor's L1 cache, and (2) secondary storage, which holds information on hard disks, tapes, and other devices requiring input/output operations.

Primary storage is much faster to access than secondary storage because of the proximity of the storage to the processor or because of the nature of the storage devices. On the other hand, secondary storage can hold much more information than primary storage.

User—An entity employee or an individual representing a participating entity who is authorized to access or receive and use an entity's information and intelligence databases and resources for lawful purposes.

Appendix B—Fair Information Practice Principles (FIPPs)

The Fair Information Practice Principles (FIPPs) are a set of internationally recognized principles that inform information privacy policies within both government and the private sector.

Although specific articulations of the FIPPs vary and have evolved since their genesis in the 1970s, core elements are consistent among nations, states, and economic sectors. These core elements are incorporated into data privacy laws, policies, and governance documents around the world. For example, the FIPPs are:

- At the core of the Privacy Act of 1974, which applies these principles to U.S. federal agencies.[18]
- Influential internationally, especially as articulated by the Organisation for Economic Co-operation and Development.
- Mirrored in many states' laws and in fusion centers' privacy policies.
- Used by numerous foreign countries and international organizations.

The following formulation of the FIPPs is used and implemented for the Information Sharing Environment (ISE) by the U.S. Department of Homeland Security (DHS).[19] For a definition of the Information Sharing Environment, refer to Appendix A, Glossary of Terms and Definitions.

1. **Purpose Specification—**Agencies should specifically articulate the authority that permits the collection of personally identifiable information (PII). The purpose(s) for which PII is collected should be specified at the time of data collection. Subsequent use of this data should be limited to the original purpose for which the PII was collected (or other purposes *compatible* with the original collection purpose).

   Implementing the Purpose Specification Principle—Agencies are bound by specific constitutional and statutory authorities that circumscribe their ability to collect PII. The following are examples of ways agencies may implement this principle:

   - Ensure that a valid lawful purpose exists and is documented for all collection of PII.
   - Include the source and authority for the data so that access restrictions can be applied.
   - Upon receipt of data containing PII from third parties, if possible, identify the purpose for which it was collected initially and limit agency use to only those uses compatible with the original purpose supporting collection.
   - Ensure that metadata or other tags are associated with the data as it is shared.
   - Institute a two-individual review and approval process to consider any Privacy Act or other legal or policy limitation before permitting use or sharing of data for purposes other than that for which it was collected.

2. **Data Quality/Integrity—**PII collected should be relevant to the purposes identified for its use and should be accurate, complete, and up to date.

[18] 5 U.S.C. § 552a.
[19] 6 U.S.C.§ 142.

Implementing the Data Quality/Integrity Principle—One important way to minimize potential downstream privacy and civil liberties concerns is to ensure that any information collected, stored, and disseminated is accurate. This includes ensuring that the information provides sufficient context for any PII. Possible approaches include:

- Properly labeling PII.
- Determining a policy for safeguarding PII if there are "mixed" databases (i.e., those databases with personal information on U.S. individuals and others, regardless of nationality).
- Instituting a source verification procedure to ensure reporting is based only on authorized data.
- Reconciling and updating PII whenever new relevant information is collected.
- Developing a protocol for ensuring data corrections are passed to those entities with which information has been shared.
- Creating a documented process for identifying and addressing situations in which data has been erroneously received, is inaccurate or has been expunged.

3. **Collection Limitation/Data Minimization—**PII should be collected only if the data is directly relevant and necessary to accomplish the specified purpose. PII should be obtained by lawful and fair means and retained only as long as is necessary to fulfill the specified purpose.

   Implementing the Collection Limitation/Data Minimization Principle—Collection limitation may be implemented by:

   - Designing a data storage system to pull data for review and then, if appropriate, automatically purging data after the specified retention period has been reached.
   - Limiting data field elements to only those that are relevant.
   - Ensuring that all distributed reports and products contain only that personal information that is relevant and necessary (nothing extraneous or superfluous).
   - Ensuring that all shared information with PII meets required thresholds for sharing, such as reasonable suspicion.

4. **Use Limitation—**PII should not be disclosed, made available, or otherwise used for purposes other than those specified except (a) with the consent of the individual or (b) by the authority of law.

   Implementing the Use Limitation Principle—Sharing information should be tempered by adherence to key principles, such as "authorized access." Use limitation may be implemented by:

   - Limiting users of data to those with credential-based access.
   - Requiring that justifications be entered and logs maintained for all queries with sensitive PII and that an internal review process of those logs takes place at specified intervals.
   - Requiring senior analysts to review all reports that use PII before dissemination to ensure (a) that PII is relevant and necessary and (b) that the recipient is authorized to receive the information in the performance of an authorized activity.
   - Prior to sharing information, verify that partners have a lawful purpose for requesting information.
   - Creating multiple use-based distribution lists and restricting distribution to those authorized to receive the information.

5. **Security/Safeguards—**Agencies should institute reasonable security safeguards to protect PII against loss, unauthorized access, destruction, misuse, modification, or disclosure.

   Implementing the Security/Safeguards Principle—This principle can be implemented by:

   - Maintaining up-to-date technology for network security.
   - Ensuring that access to data systems requires that users meet certain training and/or vetting standards and that such access is documented and auditable.
   - Ensuring that physical security measures are in place, such as requiring an identification card, credentials, and/or passcode for data access; disabling computers' USB ports; and implementing firewalls to prevent access to commercial e-mail or messaging services.
   - Implementing a protocol with technical and manual safeguards to ensure the accuracy and completeness of data system purges when records are deleted at the end of their retention period.
   - Ensuring that data system purge protocols include complete record deletion on all backup systems.
   - Transitioning older repositories into more modern systems to improve access controls.
   - Masking data so that it is viewable only to authorized users.

- Maintaining an audit log to record when information is accessed and by whom for review by senior staff at specified intervals.
- Requiring authorized users to sign nondisclosure agreements.

6. **Accountability/Audit—**Agency personnel and contractors are accountable for complying with measures implementing the FIPPs, for providing training to all employees and contractors who use PII, and for auditing the actual use and storage of PII.

   Implementing the Accountability/Audit Principle—Strong policies must not only be in place but also be effectively implemented. Accountability can be demonstrated by:

   - Ensuring that upon entry for duty, all staff take an oath to adhere to the privacy and civil liberties protections articulated in the center's or host agency's mission, core values statements, other key documents, and/or the U.S. Constitution.
   - Conducting effective orientation and periodic refresher training, including privacy, civil rights, and civil liberties protections, for all individuals handling PII.
   - Tailoring training to specific job functions, database access, or data source/storage requirements.
   - Conducting regular audits of all systems in which records are kept to ensure compliance with privacy, civil rights, and civil liberties policies and all legal requirements.
   - Following a privacy incident, establishing a handling procedure for any data breaches or policy violations.
   - Denying database access to individuals until they have completed mandatory systems access training (including training for handling of PII), show a mission need for access, and have any necessary clearances.
   - Developing targeted and consistent corrective actions whenever noncompliance is found.

7. **Openness/Transparency—**To the extent feasible, agencies should be open about developments, practices, and policies with respect to the collection, use, dissemination, and maintenance of PII. Agencies should publish information about policies in this area, including the privacy, civil rights, and civil liberties policy, and contact information for data corrections and complaints.

   Implementing the Openness/Transparency Principle—Agencies can implement the Openness/Transparency principle by:

   - Providing reports to an internal or external oversight body concerned with privacy, civil rights, and civil liberties issues, including privacy, civil rights, and civil liberties audit results.
   - Publishing the privacy, civil rights, and civil liberties policy and redress procedures.
   - Meeting with community groups through initiatives or other opportunities to explain the agency's mission and privacy, civil rights, and civil liberties protections.
   - Responding in the fullest way possible to freedom of information and/or sunshine requests and fully explaining any denial of information requests from the public.
   - Conducting and publishing Privacy Impact Assessments (PIAs) in advance of implementing any new technologies that affect PII thereby demonstrating that privacy, civil rights, and civil liberties issues have been considered and addressed.

8. **Individual Participation—**To the extent practicable, involve the individual in the process of using PII and seek individual consent for the collection, use, dissemination, and maintenance of PII. Agencies should also provide mechanisms for appropriate access, correction, and redress regarding the agency's use of PII.

   Implementing the Individual Participation Principle—To the extent appropriate, agencies can implement the Individual Participation principle by:

   - Collecting information directly from the individual, to the extent possible and practical.
   - Providing the individual with the ability to find out whether a project maintains a record relating to him or her and, if not (i.e., access and/or correction is denied), then providing the individual with notice as to why the denial was made and how to challenge such a denial.
   - Putting in place a mechanism by which an individual is able to prevent information about him or her that was obtained for one purpose from being used for other purposes without his or her knowledge.

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Appendix C—Listing of Federal Laws

The U.S. Constitution is known as the primary authority that applies to federal as well as state, local, tribal, and territorial (SLTT) entities. State constitutions cannot provide a lower level of privacy and other civil liberties protection than that established by the U.S. Constitution, but states can broaden constitutional rights guaranteed by their own constitutions.

Civil liberties protections are primarily founded in the Bill of Rights. They include the basic freedoms, such as free speech, assembly, and religion; freedom from unreasonable search and seizure; due process; etc. Statutory civil rights protections in the U.S. Constitution may, in addition, directly govern state action. These include the Civil Rights Act of 1964, as amended; the Rehabilitation Act of 1973; the Equal Educational Opportunities Act of 1974; the Americans with Disabilities Act; the Fair Housing Act; the Voting Rights Act of 1965; and the Civil Rights of Institutionalized Individuals Act.

While SLTT entities may not be generally bound directly by most statutory federal privacy and other civil liberties protection laws in the LPR information collection sharing context, compliance may be required **indirectly** by funding conditions (e.g., Title VI of the Civil Rights Act of 1964), operation of the Commerce Clause of the U.S. Constitution, or a binding agreement between a federal agency and an SLTT entity (e.g., a memorandum of agreement or a memorandum of understanding). When relevant or possibly relevant, entities/agencies are advised to list laws, regulations, and policies within their LPR policy, noting those that may potentially affect the sharing of information.

The development of an LPR policy is primarily designed for entity personnel and authorized users to ensure that they are aware of the legal and privacy framework within which they and the entity must operate. If the applicability and requirements of various laws, regulations, or sharing agreements are not spelled out or referenced in an entity's LPR policy, staff and user accountability is greatly diminished, mistakes are made, privacy violations occur, and the public's (and other agencies') confidence in the ability of the entity to protect LPR information is compromised. When staff members know the rules through sound policy and procedure communicated through ongoing training activity, LPR information sharing is enhanced.

"At the time of this writing there are no federal laws that explicitly govern or limit the use of ALPR technology or taking photographs of things that are plainly visible from public spaces by law enforcement agencies."[20] Many jurisdictions are actively developing or considering legislation that will authorize, limit, and/or restrict the use of ALPR systems and the information they generate. Some examples of specific legislative proposals and legislation that have passed include:

- **Arkansas:** Act 849 of 2015, To Allow the Arkansas Highway Police Division of the Arkansas State Highway and Transportation Department to Utilize the Automatic License Plate Reader System, and Act 1491 of 2013, To Regulate the Use of Automatic License Plate Reader Systems
- **California:** Senate Bill 34 of 2015, Automatic License Plate Recognition Systems: Use of Data
- **Colorado:** House Bill 14-1152, Concerning Passive Surveillance Records of Governmental Entities
- **Florida:** Senate Bill 226
- **Illinois:** SB 1351 - Automated License Plate Recognition System Information Act (2/18/15)
- **Tennessee:** Senate Bill 1664

[20] Automated License Plate Reader Frequently Asked Questions Web page, IACP, www.iacp.org/ALPR-FAQs.

- **Utah:** Senate Bill 196, License Plate Reader Amendments (2013); Senate Bill 222 (LPR amendment; and Senate Bill 51 (LPR Amendment)
- **Maine:** Title 29 Section 2117
- **Maryland:** Senate Bill 699, Automatic License Plate Readers and Captured Plate Data – Authorized Uses
- **Minnesota:** Senate Bill 86, A bill for an act relating to data practices; classifying data related to automated license plate readers and requiring a governing policy; requiring a log of use; requiring data to be destroyed in certain circumstances; and requiring a report
- **North Carolina:** Senate Bill 182, An Act to Regulate the Use of Automatic License Plate Reader Systems
- **Vermont:** Senate Bill 18, An Act Relating to Privacy Protection[21]

The following are synopses of primary federal laws that an entity should review and, where appropriate, consider citing in an LPR policy to protect the LPR record and any personally identifiable information later associated with the LPR record. As LPR information may be incorporated as one piece of information into a larger case file, the following federal laws may be applicable. The list is arranged in alphabetical order by popular name.

1. **Driver's Privacy Protection Act of 1994, 18 U.S.C. 2721—Prohibition on Release and Use of Certain Personal Information from State Motor Vehicle Records—**Collected LPR information contains no personally identifiable information that may be used to connect a license plate detection to an individual. It is only with permissible purpose that law enforcement may make this connect (using other systems) and this access is governed by the Driver's Privacy Protection Act of 1994.

2. **E-Government Act of 2002, Public Law 107–347, 208, 116 Stat. 2899 (2002**)**—**This act requires federal agencies to perform Privacy Impact Assessments (PIAs) for new information technologies that develop or procure new information technology involving the collection, maintenance, or dissemination of information in identifiable form or that make substantial changes to existing information technology that manages information in identifiable form. A PIA is an evaluation of how information in identifiable form is collected, stored, protected, shared, and managed. The purpose of a PIA is to demonstrate that system owners and developers have incorporated privacy protections throughout the entire life cycle of a system. The act requires an agency to make PIAs publicly available, except when an agency in its discretion determines publication of the PIA would raise security concerns or reveal classified (i.e., national security) information or sensitive (e.g., potentially damaging to a nation interest, law enforcement effort, or competitive business interest contained in the assessment) information. Although this act does not apply to SLTT partners, this tool is useful for identifying and mitigating privacy risks and for notifying the public what PII the SLTT agency is collecting, why PII is being collected, and how the PII will be collected, used, accessed, shared, safeguarded, and stored.

3. **Federal Civil Rights Laws, 42 U.S.C. § 1983, United States Code, Title 42, Chapter 21, Subchapter I, § 1983—**This is a federal statute that allows an individual to sue public officials in federal court for violations of the individual's civil rights. Civil rights include the Fourth Amendment's prohibitions against unreasonable search and seizure, violations of privacy rights, and violations of the right to freedom of religion, free speech, and free association. It serves as a deterrent to unlawful collection, use, or sharing of information rather than providing specific authority or a prohibition to the collection, use, or sharing of information.

4. **Federal Driver's Privacy Protection Act (DPPA), 18 USC § 2721-2725**—Restricts access and prohibits the release of personal information from state motor vehicle records to ensure the privacy of citizens.

5. **Federal Records Act, 44 U.S.C. § 3301, United States Code, Title 44, Chapter 33, § 3301**—This chapter contains the laws governing disposal of records made or received by a federal agency in the normal course of business. It discusses purging procedures and notices, if required, and the role of the federal archivist. The law applies only to federal agencies, but there may be similar state or local laws applicable to state and local agencies.

6. **Freedom of Information Act (FOIA), 5 U.S.C. § 552, United States Code, Title 5, Part I, Chapter 5, Subchapter II, § 552—**The federal FOIA, enacted in 1966, provides access to federal agency records or information. It does not, however, allow access to state or local government records. Nearly all states have their own public access statutes that provide access to state- and local-agency records. The interaction of federal and state FOIA laws can create complex issues. Federal statutes, in essence, provide a baseline of legal protections for individuals. While state legislatures may pass laws to supplement these federal guidelines, state laws that interfere with or are contrary to a federal law are preempted. By virtue of the Supremacy Clause of the U.S. Constitution (Article VI, Clause 2), federal law may restrict access to records otherwise available pursuant to a state's FOIA by requiring that certain

[21] For more information on state legislation that was introduced/considered regarding LPRs, refer to the National Conference of State Legislatures, ALPR State Legislation page, www.ncsl.org/research/telecommunications-and-information-technology/2014-state-legislation-related-to-automated-license-plate-recognition-information.aspx; for further information, see ALPR Policy and Privacy, IACP, www.iacp.org/ALPR-Policy.

information be kept confidential. Thus, federal confidentiality requirements may supersede a state FOIA statute mandating public disclosure of a record, but only when there is a specific federal statute (other than the federal FOIA) that mandates the records be kept confidential. In short, records may be available under one FOIA statute but not pursuant to another.

7. **Indian Civil Rights Act of 1968, 25 U.S.C. § 1301 et seq., United States Code, Title 25, Chapter 15, Subchapter I—**This act contains definitions of relevant terms and extends certain constitutional rights to Indian tribes exercising powers of self-government.

8. **National Child Protection Act of 1993, Public Law 103-209 (December 20, 1993), 107 Stat. 2490—**In each state, an authorized criminal justice agency of the state shall report child abuse crime information to or index child abuse crime information in the national criminal history background check system. A criminal justice agency can satisfy the requirement by reporting or indexing all felony and serious misdemeanor arrests and dispositions. The U.S. Attorney General (AG) is required to publish an annual statistical summary of child abuse crimes. The act requires that 80 percent of final dispositions be entered in the state databases by December 1998, with steps being taken toward 100 percent entry.

   A 1994 amendment required that the AG—in consultation with federal, state, and local officials, including officials responsible for criminal history record systems, and representatives of public and private care organizations and health, legal, and social welfare organizations—shall develop guidelines for the adoption of appropriate safeguards by care providers and by the state for protecting children, the elderly, and individuals with disabilities from abuse.

9. **NIST Special Publication 800-53 (Appendix J) *Security and Privacy Controls for Federal Information Systems and Organizations*—**Federal agencies are required to ensure that privacy protections are incorporated into information security planning. To that end, SP 800-53 Rev. 4 features eight families of privacy controls that are based on the FIPPs. The proliferation of social media, Smart Grid, mobile, and cloud computing as well as the transition from structured to unstructured information and metadata environments have added significant complexities and challenges for federal organizations in safeguarding privacy. These challenges extend well beyond the traditional information technology security view of protecting privacy, which focused primarily on ensuring confidentiality. The use of these standardized privacy controls will provide a more disciplined and structured approach for satisfying federal privacy requirements and demonstrating compliance with those requirements. Like their federal partners, SLTT agencies may use the privacy controls when evaluating their systems, processes, and programs.

10. **Privacy Act of 1974, 5 U.S.C. § 552a, United States Code, Title 5, Part I, Chapter 5, Subchapter II, § 552a—**The Privacy Act establishes a code of fair information practices that governs the collection, maintenance, use, and dissemination of information about individuals, which is maintained in systems of records by federal agencies. A system of records is a group of records under the control of an agency from which information is retrieved by using the name of the individual or some identifier assigned to that individual. The Privacy Act prohibits the disclosure of a record about an individual from a system of records absent the written consent of the individual, unless the disclosure is pursuant to one of 12 statutory exceptions. The act also provides individuals with a means by which to seek access to and amendment of their records and sets agency record-keeping requirements. In addition, the Privacy Act requires that agencies give the public notice of their systems of records by publication in the *Federal Register*.

11. **Protection of Sensitive Agency Information, Office of Management and Budget Memorandum M-06-16 (June 2006)—**This memorandum provides a security checklist from the National Institute of Standards and Technology (NIST) to protect remote information removed from or accessed from outside an agency's physical location specific to personally identifiable information (PII). The NIST checklist requires that agencies verify PII in need of protection, confirm the adequacy of organization policy surrounding PII protection, and implement any necessary protections for PII transported or stored off-site or accessed remotely. In addition to the NIST checklist, the memorandum recommends implementing information encryption on all mobile devices, allowing remote access only with two-factor authentication, using timeout functions on devices, and logging all computer-readable information extracts from databases with sensitive information, while verifying that each extract has either been erased within 90 days or its use is still required.

12. **Safeguarding Against and Responding to the Breach of Personally Identifiable Information, OMB Memorandum M-07-16 (May 2007)—**This memorandum applies to federal agency-held information and information systems, requiring development and implementation of a breach notification policy applicable to personally identifiable information in the possession of the agency. Development of a breach notification policy includes a review of existing privacy and security requirements, development of requirements for incident reporting and handling, and procedures for internal and external notification. SLTT agencies that are not subject to an existing breach notification law or policy may use the federal requirements as a template for developing their own breach notification policy.

13. **U.S. Constitution, First, Fourth, Fifth, Sixth, and Fourteenth Amendments—**The Bill of Rights establishes minimum standards for the protection of the

civil rights and civil liberties of Americans. The First Amendment protects religious freedom, speech, the press, the right to peaceably assemble, and the right to petition the government for a redress of grievances. The Fourth Amendment protects the people from unreasonable searches and seizures and requires that warrants be issued only upon probable cause, supported by oath or affirmation, and particularly describing the place to be searched and the individual or things to be seized. The Sixth Amendment establishes the right of an accused individual to a speedy and public trial by an impartial jury, to be informed of the nature and cause of the charges, to confront witnesses, to have compulsory process to obtain witnesses, and to have the assistance of legal counsel. The Fourteenth Amendment addresses citizenship rights and equal protection of the laws. Although the equal protection clause applies explicitly only to state governments, equal protection requirements apply to the federal government through the Fifth Amendment Due Process Clause.

14. **Section 210401 of the Violent Crime Control and Law Enforcement Act of 1994, 42 U.S.C. § 14141—** This is a federal statute that provides that it shall be unlawful for any governmental authority or its agent to engage in a pattern or practice of conduct by law enforcement officers that violates the Constitution or laws of the United States. It authorizes the Attorney General to bring civil actions to obtain injunctive or declaratory relief to eliminate the unlawful or unconstitutional pattern or practice.

Appendix D—Cases and Authorities

A. Fourth Amendment Privacy Law

Katz v. United States, 389 U.S. 347 (1967), provides the foundation for most federal court privacy rulings and doctrines. *Katz* moved away from previous Supreme Court privacy jurisprudence in holding that the Fourth Amendment protects people and not places and departed from the previous "trespass" doctrine of Fourth Amendment protection. Fourth Amendment considerations no longer required a physical invasion or trespass. This case began with federal charges placed against defendant Charles Katz for violating a federal law prohibiting the use of interstate communications for placing wagers and bets. Law enforcement had witnessed Katz making calls from a public telephone booth and thereafter placed microphones on the exterior of the telephone booth in order to eavesdrop on his private conversations. The Court found that no physical invasion of the phone booth had occurred but stated that this was not necessary to constitute a search for purposes of the Fourth Amendment. Rather, *Katz* established a two-prong test to determine whether the Fourth Amendment is implicated and a search has occurred. If an individual, like Katz, has manifested an intent to make the information private *and* society accepts that expectation of privacy as reasonable, then that privacy expectation cannot be violated without following Fourth Amendment warrant requirements. In this case, the Court stated that the defendant assumed his conversations were private because he sought to exclude others when he entered the enclosed telephone booth. The Court concluded, "The government's activities in electronically listening to and recording the petitioner's words violated the privacy upon which he justifiably relied when using the telephone booth and thus constituted a 'search and seizure' within the meaning of the Fourth Amendment."

Smith v. Maryland, 442 U.S. 735 (1979), forms the basis of the "third-party exposure" doctrine of electronic privacy law. In Smith, the government used pen register technology to record the numbers dialed out from a certain phone number. This information was used to convict the defendant of robbery. The defendant challenged the use of the pen register as an illegal search under the Fourth Amendment. The *Smith* Court explained that "[c]onsistently with *Katz*, this Court uniformly has held that the application of the Fourth Amendment depends on whether the individual invoking its protection can claim a 'justifiable,' a 'reason,' or a 'legitimate expectation of privacy' that has been invaded by government action. This inquiry . . . normally embraces two discrete questions. The first is whether the individual, by his conduct, has exhibited an actual (subjective) expectation of privacy' . . . . The second question is whether the individual's subjective expectation of privacy is 'one that society is prepared to recognize as reasonable.'" Id. at 740. The Court held that the defendant did not have a reasonable expectation of privacy in the phone record information because the information was automatically turned over to a third party, the phone company. Even if the defendant had an expectation of privacy in the numbers dialed, it was not one society recognized as reasonable—therefore, there was no Fourth Amendment violation.

United States v. Knotts, 460 U.S. 276, 280 (1983) (citing *Katz v. United States*, 389 U.S. 347 (1967)), examined whether a defendant had a reasonable expectation of privacy when travelling on public streets and highways. In *Knotts*, law enforcement placed a beeper in a drum of chloroform in order to track the movements of the vehicle holding the container. The information derived from the radio beeper led the police to a remote cabin where a warrantless search revealed a drug lab. The Court relied heavily on a quote from ***Smith v. Maryland***, 442 U.S. 735 (1979), elaborating on the principles articulated in *Katz*. See *Knotts*, 460 U.S. at 480-081, quoting *Smith*, 442 U.S. at 740. ("Consistently with

Katz, this Court uniformly has held that the application of the Fourth Amendment depends on whether the individual invoking its protection can claim a 'justifiable,' a 'reason,' or a 'legitimate expectation of privacy' that has been invaded by government action. This inquiry . . . normally embraces two discrete questions. The first is whether the individual, by his conduct, has exhibited an actual (subjective) expectation of privacy' . . . . The second question is whether the individual's subjective expectation of privacy is 'one that society is prepared to recognize as reasonable.'") Applying this test, *Knotts* determined that tracking the vehicle did not constitute a search because an "individual travelling in an automobile on public thoroughfares has no reasonable expectation of privacy in his movements from one place to another" and noted that such movements could have been observed by the naked eye.

United States v. Karo, 468 U.S. 705, 708 (1984), is a case in which a U.S. Drug Enforcement Administration (DEA) agent learned that defendants had ordered 50 gallons of ether from a government informant, who explained that the ether was to be used to extract cocaine from clothing that had been imported into the United States. The government obtained a court order authorizing the installation and monitoring of a beeper in a can of ether, which allowed the government to track the defendant's location. The ether was moved in succession to multiple locations. The information from the beeper led the government to a private residence. Using information derived from the beeper, the government obtained and executed a search warrant, which led to the discovery and seizure of cocaine. Relying on *Katz* and *Knotts*, the Court held that locational information received while the radio transmitter was on public roads was constitutional because Defendant Karo did not have a reasonable expectation of privacy while driving on the roads. However, monitoring the beeper while it was in a private residence, a location that is not opened to visual surveillance, violates the Fourth Amendment rights of those who have a justifiable interest in the privacy of that residence. On this latter holding, the *Karo* Court distinguished *Knotts* on the grounds that the beeper was not monitored while it was located in a private residence.

Kyllo v. United States, 533 U.S. 27 (2001), establishes the Supreme Court rule on advanced technology use in searches. In *Kyllo*, the police suspected the defendant of growing marijuana inside his residence. They utilized thermal imaging equipment to "peer through" the walls of the home and determined the defendant was growing marijuana. The court of appeals upheld the search on the basis that the defendant did not make any effort to conceal the heat emanating from his home and therefore did not have a reasonable expectation of privacy under the Fourth Amendment. The Supreme Court reversed, holding that the thermal imaging infiltrated the home and did constitute a search under the Fourth Amendment. The Supreme Court ruled that it was a search in violation of the Fourth Amendment because the thermal imaging gained information, through technology not generally used by the public that could not have otherwise been gained without physical intrusion of the home, a constitutionally protected area without a warrant.

United States v. Maynard, 615 F.3d 544 (D.C. Cir. 2010), is a case that addressed the constitutionality of the warrantless use of a GPS device by examining the privacy risks associated with prolonged collection of location information. The *Maynard* Court stated that those employing GPS trackers "can deduce whether the individual being tracked is a weekly church goer, a heavy drinker, a regular at the gym, an unfaithful husband, an outpatient receiving medical treatment, an associate of particular individuals or political groups—and not just one such fact about an individual, but all such facts." Id. at 562. Under this theory, discrete bits of data, when compiled and viewed together over time, may create a mosaic of the individual's habits, relationships, and beliefs. The Court thus extended the privacy protections articulated in *Katz* to situations in which extensive tracking of public movements would reveal a composite profile, when compiled, about an individual and thus held that the police action was a search because it defeated the defendant's reasonable expectation of privacy. Accord *United States v. Jones,* 132 S. Ct. *945, 954 (2012)* (Sotomayor, concurring); but see Orin S. Kerr, The Mosaic Theory of the Fourth Amendment, 111 MICH L. REV. 311 (2012)).

United States v. Jones, 132 S. Ct. 945 (2012), is a case involving law enforcement's placement of a Global Positioning System (GPS) device on a subject's car and use of the device to monitor the vehicle's movement on public streets for a four-week period (which extended beyond the period of time and place authorized by a search warrant). Citing *Katz*, the government argued that no search occurred because Jones had no reasonable expectation of privacy in the area of the vehicle accessed by the government and in the locations of the vehicle on the public roads since they were visible to the public. The Supreme Court Justices rejected this argument and unanimously agreed that use of the GPS device constituted a search within the meaning of the Fourth Amendment. The majority explained that a physical intrusion into a constitutionally protected area, coupled with an attempt to obtain information, can constitute a violation of the Fourth Amendment based upon a theory of common law trespass. The majority explained that "the use of longer-term GPS monitoring in investigations of most offenses impinges on expectations of privacy." Additionally, in a separate opinion, Justice Sotomayor explained that it may be time to rethink all police use of tracking technology, not just long-term GPS, reasoning that "GPS monitoring generates a precise, comprehensive record of an individual's public movement that reflects a wealth of detail about her familial, political, religious, and sexual associations . . . .The government can store such records and efficiently mine them for years to come."

The unanimous decision in ***Riley v. California***, 134 S. Ct. 2473 (2014), demonstrated the United States Supreme Court's willingness to extend Fourth Amendment protections to mitigate the privacy risks associated with the use of new technologies. The Court contrasted a search of information on the cell phone with a search of physical items, saying that such analogy is akin to "saying a ride on horseback is materially indistinguishable from a flight to the moon. Both are ways of getting from Point A to Point B but little else justified lumping them together." The Court also emphasized that "the fact that technology now allows an individual to carry such information in his hand does not make the information any less worthy of the protection for which the Founders fought. Our answer to the question of what police must do before searching a cell phone-seized incident to an arrest is accordingly simple—get a warrant."

B. ALPR and Privacy Law

New Jersey v. Donis, 157 N.J. 44 (N.J. 1998). The New Jersey Supreme Court has held that police are permitted to randomly (i.e., without probable cause) check a license plate number against the state DMV database of any vehicle they encounter while on patrol, accessing only public information such as registration, license status, and whether the car has been reported as stolen. If the inquiry discloses a basis for further police action, then the officer may access the personal information of the registered owner. This case establishes a nondisclosure rule to protect the legitimate privacy interests of motorists.

United States of America v. Curtis Ellison, 462 F.3d 557 (6th Cir. 2006), *cert. denied*, 552 U.S. 947 (2007). The United States Court of Appeals for the Sixth Circuit held that random license plate checks are not an unconstitutional invasion of privacy and that "so long as the officer had a right to be in a position to observe the defendant's license plate, any such observation and corresponding use of the information on that plate does not violate the Fourth Amendment." In reaching this holding, the *Ellison* Court relied on a central tenet of Fourth Amendment jurisprudence established in ***Katz v. United States***, 389 U.S. 347 (1967)—"that the Fourth Amendment protects only what an individual seeks to keep private," and recognized that "objects falling in the plain view of an officer who has a right to be in the position to have that view are subject to seizure . . . ." Id. at 561 (*internal citation omitted*). The court analogized license plates to an automobile's Vehicle Identification Number (VIN), "located inside the passenger compartment, but visible from outside the car," and noted that a VIN does not receive Fourth Amendment protection. Like a VIN, the purpose of a license plate number is "to provide identifying information to law enforcement officials and others." Quoting and applying the reasoning in ***New York v. Class***, 475 U.S. 106 (1986), regarding VINs, the *Ellison* Court determined that "because of the important role played by the [license plate] in the pervasive governmental regulation of the automobile and the efforts by the Federal Government to ensure that the [license plate] is placed in plain view," a motorist can have no reasonable expectation of privacy in the information contained on it. ***Ellison***, 462 F.3d at 561, quoting ***Class***, 475 U.S. at 114.

The ***Ellison*** Court also rejected the notion that the entry of the license plate number into a law enforcement database creates a privacy interest in the nonprivate information retrieved in response to a query, reasoning that "[t]he obvious purpose of maintaining law enforcement databases is to make information, such as the existence of outstanding warrants, readily available to officers carrying out legitimate law enforcement duties." In fact, the computer investigation in this case was "far less invasive than other government actions that fall" outside the purview of the Fourth Amendment. ***Ellison***, 462 F.3d at 562, citing ***Oliver v. United States,*** 466 U.S. 170, 177, 104 S.Ct. 1735, 80 L.Ed.2d 214 (1984) (entering private property with "No Trespassing" signs to observe marijuana plants in an "open field" not visible from outside the property); ***Dow Chemical Co. v. United States,*** 476 U.S. 227, 239, 106 S.Ct. 1819, 90 L.Ed.2d 226 (1986) (photographing an industrial complex with a precision aerial mapping camera); ***California v. Ciraolo,*** 476 U.S. 207, 213-14, 106 S.Ct. 1809, 90 L.Ed.2d 210 (1986) (using aerial surveillance in public airspace to observe the curtilage of a private residence); and ***Smith v. Maryland,*** 442 U.S. 735, 745-46, 99 S.Ct. 2577, 61 L.Ed.2d 220 (1979) (placing a pen register on a phone line to record the numbers dialed from a private residence). This case is distinguishable from a situation in which the police use a technology not available to the public to discover evidence that could not otherwise be obtained without "intrusion into a constitutionally-protected area." ***Kyllo v. United States,*** 533 U.S. 27, 34-35, 121 S.Ct. 2038, 150 L.Ed.2d 94 (2001) (holding that the use of thermal-imaging technology to detect heat inside a private home violates the Fourth Amendment). The ALPR technology used in this case does not enable law enforcement to access any previously unobtainable information; it simply allows them to access information more quickly. Given that the information was obtained without intruding upon a constitutionally protected area, the *Ellison* Court held that there was no "search" for purposes of the Fourth Amendment. ***Ellison***, 462 F.3d at 563, citing ***United States v. Matthews,*** 615 F.2d 1279, 1285 (10th Cir. 1980); ***United States v. Walraven,*** 892 F.2d 972, 974 (10th Cir.1989); ***Olabisiomotosho v. City of Houston,*** 185 F.3d 521, 529 (5th Cir.1999); ***United States v. Sparks,*** 37 Fed. Appx. 826, 829 (8th Cir.2002); ***Hallstein v. City of Hermosa Beach,*** 87 Fed.Appx. 17, 19 (9th Cir.2003); ***United States v. $14,000.00 in U.S. Currency,*** No. 98-4380, 2000 WL 222587, at *3 (6th Cir. Feb. 14, 2000) (finding no Fourth Amendment violation in a computer check of a license plate); ***United States v. Batten,*** 73 Fed. Appx. 831, 832 (6th Cir. 2003; *see also* **WAYNE R. LAFAVE**, 1 Search & Seizure § 2.5(b) (4th ed. 2004).

The decision in ***Ellison*** has been extensively cited for the proposition that a "motorist has no reasonable expectation of privacy in information contained on his license plate under the Fourth Amendment." See, e.g., ***Yamba v. Harper***, 2010 U.S. Dist. LEXIS 21288 (W.D. Pa. Mar. 9, 2010); ***Cincerella v. Egg Harbor Twp. Police Dep't***, 2009 U.S. Dist. LEXIS 22950 (D.N.J. Mar. 23, 2009); ***United States v. Crooks***, 2008 U.S. Dist. LEXIS 35189 (D. Del. Apr. 29, 2008); ***United States v. Lurry***, 2010 U.S. Dist. LEXIS 118494 (W.D. Tenn. Nov. 8, 2010); ***Brooks. v. Pickett***, 2008 U.S. Dist. LEXIS 27796 (E.D. Mich. Apr. 7, 2008); ***United States v. Miranda-Sotolongo***, 2016 U.S. App. LEXIS 11816 (7th Cir. Ill. June 28, 2016); ***United States v. Diaz-Castaneda***, 494 F.3d 1146, 2007 U.S. App. LEXIS 17005 (9th Cir. Or. 2007); ***Martinez v. State***, 2010 Del. Super. LEXIS 195 (Del. Super. Ct. Apr. 29, 2010); ***Milam v. Commonwealth***, 2013 Ky. App. Unpub. LEXIS 992 (Ky. Ct. App. Aug. 30, 2013); ***Gentry v. Commonwealth***, 2012 Ky. App. Unpub. LEXIS 1040 (Ky. Ct. App. Oct. 12, 2012); ***State v. Sloan***, 193 N.J. 423, 939 A.2d 796, 2008 N.J. LEXIS 22 (2008).

C. Implications of Automation

U.S. Department of Justice v. Reporters Committee for Freedom of the Press, 489 U.S. 749 (1989). The U.S. Supreme Court acknowledged the distinction between public records that might result from a diligent search of courthouse files, county clerks' offices, and local police stations throughout the United States and a computerized summary maintained in a single clearinghouse of information. The Court held that the electronic compilation of otherwise publicly available but hard to obtain information changed the privacy interest implicated by disclosure of that compilation. The process of automation overcame the "practical obscurity" associated with manually collecting and linking the public records associated with a particular individual into a comprehensive criminal history record. (Note: The Society of American Archivists defines *practical obscurity* as "the principle that private information in public records is effectively protected from disclosure as a result of practical barriers to access." *Practical Obscurity*, SOC'Y AM. ARCHIVISTS, available at http://www2.archivists.org/glossary/terms/p/practical-obscurity.)

D. Civil Rights and Civil Liberties

Green v. City & County of San Francisco, 751 F.3d 1039 (9th Cir. 2014), arose out of a vehicular stop performed by an officer after the agency's automatic license plate reader mistakenly identified the car that a woman was driving as a stolen vehicle. She was stopped, held at gunpoint by multiple officers, handcuffed, forced to her knees, and detained for up to 20 minutes and released once the officers ran her plate and discovered the ALPR mistake and that her vehicle was not stolen. The Ninth Circuit Court of Appeals reversed the district court's grant of summary judgment in favor of the defendant, reinstating the plaintiff's claims of a Fourth Amendment violation and instructing that such claims raised questions of fact for a jury. See also **Department of Homeland Security, *Privacy Impact Assessment for the Acquisition and Use of LPR Information from a Commercial Service,*** at 7 (2013), citing ***Green***, 751 F.3d 1039, and identifying misidentification of a vehicle and its occupants as a privacy risk. ("A license plate read sent to ICE may be incomplete or inaccurate because the license plate is bent, dirty, or damaged, or because the individual reading the numbers makes an error. This can result in the misidentification of a vehicle and its occupants.")

$14,000 in U.S. Currency, 211 F.3d 1270, 2000 U.S. App. Lexis 2429 (6th Cir. 2000). The claimant filed a motion to suppress the $14,000 subject to the forfeiture proceedings, arguing constitutional violations. With regard to the claimant's Fourteenth Amendment claim, the court acknowledged that "it would violate the Equal Protection Clause of the Fourteenth Amendment for an officer to run computer checks in an 'intentionally racially discriminatory manner," citing ***United States v. Travis,*** 62 F.3d 170, 174 (6th Cir. 1995), cert. denied in 516 U.S. 1060, 116 S. Ct. 738 (1996) ("consensual searches may violate the Equal Protection Clause when they are initiated solely based on racial considerations"). The claimant's Equal Protection claim was rejected by the court because the claimant failed to meet his burden of proof of establishing that the officer decided to conduct the computer check of his license plate based solely upon the race of the claimant and the other occupant in the car.

E. Guidance and Policy

International Association of the Chiefs of Police, *Automated License Plate Recognition Systems: Policy and Operational Guidance for Law Enforcement*, at 32 (2012), advising that agencies using ALPR technology should address a range of privacy issues, including "[w]hat ALPR information is collected, how the information is collected, how long the information are retained, who can access the information and for what purposes, and what kind of analytic tools and methodologies are available to query and use ALPR information."

U.S. Department of Homeland Security, *Privacy Impact Assessment for the Acquisition and Use of LPR Information from a Commercial Service,* at 7 (2013), available at https://www.dhs.gov/sites/default/files/publications/privacy-pia-ice-lpr-march2015.pdf. As explained in this PIA, U.S. Immigration and Customs Enforcement (ICE) uses information obtained from LPRs as one investigatory tool in support of its criminal investigations and civil immigration enforcement actions (i.e., in furtherance of open cases, investigations, or ongoing enforcement actions and only when

necessary based on a law enforcement need). This PIA assesses the potential impact of the use of information obtained from LPRs on the civil liberties of the public and explains the measures to be put in place, in addition to the framework of privacy and civil liberties protections, to mitigate such concerns.

U.S. Department of Justice, *Guidance for Federal Law Enforcement Agencies Regarding the Use of Race, Ethnicity, Gender, National Origin, Religion, Sexual Orientation, or Gender Identity* (December 2014), at https://www.justice.gov/sites/default/files/ag/pages/attachments/2014/12/08/use-of-race-policy.pdf, articulating the standards that should guide use by federal law enforcement officers of race, ethnicity, gender, national origin, religion, sexual orientation, and gender identity in law enforcement or intelligence activities.

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Appendix E—Sample LPR Policy

The following is a sample LPR Policy that contains all of the sample policy language shown after each question in the template section of this document. However, while drafting an LPR policy using this language, it is important that the policy author still review each question and its associated guidance in the template section in tandem with customizing this language. To assist with this task, the policy language contained here mirrors the same structure and policy categories as those reflected in the template so that the template questions may be followed, item by item, while customizing this language. Further, it is critical that entities drafting a policy not cut and paste this language and use it as is, without making modifications. There are many areas that prompt for insertions and entity customization. These are shown **bolded and in brackets [ ]**. Also, this policy may not cover all concepts that are unique to your entity's specific LPR program or there may be provisions that are not applicable that should be deleted. Throughout the sample policy, law enforcement entities are encouraged to enhance language with references to applicable statutes, rules, standards, or policies.

Finally, since this guidance resource promotes transparency with the public, entities should ensure their policy is written not only for the understandability of entity personnel but also for the understandability of members of the public. While some of the provisions here may reflect concepts and processes long understood and integrated into the daily work of law enforcement such that an entity may not feel they are necessary in the policy, they are still provided here for the purposes of informing the general public, who may not be aware of such processes, and articulating the entity's position and procedures for protecting privacy, civil rights, and civil liberties throughout the entity LPR program.

A. Purpose Statement

1. It is the purpose of this policy to provide **[name of entity]** personnel with guidelines and principles for the collection, access, use, dissemination, retention, and purging of LPR information to ensure that the information is used for legitimate law enforcement purposes only and that privacy, civil rights, and civil liberties of individuals are not violated. The Fair Information Practice Principles (FIPPs) form the core of the privacy framework for this policy.

This policy assists **[name of entity]** and its personnel in:

- Increasing public safety and improving state, local, tribal, territorial, and national security.
- Minimizing the threat and risk of injury to specific individuals.
- Minimizing the threat and risk of physical injury or financial liability to law enforcement and others responsible for public protection, safety, or health.
- Promoting governmental legitimacy and accountability.
- Minimizing the potential risks to individual privacy, civil rights, civil liberties and other legally protected interests.
- Protecting the integrity of the criminal investigatory, criminal intelligence, and justice system processes and information.
- Minimizing the threat and risk of damage to real or personal property.
- Increasing trust by maximizing transparency.
- Making the most effective use of public resources allocated to public safety entities.

2. The provisions of this policy are provided to support authorized uses of LPR information. Authorized uses may include the following **[include any of the following purposes or others that apply to the entity]**:

- Enhance **[insert state]**'s AMBER/SILVER or other law enforcement alerts and real-time response capability by deploying and networking LPRs across the state to more rapidly identify and locate vehicles related to potential child-abduction or other serious crimes.
- Alert law enforcement that a particular license plate on a "hot list" (e.g., a stolen vehicle or a vehicle associated with a wanted individual) is in close proximity to an LPR to dramatically reduce the recovery time of stolen vehicles and assist in locating dangerous and wanted individuals.
- Identify plates associated with potential witnesses and/or victims of violent crime.
- Support **[name of entity]**'s homeland security mission by protecting critical infrastructure from individuals who intend to damage or disrupt the systems and locations that allow for travel and the free flow of commerce.
- Identify vehicles linked to stolen license plates or other motor vehicle traffic violations.
- Provide situational awareness for law enforcement related to public safety or otherwise relevant to their authorized duties.
- Support local, state, federal, and tribal public safety departments in the identification of subjects associated with/as targets of criminal investigations.
- Support law enforcement response to critical incident responses and special events.
- Support special operations, such as high-crime-area patrols, gang investigation/suppression, driving under the influence initiatives, enforcement details, directed criminal investigations, and other investigations.

B. Policy Applicability and Legal Compliance

1. This policy applies to LPR information collected or received, accessed, used, disseminated, retained, and purged by the **[name of entity]**. It is not intended to apply and does not apply to any other types of information accessed, retained, or used by the **[name of entity]**.

2. All **[name of entity]** personnel, participating agency personnel and authorized individuals working in direct support of **[name of entity]** personnel (such as interns), personnel providing information technology services to the **[name of entity]**, private contractors, and other authorized users will comply with the **[name of entity]**'s LPR policy. This policy applies to information the **[name of entity]** collects or receives, accesses, uses, disseminates, retains, and purges.

3. The **[name of entity]** will provide a printed or electronic copy of this LPR policy to all:

- **[name of entity]** and non-**[name of entity]** personnel who provide services.
- Participating agencies.
- Individual authorized users.

The **[name of entity]** will require both a written acknowledgement of receipt of this policy and a written agreement to comply with this policy and the applicable provisions it contains.

4. All **[name of entity]** personnel, participating agency personnel and authorized individuals working in direct support of **[name of entity]** personnel (such as interns), personnel providing information technology services to the **[name of entity]**, private contractors, agencies from which **[name of entity]** information originates, and other authorized users will comply with applicable laws and policies concerning privacy, civil rights, and civil liberties, including, but not limited to **[include a specific reference to any relevant state statutes or other binding state or local policy specific to LPR systems, then provide a list of other applicable state and federal privacy, civil rights, and civil liberties laws or include a reference to the section or appendix containing a list of applicable law]**. As part of this process, all individuals working with LPR information will complete the applicable training as directed by **[name of entity]**.

C. Governance and Oversight

1. Primary responsibility for the operation of the **[name of entity]**; its justice information systems, operations, and the coordination of personnel; the receiving, seeking, retention, evaluation, information quality, use, purging, sharing, disclosure, or dissemination of information; and the enforcement of this policy is assigned to the **[position/title]** of the **[name of entity]**.

2. The **[name of entity]**'s **[insert title]** will designate an LPR Administrator who will be responsible for the following **[include any of the following responsibilities that apply to the LPR Administrator or other responsibilities]**:

- Overseeing and administering the LPR program.
- Ensuring that stored LPR information is automatically purged from the LPR database, unless determined to be of evidentiary value (refer to Section K.1, Information Retention and Purging).

- Confirming, through random audits, that LPR information is purged in accordance with this policy.
- Acting as the authorizing official for individual access to the LPR information.
- Ensuring and documenting that all personnel with authorized access to LPR information are trained prior to using the system.
- Conducting audits to ensure compliance with applicable laws, regulations, standards, and policy.

3. The **[name of entity]** is guided by a **[insert guiding authority, for example, a "designated LPR oversight committee"]** that liaises with the community to ensure that privacy, civil rights, and civil liberties are appropriately protected by this LPR policy and by the **[name of entity]**'s LPR information collection, receipt, access, use, dissemination, retention, and purging processes and procedures.

Approach 1: The committee will annually review and update the LPR policy in response to changes in law and implementation experience, including the results of audits and inspections and will solicit input from stakeholders on the development or proposed updates to the LPR policy.

Approach 2: The committee will annually review and update the LPR policy in response to changes in law and implementation experience, including the results of audits and inspections and provide notice to and solicit comment from the public on the development or proposed updates to the LPR policy.

4. The **[insert title of individual or name of entity]** will receive reports regarding alleged errors and violations of the provisions of this LPR policy, will receive and coordinate complaint resolution under the **[name of entity]**'s LPR redress policy, and will ensure that privacy, civil rights, and civil liberties protections are implemented through efforts such as training, business process changes, and system designs that incorporate privacy-enhancing technologies. The **[insert title of individual but not the name or name of entity]** may be contacted at the following address: **[insert mailing address or e-mail address]**.

5. The **[name of entity]**'s **[insert title]** will ensure that enforcement procedures and sanctions outlined in **[insert section number of policy (see Section L.3, Enforcement)]** are adequate and enforced.

D. Definitions

1. For examples of primary terms and definitions used in this LPR policy, refer to **[insert section or appendix citation]**.

E. Acquiring and Receiving LPR Information

1. The **[name of entity]**, through its **[insert name of the entity's LPR program]**, will directly collect and retain LPR information that:

- Is based on a potential threat to public safety or the enforcement of the criminal law, or
- Is based on reasonable suspicion that an identifiable individual or organization has committed a criminal offense or is involved in or planning criminal (including terrorist) conduct or activity that presents a threat to any individual, the community, or the nation and that the information is relevant to the criminal conduct or activity, or
- Is relevant to the investigation and prosecution of suspected criminal (including terrorist) incidents; the resulting justice system response; the enforcement of sanctions, orders, or sentences, or
- Is directly related to an investigation or mission of the law enforcement entity, and
  - The source of the information is reliable and verifiable or limitations on the quality of the information are identified, and
  - The information was collected in a fair and lawful manner (e.g., it does not infringe on the federal or state constitutional rights of any individual, group, or organization).

The **[name of entity]** will indirectly acquire LPR information from **[list other law enforcement agency or agencies]** in accordance with **[insert mechanisms, e.g., MOU, law, intergovernmental or interagency agreement]** established between the **[name of entity]** and the law enforcement agency(ies).

2. The **[name of entity]** will query **[insert name of law enforcement or commercial database]** LPR information that:

- Is based on a possible threat to public safety or the enforcement of the criminal law, or
- Is based on reasonable suspicion that an identifiable individual or organization has committed a criminal offense or is involved in or planning criminal (including terrorist) conduct or activity that presents a threat to any

individual, the community, or the nation and that the information is relevant to the criminal (including terrorist) conduct or activity, or
- Is relevant to the investigation and prosecution of suspected criminal (including terrorist) incidents; the resulting justice system response; the enforcement of sanctions, orders, or sentences; or the prevention of crime, or
- Is directly related to an investigation or mission of the law enforcement entity, and
  - The source of the information is reliable and verifiable or limitations on the quality of the information are identified, and
  - The information was collected in a fair and lawful manner.

3. Hot-list information is considered confidential information to the extent permitted by law and will be updated **[insert time period(s)]** each day. Officers assigned an LPR unit are responsible for ensuring they are operating with the most current hot list (at minimum) at the beginning of each shift, including information files of stolen and "of interest" vehicles containing all of the current National Crime Information Center (NCIC) information. Department members will query their LPR system to ascertain whether there is a prior read of the license plate that is the subject of the particular alert, bulletin, or alarm. Proactive manual entry of LPR hot lists in the field is permitted for:

- Dispatched reports of crimes—"Be On the Lookouts" (BOLOs) or AMBER, SILVER, or other law enforcement alerts in which a license plate number is part of the broadcast; or
- When directed or authorized for a legitimate law enforcement purpose.

4. The **[name of entity]** and any information-originating entities will not seek, submit, or retain LPR information about individuals or organizations based solely on their religious, political, or social views or activities; their participation in a particular noncriminal organization or lawful event; or their race, ethnicity, citizenship, place of origin, age, disability, gender, gender identity, sexual orientation, or other classification protected by law.

5. **[Name of entity]** LPR cameras may be mobile (mounted on vehicles) or stationary (mounted to a structure). A standard LPR record contains, at a minimum, an optical character recognition (OCR) interpretation of the captured image, a photo of the license plate and a contextual photo of an area surrounding the plate that could range from a few inches to a larger area around the entire vehicle, the geographic coordinates of where the image was captured, the date and time of the recording, and the specific camera/unit that captured the image.

6. **[Name of entity]**-accessed LPR information contains images of license plates that are available to public view (e.g., vehicles that are on a public road or street or that are on private property but whose license plates[s] are visible from a public road, street, or place to which members of the public have access, such as the parking lot of a shop or other business establishment) and that identify specific vehicles. Retained LPR information does not include specific identification of individuals. Separate video surveillance images of the same location or images from private cameras will not be associated with LPR data unless a specific image is required to investigate or document a violation in accordance with the authorized purposes described in this section.

License plate numbers and date/time location collected through an LPR may not be, when taken alone, sufficient to identify the individual associated with the vehicle. The **[name of entity]** may be able to link the LPR information to an individual through additional use and combination with other information, such as a check of vehicle registration. Thus, even though the LPR information the **[name of entity]** accesses may be the result of an LPR system's automated collection of license plate numbers, it is the investigation process that identifies individuals. Refer to Section H.2 for information on the **[name of entity]**'s LPR validation procedure or to Appendix A, Glossary of Terms and Definitions, for more information on LPR information.

Approach 1:
The **[name of entity]** protects all LPR information as personally identifiable information (PII) because LPR information may be combined with other information to specify a unique individual (i.e., the identity of an individual could be directly or indirectly inferred by using information that is linked or linkable to that individual). The **[name of entity]** collects, receives, accesses, uses, disseminates, retains, and purges LPR information because it can be linked to an individual to further an authorized mission. **[For those entities that withhold LPR information from public release using the privacy exemption under public records laws, Approach 1 should be selected.]**

Approach 2:
In the absence of the investigation process, the license plate number and the time and location data attached to it may not identify a specific person. Thus, even though the **[name of entity]**'s LPR systems automate the collection of license plate numbers, it is the investigation process that identifies individuals. Refer to Section H.2 for information on the **[name of entity]**'s LPR validation procedure or to Appendix A, Glossary of Terms and Definitions, for more information on LPR information.

Databases of LPR information do not contain alert lists based on strictly civil matters. In addition, LPR information does not contain audio recordings.

7. Per the **[name of entity]** policy of nondiscrimination noted in Section E.4, the pattern and frequency of stationary camera placement will be assessed **[note frequency]** to confirm nondiscriminatory placement.

8. The hardware and software licenses associated with the **[name of entity]**'s LPR system are the property of **[insert name of owning agency]**, regardless of whether the system has been purchased, leased, or acquired as a service. All deployments of the LPR system are for official use only (FOUO). All information captured, stored, generated, or otherwise produced by an LPR system is the property of the **[insert name of owning agency]**, regardless of where the information is housed or stored.[1]

9. LPR information collection and investigative techniques used by the **[name of entity]** and by LPR information-originating agencies must be the least intrusive as necessary in the particular circumstances to collect LPR information the **[name of entity]** is authorized to seek or retain.

10. The **[name of entity]** will contract only with commercial LPR database companies that provide an assurance that their methods for collecting, receiving, accessing, disseminating, retaining, and purging LPR information comply with applicable local, state, tribal, territorial, and federal laws, statutes, regulations, and policies and that these methods are not based on misleading information collection practices.

11. The **[name of entity]** will not directly or indirectly seek, receive, accept, or retain LPR information from:

- An individual who or nongovernmental agency that may receive a fee or benefit for providing the LPR information, except as expressly authorized by law or **[name of entity]** policy, and/or
- An individual who or information provider that is legally prohibited from obtaining or disclosing the LPR information.

F. Use of LPR Information

1. Access to or disclosure of LPR information will be provided only to individuals within the **[name of entity]** or in other governmental agencies who are authorized to have access and only for legitimate law enforcement purposes (e.g., enforcement, reactive investigations) and to IT personnel charged with the responsibility for system administration and maintenance. This means that queries and dissemination of LPR information are permitted only if:

- There is a legal basis requiring these actions, or
- There is reasonable suspicion that an individual or enterprise is involved in criminal conduct or activity, and
  - The LPR information is relevant to that suspected criminal conduct or activity and the requestor has a legitimate need to know.

Authorized uses are described in A.2 of this policy. However, the **[name of entity]** accords special consideration to the collection of LPR information relating to First Amendment-protected events and will articulate a legal or justified basis for such collection during the planning assessment and approval process for the particular event, before proceeding with the collection.[2]

2. The **[name of entity]** will prohibit access, use, or dissemination of LPR information for:

- Any purpose that violates the Constitution or laws of the United States, including the protections of the Fourth Amendment.
- Non-law enforcement or personal purposes.
- Discriminatory purposes.
- The purpose of prohibiting, infringing upon, or deterring individual activities protected by the First Amendment, such as freely practicing one's religion, freedom of speech and peaceful assembly, freedom of the press, and the right to petition the government for the redress of grievances.[3]
- The purpose of prohibiting or deterring lawful individual exercise of other rights, such as freedom of association, implied by and secured by the U.S. Constitution or any other constitutionally protected right or attribute.
- Harassing and/or intimidating any individual or group.
- Targeting of any individual or group by means of camera placement or data use in a discriminatory manner, noted in Section E.4.
- Any other access, use, disclosure, or retention that would violate applicable law, regulation, or policy.

3. In addition, the **[name of entity]** will employ credentialed, role-based access criteria, as appropriate, to control:

   - The LPR information to which a particular group or class of users may have access based on the group or class.
   - The assignment of roles (e.g., administrator, manager, operator, and user).
   - The categories of LPR information that a class of users are permitted to use in order to update a hot list, including information being utilized in specific investigations.
   - Any administrative or functional access required to maintain, control, administer, audit, or otherwise manage the information or equipment.

G. Sharing and Dissemination of LPR Information

1. The **[name of entity]** will establish requirements for any external agency requesting access to the **[name of entity]**'s LPR information. These requirements will be documented in an interagency agreement/memorandum of understanding and will include an assurance from the external agency that it complies with the laws and rules governing those individual agencies, including applicable federal and state laws.

2. The **[name of entity]**'s LPR information **will not** be:

   - Sold, published, exchanged, or disclosed to commercial or private entities or individuals except as required by applicable law and to the extent authorized by the **[name of entity]**'s agreement with a commercial vendor.
   - Disclosed or published without prior notice to the originating entity that such information is subject to disclosure or publication. However, the **[name of entity]** and the originating agency may agree in writing in advance that the **[name of entity]** will disclose LPR information as part of its normal operations, including disclosure to an external auditor of the LPR information.
   - Disclosed on a discretionary basis unless the originating agency has provided prior written approval or unless such disclosure is otherwise authorized by the memorandum of understanding or agreement between the **[name of entity]** and the originating agency.
   - Disclosed to unauthorized individuals.

3. The **[name of entity]** will not confirm the existence or nonexistence of LPR information to any individual or agency that would not be authorized to receive the information unless otherwise required by law.

H. Information Quality Assurance

1. Original LPR information will not be altered, changed, or modified in order to protect the integrity of the data. Any changes will be maintained as a separate and additional record, and such record will be identified as having been modified.

2. Whenever a license plate reader alerts on license plate information, prior to taking any law enforcement action, officers will be required, to the fullest extent possible, to visually verify that the actual vehicle license plate information matches the license plate information used and alerted upon by the LPR system, including both alphanumeric characters of the license plate and the state of issuance; verify the current status of the plate as active through **[insert name of source, such as mobile information terminal [MDT] query, NCIC, etc.]**; and confirm whether the alert pertains to the registrant of the car or the car itself. Receipt of an LPR alert for a stolen or felony vehicle may not rise to the level of reasonable suspicion and is not sufficient probable cause to arrest without confirmation that the alert is still valid and active. If the alert is for another type of transaction, the officer will read the description of the alert and follow the appropriate action or reporting method. If an LPR alert cannot be verified both visually and for validity, then law enforcement should not act on the alert and it should be rejected.

   If the officer witnesses a violation of law or other action that establishes reasonable suspicion for a stop, the officer may conduct a stop based on that reasonable suspicion. This provision shall not prevent a law enforcement officer from taking immediate action when a verifiable emergency situation exists for officer safety.

   On each resulting alert, the officer is required to enter a disposition indicating the action taken or not taken on the alert.

3. The **[name of entity]** will perform routine maintenance, upgrades, calibration, and refreshes of all LPR equipment and components to ensure proper functionality, including the following:

   - At the beginning of a shift, officers will visually inspect the exterior cameras to ensure the lenses are clear and the cameras have not been altered in any way.

- Designated, trained personnel shall check LPR equipment on a regular basis to ensure functionality and proper camera alignment.
- Any equipment that falls outside expected functionality shall be removed from service until deficiencies have been corrected.
- Officers will not attempt to disconnect, modify, or change the LPR equipment or software unless authorized to do so.
- Damage or other malfunctions to the equipment will be reported to the **[insert position/title]**.
- The LPR equipment and components will not be transferred to another vehicle except with the prior, written approval of the LPR Administrator.

4. The **[name of entity]** will investigate, in a timely manner, alleged errors and deficiencies of LPR information or, if applicable, will request that the originating agency or vendor investigate the alleged errors and deficiencies.

5. The **[name of entity]** will correct, notate, delete, or refrain from using LPR information the **[name of entity]** originated and found to be erroneous or deficient. Originating agencies external to the **[name of entity]** are responsible for reviewing the quality and accuracy of the LPR information provided to the **[name of entity]** and must take reasonable steps to correct or amend the information upon learning that it is inaccurate or deficient. The **[name of entity]** will review the quality of LPR information it has received from an originating agency or vendor and will advise the appropriate point of contact, in writing or electronically, when its LPR information is alleged, suspected, or found to be erroneous or deficient.

6. The **[name of entity]** will use written or electronic notification to inform recipient agencies **[or, if applicable, use the phrase "inform the consolidated system"]** when LPR information previously provided is erroneous or deficient. In addition, the **[name of entity]** will take reasonable steps to correct or amend the information provided to the external agency in order to ensure accuracy and sufficiency to the extent possible.

I. Redress

I. 1 Disclosure

1. LPR information will be disclosed to the public in accordance with **[cite applicable public records laws]**. **[If your state law permits disclosure, revise provision to reflect this.]**

2. Upon satisfactory verification (fingerprints, driver's license, or other specified identifying documentation) of his or her identity, an individual is entitled to know the existence of and to review the LPR information about him or her that has been collected or received and retained by the **[name of entity]**. If allowed by state law, the individual may obtain a copy of the LPR information for the purpose of challenging the accuracy or completeness of the information (correction). The **[name of entity]**'s response to the request for LPR information will be made within a reasonable time and in a form that is readily intelligible to the individual. A record will be kept of all requests.

I. 2 Corrections

1. If, in accordance with state law, an individual requests correction of LPR information *originating with the* **[name of entity]** that has been disclosed, the **[name of entity]**'s **[insert title of designee]** will inform the individual of the procedure for requesting corrections, including appeal rights for those requests that are denied in whole or in part. A record will be kept of all requests.

I. 3 Appeals

1. The individual who has requested disclosure or to whom LPR information has been disclosed will be informed of the reason(s) why the **[name of entity]** or originating agency denied the request for disclosure or correction. The individual will also be informed of the procedure for appeal when the **[name of entity]** or originating agency has cited an exemption for the type of information requested or has declined to correct challenged LPR information to the satisfaction of the individual to whom the information relates.

J. Security and Maintenance

1. The **[name of entity and, if applicable, the name of entity's LPR vendor]** will operate in a secure facility protected from external intrusion and will utilize secure internal and external safeguards against network intrusions. Access to **[name of entity]** LPR information from outside the facility will be allowed only over secure networks.

2. All LPR equipment, software, and components will be properly maintained in accordance with the manufacturer's recommendations and/or any published industry standards.

3. The **[name of entity or, if applicable, the name of entity's LPR vendor]** will store LPR information in a manner that ensures that it cannot be added to, modified, accessed, or purged except by personnel authorized to take such actions.

4. Access to **[name of entity]** LPR information will be granted only to personnel whose positions and job duties require such access and who have successfully completed a background check and training.

5. Usernames and passwords to LPR information are not transferrable, must not be shared by **[name of entity]** personnel, and must be kept confidential.

6. User passwords must meet the following standards **[insert rules, such as no English words and a combination of letters, numbers, and at least two symbols]**. The system administrator will ensure that all manufacturer-generated default passwords are replaced with secure passwords before web-based interfaces of the system become operational.

7. Queries made to the **[name of entity]**'s LPR information will be logged into the system identifying the user initiating the query. All user access, including participating agency access, and queries are subject to review and audit.

8. The **[name of entity]** will maintain an audit trail of accessed, requested, or disseminated **[name of entity]**-held LPR information. An audit trail will be kept for a minimum of **[specify the retention period for your jurisdiction/entity for this type of request]** of requests for access to LPR information for specific purposes and of what LPR information is disseminated to each individual in response to the request. Audit logs will include:

- The name and agency of the law enforcement user.
- The date and time of access.
- The specific information accessed.
- The modification or deletion, if any, of the LPR information.
- The authorized law enforcement or public safety justification for access, including a relevant case number if available.

9. To prevent public records disclosure, risk and vulnerability assessments will not be stored with publicly available data.

10. Option 1: State Information Breach Law

The **[name of entity]** will follow the information breach notification guidance set forth in **[cite to applicable law]**. **[To the extent required by the (state) information breach notification law, add:]** The **[name of entity]** will immediately notify the originating agency from which the **[name of entity]** received personal information of a suspected or confirmed breach of such information.

Option 2: No State Information Breach Law

A: Entity Follows Guidance From the Office of Management and Budget (OMB)
The **[name of entity]** will follow the information breach notification guidance set forth in OMB Memorandum M-07-16 (May 2007), available at http://www.whitehouse.gov/OMB/memoranda/fy2007/m07-16.pdf.

B: Entity Adheres to the Following Policy
[If there is no applicable state information breach notification law.] The **[name of entity]** will notify an individual about whom personal information was or is reasonably believed to have been breached or obtained by an unauthorized person and access to which threatens physical, reputational, or financial harm to the individual. The notice will be made promptly and without unreasonable delay following discovery or notification of the access to the information, consistent with the legitimate needs of law enforcement to investigate the release or take any measures necessary to determine the scope of the release of information and, if necessary, to reasonably restore the integrity of any information system affected by this release.

K. Information Retention and Purging

1. All LPR information contained within the **[name of entity]**'s LPR system will be stored for a period not to exceed **[insert a time frame]**. After **[insert time period]**, the information will be automatically purged (i.e., permanently removed from the system).

This retention policy applies only to the LPR information contained in the **[name of entity]**'s LPR system itself. Once an LPR record is downloaded by **[name of entity]** personnel and incorporated into a criminal intelligence record or investigative case file, the LPR information is then considered intelligence or investigative information and the laws, regulations, and policies applicable to that type of information or intelligence govern its use.

If the LPR record has become or there is reason to believe that it will become evidence, including evidence that tends to inculpate or exculpate a suspect, in a specific criminal or other law enforcement investigation or action, the following provisions apply:

a. In those circumstances in which an LPR record is identified as having evidentiary value, the LPR **[insert Administrator or other title]** or designee will review the facts of the specific case and determine whether the information should be retained beyond the established retention period. If it is determined that it is reasonable to believe the information has evidentiary value, the LPR **[insert Administrator or other title]** will authorize the transfer of the applicable record from the LPR system server to **[insert appropriate response; for example, "the entity's case management system" or "a form of digital storage media (CD, DVD, etc.) or other portable storage device"]**.
b. Agencies requiring LPR records to be retained by the **[name of entity]** beyond the established retention period may make a formal, written request to the **[name of entity]** to extend retention. Each request must specify the need for extended retention, the circumstances surrounding the request, the requesting agency's case number, and a specific point of contact within the requesting agency. The **[name of entity]** reserves the right to grant or deny agency requests based on the information provided.

The **[name of entity]** retains the right to remove LPR information earlier than the retention period, based on limitations of information storage requirements and subject to applicable statutory disclosure mandates. Early removal, however, will not be used as a means for intentionally interfering with a lawful complaint or a public records request. The retention period may be modified at any time by the **[name of entity]**, subject to applicable legal requirements.

L. Accountability and Enforcement

L.1. Transparency

1. The **[name of entity]** will be open with the public in regard to LPR information collection, receipt, access, use, dissemination, retention, and purging practices. The **[name of entity]**'s LPR policy will be made available in printed copy upon request and posted prominently on the **[name of entity]**'s Web site **[or Web page]** at **[insert Web address]**.

2. The **[name of entity]**'s **[Privacy Officer, LPR Administrator, or other position title]** will be responsible for receiving and responding to inquiries and complaints about incorrect information or privacy, civil rights, and civil liberties protections in the LPR information system maintained or accessed by the **[name of entity]**. The **[Privacy Officer, LPR Administrator, or other position title]** may be contacted at **[insert mailing address or e-mail address]**.

L.2. Accountability

1. The **[name of entity]** will adopt and follow procedures and practices by which it can ensure and evaluate the compliance of users with system requirements and with the provisions of this LPR policy and applicable law. This will include logging access to LPR information and periodic random auditing of these systems, so as not to establish a discernable pattern that may influence users' actions. These audits will be mandated at least **[insert quarterly, semiannually, annually, or other time period]**, and a record of the audits will be maintained by the **[Privacy Officer, LPR Administrator, or title of designee]** of the **[name of entity]**. Audits may be completed by an independent third party or a designated representative of the **[name of entity]**.

Appropriate elements of this audit process and key audit outcomes will be compiled into a report and may be provided to command staff and oversight entities or governance boards.[4]

[Entities may also release the results of the audit to the public, pursuant to law or as a matter of discretion. Under these circumstances, consider the following options.]

Option 1: The **[name of entity]** will provide, at minimum, an overview to the public to enhance transparency with respect to privacy, civil rights, and civil liberties protections built into the **[name of entity]**'s operations.

Option 2: The **[name of entity]** will also release to the public the full audit, with redactions as necessary to protect the privacy of any individual or group, if appropriate and consistent with jurisdictional requirements.

2. The **[name of entity]**'s personnel or other authorized users shall report errors and suspected or confirmed violations of the **[name of entity]**'s LPR policy to the **[name of entity]**'s **[insert title of LPR Administrator]**.

3. The **[Privacy Officer, LPR Administrator, or other position title]** will review and update the provisions contained in this LPR policy annually and will make appropriate changes in response to changes in applicable law, technology, and/or the purpose and use of the LPR system; the audit review; and public expectations.

L.3. Enforcement

1. If **[name of entity]** personnel, a participating agency, or an authorized user is found to be in noncompliance with the provisions of this policy regarding the collection, receipt, access, use, dissemination, retention, and purging, the **[title of entity Director]** of the **[name of entity]** will:

   - Suspend or discontinue access to information by the **[name of entity]** personnel, the participating agency, or the authorized user;
   - Apply appropriate disciplinary or administrative actions or sanctions;
   - If the authorized user is from an agency external to the **[name of entity]**, request that the user's employer initiate disciplinary proceedings to enforce the policy's provisions; and/or
   - Refer the matter to appropriate authorities for criminal prosecution, as necessary, to effectuate the purposes of the policy.

2. The **[name of entity]** reserves the right to establish the qualifications and number of personnel having access to **[name of entity]** LPR information and to suspend or withhold service and deny access to any participating agency or participating agency personnel violating this LPR policy.

M. Training

1. Before access to **[name of entity]** LPR information is authorized, the **[name of entity]** will require the following individuals to participate in training regarding implementation of and adherence to this LPR policy:

   - All authorized **[name of entity]** personnel.
   - All authorized participating agency personnel.
   - All authorized personnel providing information technology services to the **[name of entity]**.

2. The **[name of entity]**'s LPR policy training program will cover:

   - Purposes of the LPR policy.
   - Substance and intent of the provisions of this LPR policy, and any revisions thereto, relating to collection, receipt, access, use, dissemination, retention, and purging of the **[name of entity]**'s LPR information and the privacy, civil rights, and civil liberties protections on the use of the technology and the information collected or received.
   - Appropriate procedures relating to license plate image quality and mitigating the risks associated with a possible misread by the LPR system.
   - LPR verification process for law enforcement alerts.
   - Originating and participating agency responsibilities and obligations under applicable federal, state, or local law and policy.
   - How to implement the LPR policy in the day-to-day work of the user, whether a paper or systems user.
   - Mechanisms for reporting violations of **[name of entity]** LPR policy provisions.
   - The nature and possible penalties for LPR policy violations, including possible transfer, dismissal, criminal liability, and immunity, if any.

[1] Refer to state law regarding ownership and compliance with open record requests regarding LPR information.

[2] For further information about these processes, see *Recommendations for First Amendment-Protected Events for State and Local Law Enforcement Agencies* at 4, Global Justice Information Sharing Initiative, https://it.ojp.gov/GIST/35/Recommendations-for-First-Amendment-Protected-Events-for-State-and-Local-Law-Enforcement-Agencies.
[3] Ibid. at 6–7 and 11–13.
[4] *Privacy, Civil Rights, and Civil Liberties Audit Guidance for the State, Local, Tribal, and Territorial Intelligence Component*, Global Justice Information Sharing Initiative, https://it.ojp.gov/GIST/181/Privacy--Civil-Rights--and-Civil-Liberties-Audit-Guidance-for-the-State--Local--Tribal--and-Territorial-Intelligence-Component.

FFY2019 Homeland Security Grant Program
State-Share Application Template

SECTION A - Agency Information & Point of Contacts

Agency Name	Department of State Police		
Project Manager		Fiscal Manager	
Email Address		Email Address	
Phone #		Phone #	
Mailing Address		Mailing Address	
Fax #		Fax #	
DUNS #		*SAM Expiration Date	

Project Title	LPR Upgrade Project		
Project Costs	$57,000	Priority (1,2,3)	
Start Date		End Date	

You must include a screen shot / printed form from SAM that includes agency name, address, and expiration date. Applications submitted without this will be considered incomplete and may not be considered for award.

Submission Instructions:

- **Electronic application submissions are due no later than 5:00 p.m. on May 24, 2019.**
- Electronic submissions must include either MS Word version or a signed PDF document.
- Attach SAM Registration
- OGR Risk Assessment Form
- ICIP Form only if applying for communication project
- Email application (Word or PDF) to statesharepc@mass.gov

SECTION B - Project Description

Please provide a clear and comprehensive project description that includes responses to each of the following 8 areas (*maximum 3 pages*):

1. **Describe the proposed project:**

   The Department would like to purchase a new ALPR backend software, corresponding maintenance, database support services and customizations to enhance ALPR capabilities. This will allow the department to enhance its ALPR capabilities and allow more data sharing.

2. Describe the need for the proposed project and the gap(s) that it will fill:

   Outages in backend software has caused mission critical reads not to be stored in the database. Users have been unable to login to the application to perform queries or add hotplates during police operations. Query times have been delayed or not returned and hotlist hit notifications have been delayed or not sent. BOSS 3.6 is currently used to host MSP ALPR data and is not currently under a service or support contract from the software vendor. This project would purchase new software (BOSS 4.0) with maintenance to ensure that any software related issues are resolved in a timely manner and that any new software features are provided. Due to the size of the current database, database tuning and maintenance services would also be provided. This software and support will help reduce outages.

   Data sharing amongst Law Enforcement of hotlist ALPR data is not available in the Department's current version of backend ALPR software. In the event of a mission critical license plate needing to go into a hotlist, it would need to be entered into every backend system hosted throughout the Law Enforcement Community. This slows response, increases error and is a challenge for Law Enforcement during off hours. Reads are also not easily shared across existing backend software systems due to version differences and software vendor incompatibility. BOSS 4.0 will provide hotlist data sharing between other BOSS 4.0 systems and enhance interoperability.

3. Describe the expected outcomes of the project and how they will be measured:

   We expect a reduction of system outages; this will be measured by requesting BOSS Tickets from EOTSS/OTIS

   We expect enhanced features and faster query response time; this will be measured by performance testing and hotlist notification time.

   We expect enhanced read and hotlist interoperability between Agencies interested in sharing ALPR data; this will be measured by successfully joining two BOSS systems and sharing hotlist information.

4. Describe this project's coordination with related initiatives within your organization (if applicable):

   ? This project is related to the Fusion Centers data sharing initiative (COC's??)

5. How will this project be sustained by the organization in the future:

   ?

6. Describe how this project will be managed (i.e., key roles and responsibilities, and subject matter expertise required by this project, including at least the project manager and the contracts management structure):

The Departments ALPR coordinator will be the Project Manager. Assigned technical manager will coordinate with EOTSS, EOPSS, OTIS and the vendor to install and configure the new software and coordinate support services.

7. If applicable, describe the usage plan for equipment:

   The usage will be in accordance with the Departments ALPR policy.

8. If applicable, identify the owners of the proposed assets to be procured:

   No physical equipment will be purchased, just software and related services.

**Please note: All projects must take a statewide approach in addressing identified gaps and needs. Projects that primarily address day-to-day operational gaps or issues of individual jurisdictions/agencies will not be considered for funding.*

SECTION C - Project Continuation/Extension

If this is the continuation of a project previously funded by HSGP funds, please provide the following information (maximum ½ page):

1. The total amount of the award, as well as the federal fiscal year and funding stream dedicated to this previously funded project:

2. A brief summary of past progress:

SECTION D - FFY2019 HSGP State Priorities

Describe how the proposed project supports the FFY2019 HSGP State Priorities (maximum ½ page).

1. Preventing, Responding to and Recovering from an Active Shooter Incident/Complex Coordinated Terrorist Attack

   ALPR technology can be used to find vehicles of interest to prevent or respond to a terrorist attack or active shooter incident. ALPR can also be used to help identify precursor activity or suspicious activity in and around critical infrastructure, special events or large venues.

2. Enhancing Cyber Security

   Identified backend software vulnerabilities will be patched under software maintenance therefore enhancing cyber security

3. Emergency Communications

Not applicable

SECTION E - Mission Areas and Core Capabilities

Identify which Mission Areas and Core Capabilities are addressed through the project. Complete information about Mission Areas and Core Capabilities can be found in the National Preparedness Goal, Second Edition – September 2015 (https://www.fema.gov/media-library/assets/documents/25959).

SECTION E - State THIRA/SPR

Describe how the proposed project addresses capabilities and gaps identified in the latest State THIRA/SPR (maximum ½ page).

SECTION F - Milestones

List the milestones for this project. Milestones must directly relate to project objectives listed above and include (if applicable) procurements and exercises. Milestones must have an estimated start/end date (in MM/YYYY format) and be listed sequentially (minimum of 5, maximum of 10).

Milestones can begin no sooner than 10/1/2019. All projects must be completed by 6/30/2021.

	Milestone	Task/Activity	Start Date	Completion Date
1	Health check	Perform quartile database health check	01/06/2020	01/06/2020
2	System upgrade	Update current software environment	01/20/2020	01/24/2020
3	Data Sharing	Connect BOSS to BOSS	01/15/2020	06/30/2021
4	Health check	Perform quartile database health check	03/06/2020	03/06/2020
5	Health check	Perform quartile database health check	06/06/2020	06/06/2020
6	Health check	Perform quartile database health check	09/06/2020	09/06/2020
7				
8				
9				
10				

SECTION G - Budget Narrative

For each cost category (including personnel) that has an associated funding request for this project, please provide a brief narrative describing what the budget element entails and how the budgeted

amount was determined. Also, please describe other sources of funds that will be sought, or that have been secured (maximum 1 page).

1. Planning:
2. Organization:
3. Equipment: Software, maintenance and support as determined by a quote.
4. Training:
5. Exercises:
6. Construction and Renovation Maintenance:
7. Management & Administration:
8. Consultant/Contractor:
9. Other (please describe):

SECTION G – Cost Categories

Please complete the Budget Table below and refer to the FFY 2018 Homeland Security Grant Program (HSGP) Notice of Funding Opportunity for allowable costs.

Planning	$
Organization	$
Equipment	$57,000
Training	$
Exercises	$
Construction and Renovation[1]	$
Maintenance[2]	$50,000
Management & Administration[3]	$
Consultant/Contractor	$
Other (please describe)	$
Total	$

SECTION G – Budget Detail

[1] Use of HSGP funds for construction and renovation is generally prohibited; however, it can be allowable only when it is a necessary component of a security system at critical infrastructure facilities.
[2] Please refer to DHS Information Bulletin #336 for further detail.
[3] Please review HSGP Guidance for specifics on M+A costs.

Please complete the Budget Detail below, inserting additional rows if needed. For equipment, list the Authorized Equipment List (AEL) Reference number. Not all equipment will be allowable under HSGP (SHSP / UASI) and some will have grant conditions associated with it.
FEMA AEL website: https://www.fema.gov/authorized-equipment-list

Description of Each Proposed Expenditure	AEL # (as applicable)	For equipment, Fixed or Portable	Quantity	Total Cost
			TOTAL	



Privacy impact assessment report for the utilization of license plate readers

September 2009

International Association of Chiefs of Police
515 North Washington Street
Alexandria, Virginia, 22314

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Acknowledgements

The IACP would like to thank the law enforcement practitioners and subject matter experts who volunteered their time, expertise, and experience to create this document. Without their hard work and extraordinary collaboration on the *Privacy Impact Assessment for the Utilization of License Plate Readers* this document would not be possible. Thank you all for your continued commitment, time, energy, and patience. It is truly appreciated.

We would also like to thank the IACP Law Enforcement Information Management Section Board whose support has made this document possible.

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C

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Executive Summary

This document addresses the privacy impact of the enhanced collection, analysis, and dissemination of license plate data made possible by the advent of license plate reader ("LPR") technologies.

Agencies interested in operating a LPR system do not have access to a uniform set of rules governing or even suggesting the appropriate uses and sharing of LPR data. This lack of regulation can cause the public to fear that the information collected by law enforcement agencies through their utilization of LPR systems might be mismanaged or misinterpreted with real-world consequences. Moreover, the potential misuse of LPR data may expose agencies operating such systems to civil liability and negative public perceptions.

The goal of this report is to set forth in a clear and concise manner the impact LPR systems can have on the public's privacy interests and to make recommendations for the development of information management policies intended to govern an agency's operation of a LPR system.

THE NATURE OF LICENSE PLATE READER ("LPR") DATA

License Plate Reader systems consist of high-speed cameras combined with sophisticated computer algorithms capable of converting the images of license plates into computer-readable data. LPR systems typically utilize specialized cameras designed to capture images of license plates, whether from fixed positions or mobile patrol vehicles.

Images of vehicles and license plates are the primary form of information collected by a LPR system. Optical character recognition ("OCR") is performed on these images and the alphanumeric characters on each license plate are rendered into an electronically readable format. LPR systems can attach date, time, and location information to an image.

A license plate number does not identify a specific person; rather it simply identifies a specific vehicle. Although a license plate number may be linked or otherwise associated with an identifiable person, this potential is only realized through a distinct, separate step (e.g., an inquiry to a Secretary of State or Department of Motor Vehicles data system). Absent this extra step, the license plate number and the date, time, and location data attached to it are not personally identifying. Thus, even though LPR systems automate the collection of license plate numbers, it is the investigative process that identifies individuals.

Nevertheless, this Report considers LPR data for official use only and discusses the appropriate protections a law enforcement agency should implement as part of a LPR system.

THE INTERNATIONAL ASSOCIATION OF CHIEFS OF POLICE 2007 RESOLUTION

In 2007, the International Association of Chiefs of Police ("IACP") passed a resolution in support of License Plate Reader (LPR) technology. That resolution strongly encouraged the U.S. Congress to fully fund license plate reader and related digital photographing systems, including interrelated information sharing networks, for the northern and southern borders of the United States. In support of this resolution, the IACP Law Enforcement Information Management ("LEIM") Section set out to develop this Privacy Impact Assessment ("PIA") Report.

TYPES OF PRIVACY RISKS SURROUNDING THE USE OF LPRs

LPR systems have the potential to reveal to the government individuals' driving habits. As LPR systems become more widespread, and as law enforcement agencies improve their information sharing capabilities, the potential to monitor where and when a particular vehicle has traveled is enhanced.

Recording driving habits could implicate First Amendment concerns. Specifically, LPR systems have the ability to record vehicles' attendance at locations or events that, although lawful and public, may be considered private. For example, mobile LPR units could read and collect the license plate numbers of vehicles parked at addiction counseling meetings, doctors' offices, health clinics, or even staging areas for political protests.

Several prominent privacy groups view information concerning individuals' locations as inherently prone to abuses, including expanding data uses beyond the original purposes of collection, sharing data with third parties beyond reasonable expectations, and heightening individuals' vulnerability to crime. Nevertheless, law enforcement agencies can develop policies that set forth the appropriate access and dissemination of LPR data; agencies can also prohibit and punish individuals who inappropriately disclose data from a LPR system. Moreover, agencies can conduct audits and monitor system operations to prevent and identify instances of misuse. As with other law enforcement data systems, security safeguards can also be implemented to limit unauthorized access to LPR data.

PURPOSES OF COLLECTING LPR DATA

Law enforcement agencies are charged with protecting the public as well as investigating crimes and criminal conduct. LPR systems serve four specific public safety goals. Specifically, LPR data can be used: (a) in various forms of crime analysis; (b) to alert law enforcement officials that a license plate number on a hot list is in proximity to a LPR camera; (c) to monitor the movements of vehicles operated by individuals subject to preexisting geographical limitations on their travel; and (d) to identify instances of criminal conduct that might have previously gone undetected without the aid of the LPR system.

Hot lists may be compiled by the local law enforcement agency utilizing the LPR system or by other state or federal government agencies. The purpose of these lists is to signal a law enforcement official that a vehicle displaying a license plate number that is included on a hot list is near a LPR camera.

ACTIVE AND HISTORICAL LPR DATA

Active LPR data is that information which is provided to an officer in real-time. It takes the form of alerts that a license plate number contained on a hot list is near a LPR unit, whether fixed or mobile. Historical LPR data is essentially a database containing the dates, times, and locations of individually identifiable motor vehicles; it is considered passive as it is essentially LPR data that is stored for future investigative or analytical use.

ACCESS AND DISSEMINATION OF LPR DATA

Appropriate access to active and historical LPR data is guided significantly by the purposes for which it is collected. Thus, LPR data may appropriately be accessed by law enforcement officials: (a) to support crime analysis efforts; (b) to alert law enforcement officials that a license plate included on a hot list is or has been near a LPR camera location; and (c) to help law enforcement officials detect instances of criminal conduct.

It may be appropriate to share LPR data with various agencies and individuals throughout the justice system. Any policy regulating the sharing of LPR data should clearly identify the receiving entity and the specific purpose for the dissemination. LPR data may be shared: (a) among law enforcement agencies; (b) with other, non-law enforcement government entities; and (c) in certain, limited circumstances with the public.

RETENTION OF LPR DATA

Agencies may be called upon to explain their reasons for retaining LPR data for as long as they do. Law enforcement agencies may consider several criteria as they develop a retention policy, including but not limited to statutes of limitation, the potential future usefulness of the LPR data, the relative sensitivity of the LPR data, and the LPR system's technologically implemented policy controls.

Although these criteria may be useful when deciding how long to retain LPR data, there is no formula for determining how long LPR data should be retained. There is considerable need to establish a set of guidelines, including standard criteria, to assist law enforcement agencies in their development of retention policies for LPR data.

QUALITY OF LPR DATA

Law enforcement agencies have no way to influence the accuracy of the OCR performed upon an image captured by a LPR camera. Nevertheless, law enforcement agencies will rely upon the accuracy of LPR data as they conduct their investigations. In addition to law enforcement

officers visually confirming the OCR read against the contextual image taken by the LPR camera, regular and systematic audits can help ensure that the quality of data contained in a LPR system remains high. Data quality audits are distinct from system usage audits and focus on the accuracy of the information. In the context of a LPR system, data quality audits concentrate on measuring the accuracy of the OCR output when compared with contextual images.

ACCOUNTABILITY FOR LPR DATA

Many privacy concerns surrounding LPR data can be mitigated by holding law enforcement agencies accountable for the information they collect and how they subsequently use that information. Several methods exist whereby agencies can ensure that their personnel are complying with applicable policies regarding the appropriate collection, use, and dissemination of LPR data. Creating tamper-proof audit trails as well as conducting real-time monitoring and analyzing LPR system usage can all function to protect the public's privacy interests. Training authorized users is also a critical accountability measure.

CONCLUSION

This Report discusses the privacy concerns surrounding a law enforcement agency's utilization of a LPR system and recommends certain measures that can address those concerns. This Report is also an exercise in good government. Transparency in government policy-making allows errors to be corrected through public criticism. Sometimes cogent and passionate arguments can persuade policy makers to see things in a truly new light; other times comments can come from a perspective that may be unavailable to those immersed in the administration of justice.

It is hoped that this Report provides a sound basis upon which law enforcement agencies can build meaningful LPR system policies that respects individuals' privacy rights while providing authorized users with the information necessary to ensure the public's safety.

1

Part 1. The Nature of License Plate Reader information

This Part discusses the types of information that can be collected by license plate readers ("LPRs"). Specifically, this Part provides a brief overview of how LPR systems work, the types of data they are capable of collecting, and how that information can subsequently be used. Whether license plate numbers and locations should be considered personally identifiable for purposes of drafting privacy policy recommendations is also discussed.

A. OVERVIEW: HOW LICENSE PLATE READERS FUNCTION

License Plate Reader systems consist of high-speed cameras combined with sophisticated computer algorithms capable of converting the images of license plates into computer-readable data. Systems in existence as of the date of this report are routinely capable of capturing multiple license plate images per second on vehicles traveling at high speeds.[1]

Essential to any LPR system is the camera hardware that captures the image of the license plates. The quality of the captured image lays the foundation for the overall performance of the system. LPR systems typically utilize specialized cameras designed to capture images of license plates, either from fixed positions or mobile patrol vehicles. Factors which pose difficulty for license plate imaging cameras include the speed of the vehicles being recorded, the distance and angle of the vehicles from the camera; varying ambient lighting conditions, headlight glare, and harsh environmental conditions. In order to address these difficulties, many LPR systems employ infrared cameras operating in addition to visible light cameras.

The Optical Character Recognition ("OCR") of images taken by LPR cameras is performed through the use of sophisticated algorithms. Six primary algorithms that LPR system software requires to identify a license plate include:

1. Plate localization, which finds and isolates the plate contained in the picture;
2. Plate orientation and sizing, which compensates for the skew of the plate and adjusts the dimensions to the appropriate size and shape;
3. Normalization, which adjusts the brightness and contrast of the image;
4. Character segmentation, which finds the individual characters on the plates;

[1] Most LPR systems capture multiple images of the same vehicle and then use the best image; other systems are capable of capturing more than one vehicle per second.

5. Optical character recognition, which converts the image into actual characters; and
6. Syntactical/Geometrical analysis, which checks characters and positions against state-specific rules to identify the license plate's state of issuance.

Many LPR systems utilizing mobile LPRs are equipped with Global Positioning System ("GPS") Receivers. This allows mobile units to record the date, time, and location of license plate image capture. Data such as date and time stamps and GPS coordinates can be reviewed in relation to investigations and can help lead to critical breaks such as placing a suspect at a scene, witness identification, pattern recognition, or the tracking of previously identified suspects.

B. INFORMATION POTENTIALLY COLLECTED BY LPRs

LPR cameras take digital and infrared pictures of vehicles and license plates as they pass through the field of view of a LPR camera. These images, and the metadata associated with them, can be used in a variety of public safety contexts and the amount of information utilized from a LPR system can vary depending upon an agency's law enforcement mission. Thus, fixed LPR units in operation at national border crossings, which often operate in a setting consisting of slow-moving lanes of traffic, may collect different information than a mobile LPR camera operated by a local law enforcement agency. This Subpart describes the types of information that can potentially be collected by LPR systems as they function at the time of this Report. Agencies utilizing LPRs have the discretion to collect all or just a portion of the data elements described below.

Images of vehicles and license plates are the primary form of information collected by a LPR system. Optical character recognition is performed on these images and the alphanumeric characters on each license plate are rendered into an electronically readable format. LPR cameras can attach date, time, and location information to an image. The image collected by a LPR camera is maintained in the information system to provide a means of ensuring that the license plate number was properly converted into an electronically readable format. This digital image, sometimes referred to as a contextual photo, can include additional information that is not necessarily electronically recorded. Thus, LPR systems may contain information including, but not limited to, the following.

- Optical Character Recognition (OCR) of license plate numbers;
- Digital images of license plates as well as the vehicle's make and model;
- Digital image of the vehicle's driver and passengers;
- Images of distinguishing features (e.g., bumper stickers, damage);
- State of registration;
- Camera identification (mobile cameras may capture officer identification and vehicle/unit number);
- GPS coordinates or other location information; and
- Date and time of observation.

Together, these data elements are referred to as LPR data throughout this report.

C. POTENTIAL USES OF LPR DATA

Identifying the intended uses of LPR data is critical to assessing the privacy impact of law enforcement agencies' collection, analysis, and maintenance of license plate data collected via LPR systems. Moreover, how government agencies use the data they collect is of significant concern to the public. Thus, clearly articulating the purposes for collecting license plate numbers via a LPR system is one way to assist in the public oversight of governmental operations and serves a critical role in addressing privacy concerns surrounding the use of such a data system. Any sound privacy or information management policy intended to govern a LPR system should clearly identify the appropriate and intended uses of LPR data.

Law enforcement agencies are charged with protecting the public as well as investigating crimes and criminal conduct. LPR systems serve four specific public safety goals. Specifically, LPR data can be used: (a) in various forms of crime analyses; (b) to alert law enforcement officials that a license plate number on a hot list is nearby; (c) to monitor the movements of vehicles operated by individuals subject to geographical limitations on their travel; and (d) to identify instances of criminal conduct that might have previously gone undetected without the aid of the LPR system. Each anticipated use carries with it certain privacy concerns; these concerns are discussed later in this Report and should be addressed by any subsequently developed policy regulating the collection, maintenance, use, and retention of LPR data.

D. LPR DATA IS NOT CONSIDERED PERSONALLY IDENTIFYING INFORMATION

Technologies that pinpoint and record individuals' locations are improving in accuracy and growing in prevalence; in doing so, they are also provoking new conversations about what constitutes personal data. Privacy interests are only implicated by information that can be used to identify a unique individual. This section discusses whether a license plate number is considered a piece of personally identifying information for the purposes of this Report.

1. PERSONALLY IDENTIFIABLE INFORMATION DEFINED

Personally identifiable information is data that can be used to identify or locate a single person. The National Institute of Standards and Technology ("NIST") *Guide to Protecting the Confidentiality of Personally Identifiable Information* defines personally identifiable information ("PII") as "information which can be used to distinguish or trace an individual's identity, such as their name, social security number, biometric records, etc. alone, or when combined with other personal or identifying information which is linked

or linkable to a specific individual, such as date and place of birth, mother's maiden name, etc."[2]

A single piece of data can be personally identifiable (e.g., social security number or fingerprints). Likewise, multiple pieces of data, when merged, can also be personally identifiable, even where each individual piece of data itself would not (e.g., date of birth plus name plus address). Moreover, law enforcement agencies have access to multiple databases; this is significant as data elements that can be linked together, although not sufficient to distinguish an individual when considered separately, could distinguish individuals when combined from multiple sources.

For example, suppose that two databases contain different PII elements and also share some common PII elements, such as license plate numbers. An individual with access to both databases may be able to link together information from the two databases and distinguish individuals. If the secondary information source is present on the same system or a closely-related system, then the data may be considered linked.

Data elements which might be considered personally identifiable include, but are not limited to:[3]

- A person's name, such as their full name, maiden name, mother's maiden name, or alias;
- A personal identification number, such as SSN, passport number, driver's license number, taxpayer identification number, patient identification number, and financial account or credit card number;
- Address information, such as street or email address;
- Electronic identification numbers, such as Internet Protocol (IP) address or other host-specific persistent static identifier that consistently links to a particular person or small, well-defined group of people;[4]
- Telephone numbers, including mobile, business, and personal numbers;
- Information identifying personally owned property, such as vehicle registration or identification number, and title numbers and related information;

[2] Erika McCallister *et al.*, *Guide to Protecting the Confidentiality of Personally Identifiable Information (Draft)*, Special Publication No. 800-122, 2-1 (U.S. Dept of Commerce, National Institute of Standards and Technology, Jan. 2009) (adopting the definition of PII contained in OMB Memorandum 07-16, *Safeguarding Against and Responding to the Breach of Personally Identifiable Information*).

[3] *See Id.* at 2-2.

[4] *But see In re Charter Commc'ns*, 393 F.3d 771, 774 (8th Cir. 2005) (holding an IP address does not identify a user's name or mailing address); *Klimas v. Comcast Cable Comm'cns, Inc.*, 465 F.3d 271, 276 n.2 (6th Cir. 2006) (noting "that IP addresses do not in and of themselves reveal 'a subscriber's name, address, [or] social security number.' That information can only be gleaned if a list of subscribers is matched up with a list of their individual IP addresses."); *Johnson et al. v. Microsoft*, C06-0900RAJ Or. Granting Def.'s Mot. S.J. 7 (W.D. Wash. June 23, 2009) (ruling that "In order for 'personally identifiable information' to be personally identifiable, it must identify a person. But an IP address identifies a computer, and can do that only after matching the IP address to a list of a particular Internet service provider's subscribers.").

- Personal characteristics, including handwriting, photographic image (especially of face or other distinguishing characteristic), x-rays, fingerprints, or other biometric image or template data (e.g., retina scans, voice signature, facial geometry); and
- Information about an individual that is linked or linkable to one of the above (e.g., date of birth, place of birth, race, religion, weight, activities, or employment, medical, education, or financial information).

2. NON-PERSONALLY IDENTIFYING NATURE OF LPR DATA

(a.) License plates can be associated with individuals' PII

Although license plates don't directly include personally identifiable information, they are frequently associated, by means of computer inquiries, with the identity of an individual person. Thus, a license plate number, just as a name and date of birth, can serve as the gateway to personally identifiable information. Moreover, a license plate number is also a gateway to more traditional types of data relied upon by criminal justice practitioners. Although some intended uses of LPR data focus on the automobile itself (e.g., identifying stolen vehicles), other potential uses of LPR data involve the process of locating the individual(s) somehow connected to a particular license plate.

(b.) LPR data collection and privacy

The mere collection of information regarding individuals implicates privacy concerns. Fewer concerns are raised by the collection of information about individuals premised upon some reasonable suspicion that they are acting unlawfully. Greater concerns regarding the public's privacy interests are raised when the government collects information about individuals for investigatory purposes absent any suspicion of criminal wrongdoing.

Nevertheless, it is a strong argument that a person has a diminished expectation of privacy in public spaces. In the criminal justice context, the common good of public safety has been considered of greater importance than an individual's right to remain anonymous when passing through public spaces.[5]

Furthermore, in the context of license plate readers, the vast majority of states consider the operation of an automobile a privilege and not a right. Every state's laws require

[5] On at least two occasions the U. S. Supreme Court has been confronted with whether an individual can be required to identify himself to the police during a Terry stop, but decided those cases on other grounds. *See Brown v. Texas*, 433 U.S. 47 (1979) (holding the underlying seizure illegal thereby avoiding the constitutional question) and *Kolender v. Lawson*, 461 U.S. 352 (1983) (holding a statute requiring a suspect to identify himself to police officers during a Terry stop void for vagueness and refusing to decide the issues of the constitutionality of compulsory identification). It wasn't until 2004 in *Hiibel v Sixth Judicial District Court of Nevada*, 542 U.S. 177, that the Court concluded that requiring suspects to identify themselves did not violate the Fourth or Fifth Amendments.

the display of license plates when the vehicle is operated or parked on a public road and license plates are even required to be illuminated at night.

(c.) LPR data is not, itself, personally identifying

A license plate number identifies a specific vehicle, not a specific person. Although a license plate number may be linked or otherwise associated with an identifiable person, this potential can only be realized through a distinct, separate step (e.g., an inquiry to a Secretary of State or Department of Motor Vehicles data system). Absent this extra step, the license plate number and the time and location data attached to it are not personally identifying. Thus, even though LPR systems automate the collection of license plate numbers, it is the investigative process that identifies individuals.

The Driver's Privacy Protection Act ("DPPA"), 18 U.S.C.A. §§ 2721-25, also supports the premise that a license plate number alone is not PII. Enacted in 1994, the DPPA is a federal law that regulates how state motor vehicle departments release information contained in their records. The DPPA prohibits, with specific exceptions, state motor vehicle departments from disclosing personally identifying information connected to a motor vehicle record (e.g., a license plate number).[6]

While the DPPA requires states to disclose personal information for certain limited purposes, it permits the disclosure of personally identifiable information connected to a license plate for fourteen enumerated purposes. Three of those purposes relate to law enforcement use of the information and are relevant to the operation of a LPR system. Specifically, personally identifying information connected to a motor vehicle registration may be disclosed for use: (1) "by any government agency, including any court or law enforcement agency, in carrying out its functions, or any private person or entity acting on behalf of a Federal, State, or local agency in carrying out its functions;"[7] (2) "in connection with matters of motor vehicle or driver safety and theft;"[8] and (3) "in connection with any civil, criminal, administrative, or arbitral proceeding in any Federal, State, or local court or agency."[9] The DPPA also regulates how an authorized recipient of motor vehicle records can share information with another subsequent user.

Thus, federal law acknowledges: (1) although license plate numbers are not, by themselves, personally identifying information, they can be linked to individuals and, (2)

[6] The Act defines "personal information" as an "individual's photograph, social security number, driver identification number, name, address…telephone number, and medical or disability information"; the term does not include information on vehicular accidents, driving violations, and driver's status. 18 U.S.C. § 2725(3). In 2000, the Act was amended to create a new class of "highly restricted personal information." This includes an "individual's photograph or image, social security number, and medical or disability information" collected or maintained by a DMV. 18 U.S.C. § 2725(4).

[7] 18 U.S.C. § 2721(b)(1).

[8] 18 U.S.C. § 2721(b)(2).

[9] 18 U.S.C. § 2721(b)(4).

the release of PII associated with a particular license plate number should be limited to official purposes.

Certain contextual photos may contain digital images of the vehicle's driver and/or passengers. As discussed above, the contextual photo is collected and maintained as a mechanism to ensure that the LPR software is accurately reading license plate numbers. Moreover, not every contextual photo contains an image of a vehicle's occupants.

A photograph of an individual's face certainly identifies that individual. Nevertheless, LPR systems currently being utilized by law enforcement agencies are not designed to capture images of occupants of vehicles. In the infrequent instances where images of a vehicle's occupants are captured by the LPR camera, LPR contextual photos may be used to confirm whether an individual already associated with a particular license plate was the person in the car when it passed the LPR camera.

This distinction between identification and confirmation is significant when determining whether to consider LPR data personally identifiable. Furthermore, the confirmation of the identity of the individuals occupying a vehicle only takes place as part of a subsequent investigation into an event surrounding the observation of the vehicle's license plate. Thus, even though some contextual photographs include an image of a vehicle's occupants, this Report considers LPR data as non-personally identifying information.

(d.) LPR data is for official use only

Even where an organization determines that a particular type of information is not personally identifying, the organization should still consider whether the information is sensitive or has organizational or individual risks associated with it, and determine the appropriate protections.

There may be risks surrounding the release of the dates, times, and locations of a certain license plate number where the requestor is in possession of the identity of that vehicle's owner. It is these risks, described in more detail later in this Report, that support the International Association of Chiefs of Police's recommendation that LPR Data be considered For Official Use Only (FOUO).[10]

[10] The term For Official Use Only is used within the U.S. Department of Homeland Security to identify unclassified information of a sensitive nature, not otherwise categorized by statute or regulation, the unauthorized disclosure of which could adversely impact a person's privacy or welfare, the conduct of Federal programs, or other programs or operations essential to the national interest. LPR data may also fall into the federal information categorization of non-classified information being implemented pursuant to Executive Order 12958; under that system of categorization, LPR data may also be considered Controlled Unclassified Information (CUI) and may more specifically fall under the CUI category "Controlled, Special Dissemination." *See* Executive Order 12958 as amended by Executive Order 13292 at 68 Fed. Reg. 15315 (2004); *see also* White House *Memorandum for the Heads of Executive Departments and Agencies*: Designation and Sharing of Controlled Unclassified Information (CUI) (May 7, 2008) available on-line at: http://www.archives.gov/cui/documents/designation_cui.pdf.

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Part 2. Types of privacy risks surrounding the use of LPRs

This Part summarizes the privacy risks created by the enhanced collection, recording, analysis, and retention of license plate numbers by means of LPR systems. The privacy concerns described below become the themes that run throughout the entire PIA Report; the discussions that follow briefly explain how these risks can be mitigated by policies intended to regulate the use of LPR systems from the initial collection of the data through its life cycle.

A. UNDERLYING PRIVACY CONCERNS

The enhanced sharing, even among law enforcement personnel, of substantial amounts of information about people not immediately suspected of criminal activity may lead the public to believe that its privacy interests are being ignored. Moreover, improper disclosures of potentially sensitive information not only damage the relationship between citizens and their governmental institutions, such disclosures also make people more vulnerable to physical, emotional, financial, and reputational harms.

System designers and justice practitioners sometimes overlook information processing risks that arise from the storage, analysis, and use of data that has already been collected by the justice system. One such risk implicated by the aggregation of data occurs where the compiled information used to judge an individual is incomplete or is distorted because it is being considered out of its original context. Another privacy concern involves the risk that a justice practitioner using an information system may target one individual because of acts committed by another due to a variety of data inaccuracies.

It has been law enforcement's position that the impact of LPR systems on the privacy of individuals is the same as the impact of any ordinary investigation. The premise of this position is that LPR systems simply automate the same exact process that has been available to police manually. Criminal justice agencies explain that LPR systems simply improve the accessibility of information that is already publicly visible and make it available for analysis and appropriate dissemination.

These positions are woven throughout the discussions and recommendations contained in this Report. Ultimately, the goal of this Report is to inform a law enforcement agency's efforts to develop an information management policy that attempts to ensure

the rights of individuals to be treated with fairness and respect while providing law enforcement with the LPR data it needs to protect the public safety in an efficient and productive manner.

B. POTENTIAL CHILLING EFFECTS OF LPR SYSTEMS

Individuals are already compelled to disclose a great deal of information to their government. One privacy issue associated with the enhanced collection and compilation of LPR data from multiple sources is a chilling effect on social and political activities. Specifically, the risk is that individuals will become more cautious in the exercise of their protected rights of expression, protest, association, and political participation because they consider themselves under constant surveillance.

Surveillance is the watching, listening to, or recording of an individual's activities.[11] The potential privacy harm of surveillance is its potential use as a tool of social control: the mere possibility of surveillance has the potential to make people feel extremely uncomfortable, cause people to alter their behavior, and lead to self-censorship and inhibition.[12]

The degree of any system's chilling effect depends a great deal upon the types of information it collects and how the data will subsequently be utilized. LPR systems, unlike other forms of public surveillance, have the potential to reveal to the government individuals' driving habits. As LPR systems become more widespread, and as law enforcement agencies improve their information sharing capabilities, the potential to monitor where and when a particular vehicle travels is enhanced.

Recording driving habits could implicate First Amendment concerns.[13] Specifically, LPR systems have the ability to record vehicles' attendance at locations or events that, although lawful and public, may be considered private. For example, mobile LPR units could read and collect the license plate numbers of vehicles parked at addiction counseling meetings, doctors' offices, or even the staging areas for political protests. Furthermore, fixed LPR units located at traffic choke points may identify travel patterns of particular vehicles as they commute to and from their homes.

Although there may be some chilling effects surrounding the utilization of a LPR system, the development and implementation of policies regulating the collection, uses, sharing, and retention of LPR data can operate to reduce these effects. Deployment of LPR cameras based upon crime analysis that takes into account crime patterns and the types

[11] Daniel J. Solove, *A Taxonomy of Privacy*, 154 U. PA. L. REV. 477, 490 (Jan. 2006).
[12] *Id.* at 493.
[13] One resident of a municipality considering the installation of LPRs who "[didn't] see too much harm in [LPRs]" admitted that a LPR system "still has the taint of Big Brother." Demian Bulwa, *Tiburon may install license plate cameras*, A-1 San Francisco Chronicle (July 10, 2009) http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2009/07/10/MNT6189U0U.DTL.

of crime targeted by LPR systems can also reduce the perception that LPRs are simply a tool for public surveillance.[14] Developing retention periods are another way to address the potential chilling effects of LPR systems.

C. IDENTIFICATION OF INDIVIDUALS VIA LICENSE PLATE NUMBERS

Identification is the act of connecting data to particular individuals.[15] Identification enables surveillance by facilitating the monitoring of persons.[16] The potential harm of identification is that it increases the government's power to control individuals through the chilling effects discussed above. It can further inhibit one's ability to be anonymous, which is important in so far as it protects people from bias based on their identities and enables people to vote, speak, and associate more freely by protecting them from the danger of reprisal.[17]

Few rights guaranteed by the First Amendment can be enjoyed without moving about. The rights to "enter into certain intimate human relationships" and "to associate for the purpose of engaging in those activities protected by the First Amendment – speech, assembly, petition for the redress of grievances"[18] are predicated upon freedom of movement. In order to associate with others in political activities or pursue religious beliefs, one must be able to go to the place where their associations meet. To assemble and participate in a rally on behalf of a political candidate, or alternatively to demonstrate against a government policy, traveling is a prerequisite.

The benefits of anonymity in the exercise of First Amendment rights have been recognized by the U.S. Supreme Court. In one case, referencing the "important role in the progress of mankind" that anonymous literature has played, the Court upheld the right to not identify one's self in the exercise of the free press on the grounds that it "provides a way for a writer who may be personally unpopular to ensure that readers will not prejudice her message simply because they do not like its proponent."[19] The right to not identify one's self has also been upheld in other First Amendment contexts. "It is hardly a novel perception that compelled disclosure of affiliation with groups engaged in advocacy may constitute…restraint on freedom of association."[20]

[14] As discussed in Part 4, LPR cameras can be fixed or mobile and can be deployed in an overt or covert manner.
[15] Solove, *supra* note 11 at 511.
[16] *Id.* at 514.
[17] *Id.* at 515.
[18] *Roberts v. United States Jaycees*, 468 U.S. 609, 617-618 (1984).
[19] *McIntyre v. Ohio Elections Comm'n*, 514 U.S. 334, 341-343 (1995) (citing *Talley v. California*, 362 U.S. 60, 62 (1960) (internal quotations and footnotes omitted)).
[20] *NAACP v. Alabama ex rel. Patterson*, 357 U.S. 449, 462 (1958). *See also Brown v. Socialist Workers' 74 Campaign Comm.*, 459 U.S. 87, 91 (1982) (holding that the "Constitution protects against the compelled disclosure of political associations").

LPR systems have the potential to record the license plate numbers of vehicles that embark on travels related to the occupants' exercise of their First Amendment rights. Law enforcement agencies are not implementing LPR systems with the goal of collecting this type of information; rather, LPR camera's potential to impact First Amendment freedoms is a byproduct of the day-to-day operation of the system. Such chilling effects can be reduced by enforcing policies designed to limit access to LPR data for certain, express law enforcement or investigatory purposes. Moreover, the development of policies concerning the collection of license plate numbers by mobile LPR units should include provisions concerning the appropriate use of mobile LPR cameras in areas known to reflect an individual's political, religious or social views, associations, or activities (e.g., churches, abortion clinics, etc.) and limit such collection to instances directly related to criminal conduct or activity.

D. SECONDARY USE OF LPR DATA

Secondary use is the utilization of data for purposes unrelated to the reasons for which the data was initially collected.[21] Secondary use essentially creates the potential for dignitary harm in that it thwarts people's reasonable expectations about how data collected and maintained by LPR systems will ultimately be used.[22] The potential for secondary use generates fear and uncertainty over how one's information will be used in the future, creating a sense of powerlessness and vulnerability among those whose information is collected.[23] Secondary use of information also creates interpretation problems in its analysis; specifically, data may be misunderstood when it is removed from its original context.[24]

Law enforcement agencies' primary concern with regard to their operation of LPR systems is the investigation of crimes and ensuring the public's safety. Privacy concerns regarding secondary uses of LPR data can be addressed in part by: (1) clearly articulating the agency's original purposes for collecting license plate numbers; (2) anticipating and disclosing how LPR data will likely be used; and (3) limiting subsequent uses of LPR data to those original purposes.[25]

Agencies could also address secondary uses of LPR data by clearly articulating permissible secondary uses of the information in advance of the data's collection. Any secondary analyses or uses of LPR data should take into account its limitations in terms of identifying anything other than the vehicle.

[21] Solove, *supra* note 1111 at 521.
[22] *Id.*
[23] *Id.* at 522.
[24] *Id.*
[25] The DPPA implements these three suggestions and specifically makes it "unlawful for any person knowingly to obtain or disclose personal information, from a motor vehicle record, for any use not permitted [by the Act]." 18 U.S.C. § 2722(a); *see also* text accompanying *supra* notes 6-9.

E. AGGREGATION OF LPR DATA

Aggregation is the gathering together of various pieces of information about a person.[26] Although less direct than surveillance, aggregating data from multiple sources is another way to acquire information about an individual.[27] The U.S. Supreme Court has even ruled that there is a significant difference between information that, although public, might be difficult to obtain from multiple locations, and a computerized summary located in a single clearinghouse of information.[28]

The potential privacy harms surrounding aggregation are similar to those of Secondary Use, described in Subpart D above. A piece of information here or there about an individual is not very telling; but when combined, these bits and pieces of data begin to form a portrait of a person.[29] In other words, personally identifiable information brought together from various source systems has the potential to reveal an individual's beliefs or ideas concerning public or social policy, as well as political, educational, cultural, economic, philosophical, or religious matters.

Aggregation can cause dignitary harms because of its ability to unsettle an individual's expectations regarding how much information they actually reveal to others.[30] Aggregation can also create interpretation problems where the data compilation used to judge the individual is incomplete or results in a distorted portrait of the person because the information is disconnected from the original context in which it was gathered.[31]

LPR Systems use optical character recognition to translate the alpha-numerical text of a license plate into electronic data. The license plate number, combined with the date, time, and location of observation is then stored electronically and can readily be combined with other data sources. An authorized user can use LPR data to gather the name and contact information of a vehicle's registered owner from a department of motor vehicles data system. Care should be exercised when combining LPR data with other personally identifying data; this is because the LPR data relates only to the vehicle, not necessarily the registered owner.[32] Thus, to address concerns related to the aggregation of data, law enforcement agencies should keep in mind that LPR data relates only to vehicles and it may be misleading to combine LPR data of vehicles with other data linked to the personally identifying information of registered owners or other occupants.

[26] Solove, *supra* note 11 at 507.
[27] *Id.* at 508.
[28] *See U.S. Department of Justice v. Reporters Committee for Freedom of the Press*, 489 U.S. 749, 764 (1989).
[29] *Id.* at 507.
[30] *Id.* at 508.
[31] *Id.* at 508-511.
[32] Moreover, there are no assurances that an inquiry into the license plate number will lead to the registered car, as in the case of stole license plates.

F. POTENTIAL MISUSES OF LPR DATA

Several prominent privacy groups view information concerning individuals' locations as inherently prone to abuses, including expanding data uses beyond the original purposes of collection, sharing data with third parties beyond reasonable expectations, and heightening individuals' vulnerability to crime.

Misuses of LPR data can take several forms. A common misuse of any data system involves the improper disclosure of its information by authorized users. When data is improperly disclosed by those authorized to access it, the promise the agency made to keep the information confidential is broken. The harm caused by such breaches is not simply that the information has been disclosed, but that the promise made to the subject of the data has been broken.[33] Protections against breaching the confidentiality of the data help promote certain relationships that depend upon trust, such as the relationship between citizens and their government.[34]

Privacy concerns also surround the disclosure of certain true information about a person that, when revealed, impacts the way others judge her character; the potential harm of disclosure involves the damage to an individual's reputation caused by the dissemination.[35] Disclosure can also be a form of social control and carries with it the potential chilling effects associated with surveillance described above in Subpart B. Moreover, knowledge of a person's location could, for example, heighten that person's vulnerability to property theft or physical harm. Disclosure harms occur regardless of whether the dissemination is the result of an inappropriate release of data by an authorized user or is the result of an unauthorized person obtaining access to the data (e.g., by hacking into the system) and releasing the information.

Simply because a type of information may be subject to misuse is not necessarily determinative as to whether to collect and use it; there are several things law enforcement agencies can do to prevent misuse of LPR data. Specifically, law enforcement agencies can develop policies that set forth the appropriate access and dissemination of LPR data; agencies can also prohibit and punish individuals authorized to access LPR data but who inappropriately disclose the information. Furthermore, conducting audits and monitoring system operations can prevent and identify instances of misuse. Security safeguards are common in other law enforcement data systems and can be useful in limiting unauthorized access to LPR data.

[33] *Id* at 527.
[34] *Id.*
[35] *Id.* at 531.

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Part 3. Scope of the PIA Report

Part 3 explains the approach this Report takes to analyze the privacy concerns surrounding a law enforcement agency's use of a LPR system. It explains the steps taken to prepare this document and decisions related to narrowing the scope of this Privacy Impact Assessment.

A. APPROACH OF THE ASSESSMENT

In 2007, the International Association of Chiefs of Police ("IACP") passed a resolution in support of License Plate Reader (LPR) technology.[36] That resolution strongly encouraged the U.S. Congress to fully fund license plate reader and related digital photographing systems, including interrelated information sharing networks, for the northern and southern borders of the United States. In support of this resolution, the IACP LEIM Section set out to develop this Privacy Impact Assessment ("PIA") Report.

The goal of the PIA Report was to identify and address the primary privacy issues implicated by the electronic collection, analysis, dissemination and storage of license plate information by law enforcement agencies across the country. The first step taken in the development of this Report was the preparation of a comprehensive listing of privacy issues raised by the use of LPR systems. This document, entitled *Issue identification: Privacy issues concerning the utilization of automated license plate readers* ("the Issues document"), is included in this Report as Appendix 2. The Issues document reflects the LEIM Section's efforts to document in a comprehensive manner the privacy concerns that should be addressed by any law enforcement agency utilizing or seeking to implement a LPR system.

B. UNDERLYING PREMISES OF THIS REPORT

(1) Focus on law enforcement uses – The privacy impact analysis and discussions contained in this Report focus on law enforcement agencies' utilization of LPR systems and the LPR data they collect to investigate crimes and enforce the criminal laws. If LPR data will be used for additional purposes, additional analysis will be necessary.

[36] Intl. Assn. of Chiefs of Police, *2007 Resolutions*, 51-52 (Oct. 16, 2007) available on-line at: http://www.iacp.org/resolution/2007Resolutions.pdf.

(2) Absence of regulation of LPR data – There is an absence of uniform regulation concerning the appropriate collection, use, analysis, and retention of LPR data. This Report is intended to help law enforcement agencies develop policies meant to fill this gap in regulation in such a manner that ensures public safety needs are met while protecting individuals' privacy interests.

(3) Adult status is presumed – Part 1 explained that LPR Data is not considered personally identifying information for purposes of this Report. Nevertheless, contextual images that include vehicle occupants may contain images of minors; this is because states routinely issue drivers' licenses to individuals under the age of majority and because minors are frequently passengers in cars. Thus, LPR systems may potentially contain the location information of minors whose personally identifying information is associated with a certain vehicle. The discussions contained in this Report do not distinguish between LPR data attributed to adults or minors.

(4) Existing information sharing practices remain in effect – The discussions contained in this Report are not intended to supersede existing data sharing practices concerning license plate data. Rather, this Report is focused on the access, use, and dissemination of license plate data collected by LPR cameras and stored in LPR systems.

(5) LPR data is not considered criminal intelligence information[37] – The data collected by LPR cameras and upon which OCR is performed is only fact-based information; it is not intelligence data. Nevertheless, once that fact-based LPR data is analyzed, it may become intelligence data in the future and be subject to the U.S. Department of Justice's regulations contained at 28 C.F.R. Part 23.

(6) Internal access to LPR data is determined at the agency level – The terms "law enforcement officials" and "law enforcement officers" are used interchangeably throughout this Report. It is up to local agency heads to determine who within the organization may access LPR data.

C. ISSUES NOT ADDRESSED IN THIS REPORT

There are numerous privacy and other public accountability issues surrounding a law enforcement agency's utilization of a LPR system. Some of these issues surround the administration of the system and others concern the utilization of LPR data compiled by

[37] Criminal Intelligence Information means data which has been evaluated to determine that it: (i) is relevant to the identification of and the criminal activity engaged in by an individual who or organization which is reasonably suspected of involvement in criminal activity, and (ii) meets criminal intelligence system submission criteria. 28 C.F.R. §23.3(b)(3).

other agencies. The scope of this Report was narrowed to exclude consideration and discussion of the following issues.

(1) An agency's decision to utilize a LPR system – This Report focuses on the privacy concerns surrounding the operation and administration of a LPR System; it does not, however, discuss a law enforcement agency's initial decision to procure and begin utilizing LPR cameras.

(2) Privacy policy development – Although it is beneficial to utilize a formal development process when creating policies regarding LPR data, this Report does not recommend to law enforcement agencies any particular method of creating privacy or information management policies that implement the recommendations that follow.

(3) Use of another entity's LPR data – This Report contemplates the privacy concerns surrounding a law enforcement agency's collection of LPR data through the use of its own LPR cameras and computer systems. Where LPR data collected by another entity is going to be used by a law enforcement agency, it should determine that the LPR data is reliable and of sound quality.

(4) Sharing LPR data with private companies – Although Part 5 discusses the dissemination of LPR data with various members of the general public, it does not address the sharing of LPR data outside the context of an investigation or public safety purpose. Law enforcement agencies seeking to share LPR data with private companies should fully examine the privacy and public confidence issues of doing so.

(5) Freedom of information and sunshine acts – Since freedom of information acts vary from state to state, this Report does not address the release of LPR data to the public pursuant to such a statute. Nevertheless, such laws are important and their impact on the operation and administration of a LPR system should be reviewed as part of any policy development process.

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Part 4. Collection of LPR data

This Part explains that LPR system data consists of: (A) the images and data collected by LPR cameras; and (B) the Hot Lists that alert a user to the presence of a particular license plate. The discussions that follow concern how LPR data is collected and for what purposes.

A. LPR CAMERA DATA

1. LPR CAMERA DEPLOYMENT

LPR systems can observe and record over 1,000 license plates an hour in various lighting and weather conditions. LPR cameras can be fixed, mobile, or portable. A fixed LPR unit is permanently mounted, usually to a bridge or a pole, and frequently in a jurisdiction's most heavily traveled points of ingress and egress. Mobile LPR units are mounted to law enforcement agency vehicles and can capture data from any area of an agency's jurisdiction. Portable LPR cameras can be moved from vehicle to vehicle or deployed in covert configurations.

Some privacy issues will vary depending upon the type of camera deployment utilized. For instance, mobile LPR cameras are much less likely than fixed LPR units to collect information concerning the routine commuting of particular vehicles. This is because mobile LPR units are attached to cars and are therefore unlikely to observe license plate numbers in the same location at the same time on a consistent basis. Mobile units, however, do have the potential to patrol parking lots of certain establishments; thus, mobile LPR cameras may collect the license plate numbers of vehicles parked at locations that, even though public, might be considered sensitive, such as doctor's offices, clinics, churches, and addiction counseling meetings, among others.

2. LPR DATA ELEMENTS

As discussed in Part 1 above, LPR systems take images of vehicles and license plates within range of a LPR camera. Thus, depending upon the placement and resolution of its cameras, a LPR system has the potential to gather a wide spectrum of data.

Typically, the contextual image collected by a LPR camera is maintained in the information system to provide a means of ensuring that the license plate number was

properly converted into an electronically readable format by the optical character recognition (OCR) software. The contextual photo provides a more inclusive view of the vehicle and its surroundings. Depending on the focal length of the camera and the distance of capture, the photo may provide a view of part or all of the vehicle, its surroundings, and possibly the occupants of a vehicle. This information may be helpful in *inter alia*: (a) identifying the vehicle by providing color or unique attributes such as damage or bumper stickers; (b) confirming the location of the LPR camera that took the photograph; or (c) confirming the identity of a vehicle's occupant.

Although a contextual photo contained in a LPR system may contain a great deal of raw information, only certain pieces of information contained in any LPR photograph will be subjected to OCR and rendered into an electronically readable format. Thus, images of vehicle occupants, vehicle make and model, and any distinguishing features of a vehicle contained in a contextual photo are not electronically readable or compiled by existing LPR systems.[38]

In addition to collecting the OCR of license plate numbers, LPR systems do ascribe date, time, and location information to an image. Some systems also attach to the image a camera identifier; in the case of mobile LPR units, the patrol car and officer identification number may also be collected.

3. PURPOSE SPECIFICATION

Law enforcement agencies are charged with protecting the public as well as investigating crimes and criminal conduct. LPR systems serve four specific public safety goals. Specifically, LPR data can be used: (a) in various forms of crime analysis; (b) to alert law enforcement officials that a license plate number on a hot list is nearby; (c) to monitor the movements of vehicles operated by individuals subject to geographical limitations on their travel; and (d) to identify instances of criminal conduct that might have previously gone undetected without the aid of the LPR system.

(a.) LPR data is collected to support various forms of crime analysis.

Law enforcement agencies utilize crime analysis to prevent and suppress crime, apprehend offenders, and recover stolen property.[39] Crime analysis is usually conducted on offenses with discernable patterns and trends that can be prevented or reduced through the implementation of directed action plans.[40] A review of existing crime analysis operations reveals that burglary, robbery, auto theft, larceny, fraud, sex crimes, aggravated assaults, and murder are the crimes most appropriate for crime analysis.[41]

[38] Technology is continually advancing. If LPR systems evolve to a level where they can read and compile data other than license plate numbers, the policy discussions contained in this Report will need to be supplemented.
[39] Steven Gottlieb, *et al.*, *Crime Analysis: From First Report to Final Arrest* 14-16 (Alpha 1994).
[40] *Id.*
[41] *Id.* at 133.

There are three types of crime analysis: (1) tactical; (2) strategic; and (3) administrative. Tactical analysis is the first priority of law enforcement agencies.[42] Specifically, tactical crime analysis (a) detects crime patterns and series by studying and linking common elements of crimes;[43] (b) predicts when and where future events will occur; and (c) provides information to officers regarding specific crime problems and is intended to result in the arrest of a suspect.[44]

Strategic crime analysis concentrates on long-term crime trends and can be used to project where police presence should be increased or decreased. Administrative analysis, unlike tactical and strategic crime analysis, interprets crime statistics categorized by economic, geographic, or social conditions and provides information for grant applications, feasibility studies, and city council reports.[45] Thus, administrative analysis provides information useful in running a law enforcement agency while tactical and strategic crime analysis is intended to help the law enforcement agencies protect the public and enforce the criminal laws.

When law enforcement agencies talk about using LPR data to check crime series information to determine if the same vehicles are in the area of different crime scenes, they are referring to tactical crime analysis. Tactical crime analysis is used to determine who is doing what to whom and focuses on crimes against persons and property. LPR data can also be useful to other agencies whose missions are broader in scope, like counter terrorism taskforces interested in utilizing strategic crime analyses. The following categories of data are widely considered most useful for crime analysis purposes.[46]

- Geographic factors[47]
- Victim descriptors
- Physical evidence descriptors
- Suspect descriptors
- Time factors
- Property loss descriptors
- Specific modus operandi factors
- Suspect vehicle descriptors

[42] *Id.* at 15.

[43] A crime pattern is merely a set of similar offences happening in a specific geographical area while a crime series is a crime pattern that appears to be done by either the same person or group of persons. Shawn A. Hutton & Mark Myrent, *Incident-Based Crime Analysis Manual* 34 (Ill. Crim. J. Info. Auth. 1999).

[44] Shawn A. Hutton & Mark Myrent, *Incident-Based Crime Analysis Manual* 7 (Ill. Crim. J. Info. Auth. 1999).

[45] Gottlieb, *supra* note 39 at 15 (stating that administrative analysis essentially includes the "nice to know stuff.").

[46] *Id.* at 128. Experienced analysts have found that the importance of each factor differs depending upon the type of crime being investigated. For example, suspect vehicle descriptors are more useful in determining whether a pattern of thefts from vehicles exists than a pattern of strong armed robberies. See *Id.* at 318-320.

[47] Spot maps can be of great assistance to the analyst. Nevertheless, spot maps will only depict crime patterns; additional information is necessary to determine if a crime pattern is also a crime series.

(b.) LPR systems collect information to alert law enforcement of the proximity of a vehicle displaying a license plate number that is included on a hot list.

License plate numbers of stolen cars, vehicles owned by persons of interest, and vehicles associated with AMBER Alerts are routinely added to "hot lists" circulated among law enforcement agencies. These lists serve an officer safety function as well as an investigatory purpose.

Hot lists are typically transferred daily and can be updated by an operator/officer in the field. Hot list information can come from a variety of sources, including but not limited to, stolen vehicle information from the National Insurance Crime Bureau and the National Crime Information Center (NCIC), as well as national AMBER Alerts and Department of Homeland Security watch lists. Departments of Motor Vehicles can provide lists of expired registration tags and law enforcement agencies can also interface their own, locally-compiled hot lists to the LPR system.

LPR systems function in such a way as to notify an officer when a license plate on the hot list is observed in real time; this can be the case for both fixed and mobile LPR units. Historical LPR data can also be searched to determine the date and time a license plate number contained on a hot list passed a certain camera.

(c.) LPR data is collected to assist in the monitoring of certain identified individuals' compliance with travel restrictions.

In some circumstances, a court can limit the movements of certain individuals for public safety purposes. For instance, sex offenders, probationers and parolees, and people subject to orders of protection may be subject to court-imposed restrictions on their geographic movements. LPR systems can be useful in assisting with the enforcement of geographic limitations on the movements of these types of individuals. Specifically, LPR cameras can record the license plate numbers of vehicles observed near certain locations such as schools and day care facilities, or residences and work addresses of people protected by court orders. These locations and license plate numbers associated with such individuals can be added to LPR systems to bring any potential violations to an officer's attention in real-time or the plate numbers can be queried against historical LPR data. In these instances, the LPR data is merely evidence of a possible violation and further verification is needed to identify the operator of a vehicle.

In instances of mass evacuations, LPR systems could be useful in determining the number of vehicles that have left an area and can also serve as a means of identifying those vehicles. This latter capability may be beneficial to law enforcement agencies' ability to respond to calls asking about the welfare or evacuation status of a relative.

(d.)LPR data is collected to help law enforcement agencies identify previously-undetected crimes

LPR systems have the potential to identify and observe criminal conduct that, prior to the implementation of the technology, would have been extremely difficult to detect in the absence of an offender's chance encounter with authorities.

For example, the failure to obtain and provide proof of mandatory car insurance is grounds for several states to suspend license plates and driver's licenses. Unless these vehicles are operated in such a manner as to raise the suspicions of a police officer, these uninsured vehicles would remain undetected. In a jurisdiction utilizing a LPR system, a department of motor vehicles can create a list of license plate numbers attached to invalid driver's license numbers. That list can be uploaded into a LPR system and officers can be notified when that license plate number passes a LPR camera.

LPR systems can also be used to help implement programs intended to more efficiently bring certain crimes to law enforcement officers' attention. Several states have programs to combat auto thefts that permit vehicle owners to provide written consent for their vehicles to be stopped without cause during late evening hours. LPR systems provide an efficient means of implementing such programs and increase the odds of recovering stolen vehicles because these systems can cross check license plate numbers against lists of stolen plates and vehicles many times faster than if done manually.

LPR systems, like other forms of surveillance cameras, are excellent tools for figuring out what has already happened. Moreover, overt LPR systems may have some deterrent impact.[48]

B. LPR "HOT LISTS"

Many of the potential uses of LPR data involve the comparison of license plate numbers collected by a LPR system to numbers contained on a previously compiled list. These hot lists may be compiled by the local law enforcement agency utilizing the LPR system or by other state or federal government agencies. The purpose of these lists is to signal a law enforcement official that a vehicle displaying a license plate number that is included on a hot list is near a LPR camera. This can be done in real-time or through the use of historical LPR data.

The use of hot lists is essential to LPR systems intended to serve public safety purposes, and the actions taken by law enforcement officers informed of a "hit" will vary depending upon the list that contains the vehicle's license plate number. Limiting the number of hot lists uploaded to a LPR system is recommended to guard against the

[48] *See* Jerry Ratcliffe, *Video Surveillance of Public Places*, 8-11 (U.S. Dept of Justice, Office of Community Oriented Policing Services Feb. 2006) (referring to closed-circuit television surveillance of public spaces).

system "crying wolf." If law enforcement officers are bombarded by an alert at every third license plate that passes the LPR camera due to the inclusion of too many hot lists, a danger exists that officers may turn off the system or otherwise ignore alerts during their shifts. Only including hot lists that further the law enforcement agency's goals is one way to guard against this danger. Local agencies are ultimately responsible for selecting which hot lists to upload onto their LPR systems.

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1. COMPILATION & MANAGEMENT OF LPR HOT LISTS

Managing hot lists is a key element to the success of a LPR system. The content of hot lists should be monitored to protect people whose vehicles license plates numbers are contained on such lists from continued and unnecessary annoyance.

While some hot lists focus on identifying a particular vehicle regardless of who is operating it (e.g., stolen cars, AMBER alerts), other lists include license plate numbers known to be associated with specific individuals (e.g., sex offenders, wanted persons). These hot lists, whether they relate to stolen cars or potential occupants of vehicles, enhance law enforcement agencies' ability to detect crime and provide critical officer safety information.

LPR hot lists are compiled to serve agency-specific needs. Hot lists may include, for example, license plate numbers of vehicles known to be operated by: (a) violent probationers and parolees; (b) violent gang members; (c) individuals with outstanding warrants; and (d) individuals identified as witnesses. In some instances, individuals provide the license plate numbers of vehicles they may operate; in others, departments of motor vehicles may provide license plate numbers of vehicles registered to individuals. In still other circumstances, license plate numbers may be linked to certain individuals by direct observation and documentation of law enforcement officers.

When developing their own hot lists, law enforcement agencies should develop a process that sets forth criteria for including certain license plate numbers on a hot list. For instance, in order to activate an America's Missing: Broadcast Emergency Response (AMBER) Alert certain criteria must be met. Specifically, a juvenile: (a) must have been confirmed as abducted; (b) is under the age of 16 or has a proven mental or physical disability; and (c) is in danger of serious bodily injury; finally, there also needs to be enough descriptive information to believe that a broadcast alert will help.[49]

Additionally, agencies may consider providing a process whereby a license plate number's inclusion on a hot list can be verified. Providing for verification is one way of monitoring the accuracy of data contained on a hot list. It also helps ensure that law enforcement officials act only upon complete, correct, and timely information.

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[49] U.S. Dept. of Justice, *Recommended AMBER Alert Criteria*, (LT000498, Apr. 2005) available on-line at: http://www.ncjrs.gov/html/ojjdp/amberalert/PocketCard.pdf.

Agencies should also develop procedures for removing license plate numbers that do not belong on a particular hot list.

C. NOTICE OF DATA COLLECTION PRACTICES

1. FAIR INFORMATION PRACTICES

In 1973, the U.S. Department of Health, Education, and Welfare ("HEW") published a groundbreaking report responding to concerns that harmful consequences may result from the storing of information related to individuals in computer systems. That report, entitled *"Records, Computers and the Rights of Citizens,"* articulated several principles HEW deemed essential to the fair collection, use, storage, and dissemination of personal information by electronic information systems.[50]

The five basic principles contained in the HEW Report held that: (1) there must be no personal data record keeping systems whose very existence is secret; (2) there must be a way for an individual to find out what information about him is in a record and how it is used; (3) there must be a way for an individual to prevent information about him that was obtained for one purpose from being used or made available for other purposes without his consent; (4) there must be a way for an individual to correct or amend a record of identifiable information about him; and (5) any organization creating, maintaining, using, or disseminating records of identifiable personal data must assure the reliability of the data for their intended use and must take precautions to prevent misuse of the data.[51]

Several years later, in 1980, the Organization for Economic Cooperation and Development ("OECD") would publish its *Guidelines on the Protection of Privacy and Transborder Flows of Personal Data*. The OECD Guidelines articulated eight Fair Information Practices that incorporated the HEW Report's principles and are still today universally recognized as a solid foundation upon which to build privacy legislation and policies.[52]

The fair information practices provide rules governing the processing of data subjects' personal data. "Processing," "data subjects," and "personal data" are broadly defined

[50] U.S. DEP'T OF HEALTH, EDUC., & WELFARE, Records, Computers and the Rights of Citizens: Report of The Secretary's Advisory Committee on Automated Personal Data Systems xx-xxi (1973) (hereafter "HEW Report"), available at http://aspe.hhs.gov/datacncl/1973privacy/tocprefacemembers.htm.

[51] *Id.*

[52] NAT'L CRIM. JUST. ASS'N, Justice Information Privacy Guideline: Developing, Drafting and Assessing Privacy Policy for Justice Information Systems 22 (NCJA 2002) (hereafter "NCJA Guideline"), available at http://www.ncja.org/Content/NavigationMenu/PoliciesPractices/JusticeInformationPrivacyGuideline/privacyguideline.pdf

terms.[53] One of the fundamental principles is providing to data subjects notice of data collection and data management practices.

2. NOTIFYING THE PUBLIC ABOUT THE USE OF LPR SYSTEMS

The most fundamental Fair Information Practice is notice.[54] Without notice, an individual cannot make an informed decision as to whether and to what extent to disclose information to the data collector. Moreover, other fair information practices are only meaningful when a person has notice of an agency's data collection and management practices.

The decision to provide the public with notice of a law enforcement agency's use of a LPR system involves the consideration of several competing interests. First, there is a growing recognition that promoting public confidence in the administration of justice is one of the primary goals of good government. One way to promote public confidence is to increase the transparency surrounding how LPR data will be managed by the law enforcement agency, even if the LPR data itself should not be released to the public. Doing so serves two purposes: first, it invites constructive comments regarding the operation of the LPR system, and second, it is a mechanism to hold the justice system accountable for adhering to the rules and procedures it develops.

There may also be benefits to being proactive about informing the public of the use of a LPR system. Since the public is very likely to discover an agency's utilization of LPR technology, it could be best to be forthcoming with a positive news story. Moreover, such publicity could also result in some deterrence effect as prospective offenders would be made aware that their license plate numbers could be collected.

Nevertheless, there may be drawbacks to providing the public with notice that LPR cameras are in use in the jurisdiction. Not providing notice can help minimize offenders' implementation of countermeasures. Additionally, knowledge of the locations of fixed LPR units may give offenders information they need to avoid, sometimes with the assistance of GPS devices, passing a LPR camera. Providing the location of fixed LPR cameras could also result in increased costs due to intentionally inflicted damage.

After weighing the costs and benefits, some agencies may still be interested in providing notice. There are several ways to provide public notice of a LPR system. One way is to post a notice on the law enforcement agency's website. To be effective, website notice should be clear and understandable as well as conspicuous and posted in a prominent

[53] Barbara Crutchfield George, *et al.*, *U.S. Multinational Employers: Navigating Through the "Safe Harbor" Principles to Comply with the EU Data Privacy Directive*, 38 AM. BUS. L.J. 735, 752 (2001).

[54] This is sometimes referred to as the *Openness Principle*, under which there should be a general policy of openness about developments, practices, and policies with respect to personal data. Under this principle, means should be readily available of establishing the existence and nature of personal data, and the main purposes of its use, as well as the identity and usual residence of the data controller. *See* NCJA Guideline *supra* note 52 at 31.

location. Agencies may also consider publishing their privacy impact assessments or portions of their LPR system information management policies for a public comment period. Although more costly, signage can also be used to inform the public that a LPR system is being utilized in the jurisdiction.

If a law enforcement agency opts to provide notice, it is recommended that the agency limit the publication of details regarding the locations of fixed and mobile LPR units.

5

Part 5. Access to and Dissemination of LPR data

Part 5 addresses the closely related concepts of access and dissemination of the data collected by LPR cameras. This Report explains the distinction between historical and active LPR data and the privacy concerns surrounding each. The access to and dissemination of LPR Hot Lists are also discussed.

A. ACTIVE AND HISTORICAL LPR DATA

Active LPR data is that information which is provided to an officer in real-time. It takes the form of alerts that a license plate number contained on a hot list is near a LPR unit, whether fixed or mobile. The LPR data recorded during an officer's shift and accessible from within the squad car can also be considered active data as it has not been downloaded into a historic database of LPR data.

Historical LPR data is essentially a database containing the dates, times, and locations of individually identifiable motor vehicles; it is considered passive as it is essentially LPR data that is stored for future use. The amount of historical LPR data available for inquiries depends, in part, upon an agency's number of LPR cameras and its retention policies.

This Report distinguishes between active and historical LPR data as a method of addressing privacy concerns regarding the observation and recording of the date, time, and location of individuals' automobiles. It is submitted that the real-time utilization of LPRs implicates less privacy concerns than historical LPR data. Historical LPR data raises more concerns because of the potential to link a license plate number with an identifiable person.

B. ACCESS TO LPR DATA

Police officials have a duty to investigate crimes and criminal conduct. To fulfill this responsibility, police officials collect various types of information in order to identify potential suspects. Active LPR data helps bring a law enforcement officer's attention to certain violations as they occur, such as the operation of a stolen car or a vehicle displaying license plates associated with a violent felony or child abduction. Historical LPR data can play an important role in the investigation of crimes and can be utilized to

help create investigative leads and ultimately prosecute offenders. Historical LPR data is also utilized in traditional forms of crime analysis.

Appropriate access to active and historical LPR data is guided significantly by the purposes for which it collected. Thus, LPR data may appropriately be accessed by law enforcement officials: (a) to support crime analysis efforts; (b) to alert law enforcement officials that a license plate included on a hot list is or has been near a LPR camera location; and (c) to help law enforcement officials detect instances of criminal conduct.[55]

LPR data is most likely to be utilized by law enforcement officers; nevertheless, there may be additional, foreseeable users of LPR data. Each type of authorized user's access permissions should be clearly articulated.

Moreover, although it is axiomatic that active LPR data is available to any law enforcement officer, agencies might consider establishing more specific criteria for granting access to historical LPR data. Reducing the level of access law enforcement officials have to historical LPR data can protect against misuse of the information and provide additional privacy protections.

C. DISSEMINATION OF LPR DATA

It may be appropriate to share LPR data with various agencies and individuals throughout the justice system. Any policy regulating the sharing of LPR data should clearly identify the receiving entity and the specific purpose for the dissemination. Secondary uses, defined as uses other than the original purposes underlying the collection of the license plate numbers as discussed earlier in this Report, should be described in detail.

1. SHARING LPR DATA AMONG LAW ENFORCEMENT AGENCIES

Law enforcement officials have a duty to investigate crimes and criminal conduct. To fulfill this responsibility, officers collect, analyze, disseminate, and retain a variety of information, including active and historical LPR data. Many of the proposed purposes for collecting license plate data through the use of LPR systems implicitly require the sharing of LPR data across jurisdictions.

It has long been a basic tool of criminal investigators to start with known subjects and vehicles, and, with proper authorization, look for information about them and the people with whom they interact. Historical LPR data could provide police officials with information concerning the location of specific vehicles and, as a result, identify individuals for investigation because of their link to a vehicle observed by a LPR camera.

[55] *See* Part 4 of this Report; subsection (c) is intended to include law enforcement monitoring of certain identified individuals' compliance with travel restrictions and identification of previously-undetected crimes.

Although some of the connections revealed by an analysis of historical LPR data may be tenuous, it is the role and responsibility of law enforcement officials to exhaust investigative leads, something they routinely do in the course of any criminal investigation.

Combining LPR data from agencies in the same region can aid in the investigation of cold cases and in the identification of larger or more expansive crime trends.[56] Where one jurisdiction has already identified a vehicle of interest, it may be enough for a law enforcement agency of another jurisdiction to share the LPR data concerning that particular license plate number. Alternatively, conducting analyses of crime trends and series across jurisdictions may require submitting significant amounts of historical LPR data to another agency or regional data repository.

2. SHARING LPR DATA WITH OTHER GOVERNMENT ENTITIES

Several types of governmental agencies are likely to request LPR data from law enforcement entities. These agencies include, but are not limited to, parking enforcement bureaus,[57] departments of transportation, airport authorities, port authorities, and state departments of motor vehicles. While such requests may be for statistical information, other requests, like those from agencies like parole and departments of corrections officers,[58] might seek LPR data related to specific license plate numbers.

With the development of Fusion Centers, existing guidelines and memoranda of understanding regarding the inter-agency sharing of law enforcement data likely address the sharing of LPR data.

3. SHARING LPR DATA WITH THE PUBLIC

LPR data should only be shared for legitimate law enforcement purposes as it is considered for official use only. There may be instances where law enforcement purposes are furthered by sharing LPR data with the public. Whether LPR data may be shared with the public depends upon the type of entity receiving the LPR data, the nature of the information disseminated, and the circumstances surrounding the disclosure.

[56] Although not always the case, fixed LPRs frequently capture "transient vehicles" driving through a jurisdiction whereas mobile LPRs collect license plate data from local vehicles. Thus, fixed LPRs may further regional law enforcement goals whereas mobile LPRs may be of more value to local law enforcement agencies.

[57] Parking enforcement bureaus are not considered law enforcement in many jurisdictions.

[58] In many jurisdictions, parole and probation officers are peace officers with specific powers of arrest; in those instances, the sharing of information with such officers should be considered the sharing of LPR data among law enforcement agencies.

(a.) LPR data may be shared with private security personnel

Approximately 85 percent of the nation's critical infrastructure[59] is owned by the private sector and vulnerable to crime, such as terrorism and fraud.[60] Fusion Center Guidelines provide for the sharing of certain types of law enforcement data with privacy security personnel even where such access is not available to the public at large.[61] Thus, historical LPR data may be shared with private security personnel in accordance with memoranda of understanding and non-disclosure agreements entered into with the law enforcement agency.

(b.) LPR data may be shared with certain non-governmental organizations

Certain non-government organizations, such as the National Insurance Crime Bureau or the National Center for Missing and Exploited Children may seek access to LPR data. Certain statistical and license plate specific LPR data[62] may be shared with such entities to further the purposes underlying the collection of the license plate numbers by the LPR system. Law enforcement agencies should enter into memoranda of understanding or non-disclosure agreements with the non-government organization receiving the data.

(c.) LPR data may be shared with the general public in certain instances

Although there should be a general prohibition on the dissemination of LPR information to the general public, LPR data[63] could be useful in line-ups and in identifying vehicles involved in the commission of crimes or hit-and-run accidents. Such information may also be useful in seeking missing persons. In these and similar circumstances, law enforcement entities may want to affirmatively disseminate LPR information to the public.

In addition to case-by-case disseminations that take place during the course of an investigation, there may be instances where a vehicle or its known occupants pose a threat of substantial harm to the public. In these instances, the head of a law enforcement agency may release to the general public or news media LPR data that could reasonably protect the public from harm.

[59] Critical infrastructure is defined as those systems and assets, whether physical or virtual, so vital to the United States that the incapacity or destruction of such systems and assets would have a debilitating impact on security, national economic security, national public health or safety, or any combination of those matters. U.S. Dept. of Justice, *The National Criminal Intelligence Sharing Plan*, 13 (October 2003) (hereafter "NCISP") available on-line at http://www.it.ojp.gov/documents/NCISP_Plan.pdf.

[60] U.S. Dept. of Justice, *Fusion Center Guidelines—Developing and Sharing Information in a New Era*, 17 (August 2006) (hereafter "Fusion Center Guidelines") available on-line at http://www.it.ojp.gov/documents/fusion_center_guidelines_law_enforcement.pdf.

[61] *Id.* at 29.

[62] Although statistical summary information is unlikely to create privacy concerns, the sharing of LPR data related to a license plate number may raise privacy issues.

[63] LPR data may include images of vehicle occupants.

D. UPDATING AND SHARING HOT LISTS

Hot lists are typically uploaded onto a LPR system daily and can be updated by the authoring agency or an officer in the field. Hot list information can come from a variety of sources, including but not limited to, stolen vehicle information from the National Insurance Crime Bureau and the National Crime Information Center (NCIC), as well as national AMBER Alerts and Department of Homeland Security watch lists. Departments of Motor Vehicles can provide lists of expired registration tags and police departments can also interface their own hot lists to the LPR system. Hot lists can be uploaded onto a LPR system either as separate lists or merged into a single list.

Law enforcement officials have access to the license plate numbers contained on any LPR hot lists. Some hot lists will contain numerous license plate numbers and officials may not be able or desire to review their entire contents. Thus, for purposes of sharing hot lists across jurisdictions, it may be beneficial for law enforcement agencies that create hot lists to maintain supporting documentation regarding why a particular license plate number is on the specific hot list and make that information available, upon request, to the agency utilizing that hot list as part of its LPR system.

The heads of law enforcement agencies are ultimately responsible for determining which hot lists are uploaded onto the agency's LPR system and what actions officers take in response to a LPR hit. Agencies may want to establish some criteria for determining which hot lists will be uploaded onto the LPR system.

Since hot lists are created to enhance law enforcement officers' abilities to conduct investigations and provide for officer safety, the contents of hot lists should not be disseminated to the public.

E. SECURITY SAFEGUARDS

The focus of this Report is to set forth the impact LPR systems may have on the public's privacy interests; nevertheless, security safeguards may impact the degree to which the public's privacy may be impacted by a law enforcement agencies' operation of a LPR system. LPR data is sensitive enough to be categorized for official use only. As such, LPR systems should be protected by reasonable security safeguards to prevent loss or unauthorized access, destruction, use, modification or disclosure of LPR data. Ensuring that LPR data remains secure is one way for law enforcement agencies to build public confidence.

Law enforcement agencies may consider taking several steps to help secure LPR data. LPR systems and the computers that access them should utilize anti-virus software and firewalls. Additionally, authorized users should be required to utilize alphanumeric passwords consisting of a combination of upper and lower case letters, numbers and symbols; users should also be required to frequently change their passwords and keep

them safe. Law enforcement agencies should also utilize encryption technologies to protect LPR data in storage and in transit over networks.

6

Part 6. Retention of LPR data

Although retention periods were once necessitated by physical storage constraints, electronic storage of records has made the destruction of criminal justice and law enforcement information largely unnecessary. Thus, whether to retain a piece of information indefinitely is now a matter of policy. Part 6 addresses the retention of LPR data; it highlights several criteria a law enforcement agency may want to consider when developing a retention policy. This Part ultimately concludes that a comprehensive study of LPR data practices may be necessary to identify standards for retention periods.

A. RETENTION OF CRIMINAL JUSTICE DATA, GENERALLY

Criminal justice agencies are continuously collecting information about individuals. While some information is collected pursuant to an incident or an arrest, other information is gathered as a result of a tip and follow-up investigation. The information law enforcement agencies collect may be personally identifiable and other information may simply relate to the facts or circumstances of an event. This continuous collection, when combined with indefinite retention of that information, creates some privacy concerns.

The indefinite retention of law enforcement information makes a vast amount of data available for potential misuse or accidental disclosure. Additionally, retaining certain types of information indefinitely can be a form of undesirable social control that can prevent people from engaging in activities that further their own self-development, and inhibit individuals from associating with others, which is sometimes critical for the promotion of free expression. Although there are several reasons to retain certain types of law enforcement data for a substantial period of time,[64] those reasons may not apply to LPR data. Moreover, the indefinite retention of LPR data may enhance certain information dissemination risks.

[64] Official criminal history record information is collected and maintained to compile crime statistics, assist a court in imposing an appropriate sentence, and to help corrections officials make prisoner placement decisions. Criminal history records are also maintained to implement sentence enhancement provisions for recidivists and are also used to ensure that civil disability and offender registration statutes are properly applied. *See* U.S. Dept. of Justice, *Use and Management of Criminal History Record Information: A Comprehensive Report*, 101-127 (NCJ 187670, Dec. 2001) available on-line at http://www.ojp.usdoj.gov/bjs/abstract/umchri01.htm.

Nevertheless, justice practitioners and policy-makers are justifiably hesitant to destroy records. The government's reluctance may be rooted in investigators' experience that seemingly irrelevant or untimely information may acquire new significance as an investigation brings new details to light.[65] Deleting or destroying information, justice practitioners argue, would impede investigations and potentially result in fewer cases being solved.

Unfortunately, state and local records acts don't resolve the issue of data retention. The requirements contained in records retention laws vary from state to state.[66] Most statutes allow, but do not require, the destruction of particular criminal justice records after an established period of time. In many instances, governmental and law enforcement agencies must apply for permission to destroy records prior to doing so. Even though an agency may not be required to dispose of its electronic records, it may choose to remove LPR data from its information systems as a means to address the public's privacy concerns or simply to reduce the costs of storing the numerous back-up tapes necessary to ensure a computer system can recover from an unforeseen disaster.

B. CRITERIA TO CONSIDER WHEN ESTABLISHING RETENTION POLICIES

There is no formula for determining how long LPR data should be retained; nor have standards or guidelines been established that agencies can refer to as they set out to develop LPR data retention policies. In fact, there is surprisingly little literature discussing what criteria should be considered in developing retention periods for electronic criminal justice information in general or for LPR data in particular. Nevertheless, agencies may still need to explain their reasons for retaining LPR data for as long as they do.

1. STANDARD CRITERIA SHOULD BE ESTABLISHED TO ASSIST AGENCIES' DEVELOPMENT OF LPR DATA RETENTION POLICIES

A law enforcement agency seeking to develop a retention period for the data collected by and contained in its LPR systems faces many challenges. Chief among these challenges is the lack of thoroughly researched and well-articulated guidelines regarding how long LPR data should appropriately be retained.

LPR data is multi-faceted and subject to many potential uses. Historical LPR data may lose some of its value over time due to the sale and transfer of automobiles. The public's privacy interests regarding the stored LPR data may diminish as time passes. It's

[65] *See* 68 Fed. Reg. 14140 (2003).

[66] A threshold issue exists as to whether a contextual image taken by a LPR camera and the data associated with that image (including but not limited to the OCR text of the license plate and the date, time and location of observation) are considered records under the law of the jurisdiction.

uncertain if each query-response from a LPR system should be considered a record separate from the underlying LPR data that resides in the system.[67]

Although there are certain criteria that are intuitively useful when deciding how long to retain LPR data, it is unclear how those criteria relate to each other or which criteria would be considered more important in the case of a conflict. There may also be several criteria that are not intuitive but provide sound rationales for the retention or destruction of LPR data.

Thus, there is considerable need to establish a set of guidelines, including standard criteria, to assist law enforcement agencies in their development of retention policies for LPR data. Establishing such guidelines will likely require a thorough study of existing LPR data practices and rationales in use across the country and perhaps internationally. The IACP recommends that such a study be conducted and the results utilized to establish a set of standard criteria as well as guidelines for how those criteria may be used by law enforcement agencies in their development of a retention policy for LPR data.

2. INTERIM CRITERIA EXIST THAT AGENCIES MAY CONSIDER AS THEY DEVELOP RETENTION POLICIES

Regardless of whether a law enforcement agency deletes LPR data after 30 days or retains LPR data indefinitely, it may be called upon to explain how it came to that determination. Even though there is no set of standard criteria or guidelines for the appropriate retention of LPR data, there are still certain criteria specific to LPR data that a law enforcement agency may use to explain its decision to retain LPR data as long as it does.

Although not an exhaustive list, the criteria that follow are interrelated and can be applied comprehensively when setting a retention period for LPR data collected, used, and maintained by a law enforcement agency. Each criterion is described in greater detail below. It is important to note that these criteria are not beyond criticism. The application of the criteria is susceptible to multiple interpretations. Thus, two agencies can review the same facts about their respective sets of LPR data and come to different conclusions about how long the information should appropriately be retained. This is the result of the many judgments that must take place during the development of a retention policy and further counsels the need for uniform guidance in this area.

(a.) Statutes of limitation

Statutes of limitation exist to encourage prompt investigations and prevent stale prosecutions. Where LPR data is associated with crimes not subject to a statute of limitations, law enforcement agencies are justified in setting a long retention period.

[67] If so, those records may have different retention periods; specifically, the query-response record would likely be maintained for purposes of monitoring system use as opposed to supporting criminal investigations.

Conversely, where LPR data is associated with a crime that is subject to a shorter statute of limitation, law enforcement agencies may tend toward setting a shorter retention period.

It is important to note that certain characteristics of a criminal offense that might otherwise have a shorter statute of limitations may operate to extend or toll statutes of limitation.[68] Where those characteristics are present, the LPR data may be retained longer. Similarly, this criterion favors a longer retention period where the LPR data at issue concerns a crime that may be one of a series of acts performed at different times.[69]

Unfortunately, there are several difficulties with implementing statute of limitations criteria. Specifically, these criteria are premised upon the prompt reporting of crimes and that all steps of a crime take place in the same proximity to the location of the occurrence. Some crimes, especially those against property, may go undetected for some time; this may be the case where the property owner is away on vacation. Other crimes are the result of several steps made by one or a group of offenders that may not be readily detectible within days, weeks, or even months of an incident.

Furthermore, a large majority of LPR data will not be directly associated with a crime. Where this is the case, other criteria may need to be relied upon.

(b.) Potential future usefulness of the LPR data

Information collected by LPR systems may have usefulness beyond an individual investigation. Not only could information be part of a continuing series of acts as discussed in the statute of limitations criteria above, but information may be useful to generate leads for the investigation of subsequent crimes. Moreover, the retention period of LPR data may differ depending upon its foreseeable uses.

Law enforcement agencies may consider whether the characteristics of the LPR data (e.g., the geographic location or the date and time of the LPR camera observations) warrant keeping the information for a period longer than the statute of limitations alone advises.

The characteristics of the jurisdiction might also weigh in favor of retaining LPR data longer. For instance, jurisdictions containing likely targets for terrorism may justify retaining LPR data longer. Additionally, differences between LPR data collected by fixed and mobile LPR units may influence retention periods. LPR data collected by fixed units mounted near bridges and other critical infrastructure within a jurisdiction may have

[68] Characteristics of crimes that may extend or toll a statute of limitations vary from state to state. Generally, statutes of limitations are extended in cases involving *inter alia* certain thefts involving a breach of fiduciary duty, identity theft offenses, and certain sex offenses; statutes of limitations are typically tolled *inter alia* when the defendant is not residing in the prosecuting jurisdiction or when a material witness is on active military duty.

[69] Such crimes typically include conspiracy and thefts by deception that continue over a period of time.

greater long-term usefulness than mobile LPR data. Moreover, law enforcement agencies may also base their decision to maintain LPR data for a longer period of time on the premise that the information is useful in counterterrorism measures.[70]

Additionally, law enforcement agencies might also consider whether the LPR data is appropriate for the forms of crime analysis likely to be performed. Vehicle descriptions, including full and partial license plate numbers, are a type of information commonly utilized to analyze similarities of different crimes to connect them to a common offender. The more useful the LPR data is for crime analysis purposes, the more likely a law enforcement agency can justify a longer retention period for the information.

LPR data may also serve important officer safety needs. For example, it can be useful for officers to know that a vehicle was near a domestic violence call or was previously involved in a suspect's use of violence toward police officials. Where the LPR data is likely to improve officer safety, law enforcement agencies may establish a longer retention period for the information.

Some criteria, however, may reduce the potential future usefulness of information and counsel a shorter retention period for LPR data. Retaining vast amounts of data for long periods may undermine the usefulness of an information system over time. Depending upon its capabilities, the overall performance of an information system may decrease as the amount of data stored increases. Not only might it take longer for the system to search its vast repository of data, but the system might also return too much information for a user to sort through effectively.

Thus, processing, analysis, and user limitations of a LPR system caution against overly broad interpretations and expectations of the potential future usefulness of LPR data. These criteria also counsel a shorter retention period for LPR data that is not likely to generate a useful investigative lead, inform a crime analysis technique, or enhance officer safety.

Another consideration that might reduce the potential usefulness of information is lack of public support of the LPR system and its information practices. A law enforcement agency may wish to consider the public's reasonable expectations of how LPR data may be used in the future when developing a retention period for LPR data. In most instances, the public's expectations likely are parallel to the justice system's practices; this is true especially in regard to generating future leads, informing crime analyses, and helping to ensure officer safety. Upsetting reasonable expectations can subject an information system to intense public scrutiny and lead to formal resistance to not only a LPR program but future information systems as well. When taking the public's expectations into account, it is useful to consider the availability of a substitute source

[70] The 9/11 Commission Report found that it took between two and four years to plan and carry out the attacks against the World Trade Center.

of information that would meet the same need but not contain the same risks of alienating the public's trust and confidence in the justice system, such as electronically compiled traffic warnings and citations.

(c.) Relative sensitivity of the LPR data

Part 1 of this Report has already discussed the limits of LPR data to identify individuals and concluded that LPR data is not alone personally identifying. Part 2 cautioned against combining LPR data with other personally identifying data because the LPR data relates only to the vehicle's whereabouts and not necessarily the registered owner or occupant.

Nevertheless, LPR data may be considered sensitive for the purposes of setting a retention period because: (1) it can serve as a gateway to other, more personally identifying information; and (2) the locations from which the LPR data was collected may be considered potentially sensitive. Locations which may be considered sensitive may include, but are not limited to, churches, doctor's offices, clinics, and protest staging areas.

The public's perception that the law enforcement agency will protect the LPR data from improper disclosure is a significant criterion when establishing a retention period. The higher the public's confidence in the law enforcement agency, the more receptive the public may be to a longer retention period. Conversely, if public confidence in the agency's ability to maintain the confidentiality and security of the LPR data is low,[71] a shorter retention period may be advised.

(d.) Quality of LPR data

Although it seems intuitive that reliable LPR data that is accurately attributed to the right vehicles may be retained longer than LPR data that is of lesser quality or from a less reliable source, data quality is not a very useful criteria in the development of a retention period. Law enforcement agencies do not have any control over the quality of LPR photographs or OCR reads of those images. Moreover, even inaccurate OCR reads can yield positive results because the contextual photo may still contain valuable data. Thus, arguments that LPR data should be retained for a shorter period of time due to the uncertain quality of the information are unlikely to be persuasive.

(e.) Technologically implemented policy controls

Information technologies can be utilized to address potential risks of harm associated with accidental and abusive disclosure of the information. Policy controls that can be technologically implemented as part of a law enforcement data system include, but are not limited to, rule-based processing functions, selective revelation of data, encryption, and audit trails. Implementing policy controls promote the public's confidence in a law

[71] Public confidence in a law enforcement agency's ability to maintain the confidentiality of LPR data could be reduced due to the scope of that jurisdiction's freedom of information act.

enforcement agency's abilities to keep LPR data confidential and to limit misuse of the data by authorized and unauthorized users.

Where law enforcement agencies have reduced the risks of improper disclosure of LPR data through training and technologically imposed access restrictions on the data, a longer retention period may be appropriate. Where only minimal training or access restrictions are present a shorter retention period may be advised to reduce the amount of data in the LPR system available for inadvertent disclosure or purposeful misuse.

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Part 7. Quality of LPR data

Data quality concerns implicated by the operation of a LPR program surround the quality of the license plate data collected by LPR cameras as well as the quality of the information contained on the hot lists that are uploaded to the system. This Part introduces the concept of information quality, describes the data quality issues surrounding OCR reads taken from contextual photos, and briefly discusses the accuracy of information contained in hot lists uploaded onto a LPR system.

A. INFORMATION QUALITY, CONCEPTUALLY

Information quality is a multidimensional concept encompassing critical relationships among multiple attributes.[72] For instance, the quality of a particular set of information can be expressed, among other ways, as the extent to which the data is: (a) available or easily and quickly retrievable; (b) appropriate for the task at hand; (c) regarded as true and credible; (d) easy to interpret and apply to different tasks; (e) correct and reliable; or (f) unbiased, unprejudiced, and impartial.[73] Together, these attributes contribute to the validity of the information as it is used to make informed decisions. Good information quality is the cornerstone for sound decisions by law enforcement officers and inspires trust in the criminal justice system and in the agencies that use information.

Data quality takes on significant importance in the development of information sharing policies. Law enforcement agencies may be more reluctant to share data that is of poor or uncertain quality, preferring instead to share data that can be verified as accurate. Restricting the dissemination of potentially inaccurate data helps to limit the possibility that subsequent users will act or rely upon erroneous information.

Incorporating data quality principles into a privacy or information management policy requires a careful consideration of the accuracy of data contained in the information system and the documentation of the protocols that will be used to locate and correct erroneous information.

[72] U.S. Dept. of Justice, *Information Quality: The Foundation for Justice Decision Making*, 1 (Feb. 2008) available on-line at http://www.it.ojp.gov/documents/IQ_Fact_Sheet_Final.pdf.
[73] *Id.* at 2.

B. ACCURACY OF LPR COLLECTION OF LICENSE PLATE NUMBERS

LPR cameras capture images of vehicles and license plates; optical character recognition (OCR) software utilizing sophisticated algorithms translate the alphanumeric characters on each license plate into an electronically readable format. The image collected by a LPR camera is maintained in the information system to provide a means of ensuring that the license plate number was properly converted into an electronically readable format.[74] A LPR system's ability to accurately identify the characters on a license plate lies at the heart of the data quality issue.

1. OCR ACCURACY

Many variables affect OCR accuracy. Each state has multiple license plate designs and plates vary significantly from state to state. For maximum effectiveness, LPR systems must be properly configured to recognize the design and layout of plates most likely to be encountered in the area of operation. The shape of the characters, amount of contrast between a particular state's background and the color of the license plate's characters, and whether the characters are raised or flat can all impact the accuracy of the OCR read.

Poor image resolution, and thus poor character recognition, can be the result of several factors. License plates can be too far away for the capabilities of the LPR camera to capture and motion blur can also occur. Poor lighting and low contrast due to overexposure, reflection, adverse weather conditions, or shadows can also result in a poor image quality. Occasionally, an object might obscure all or a portion of the license plate and interfere with accurate OCR. Oftentimes the object is a tow bar, dirt on the license plate, or a loaded bike rack; other times the object may be a LPR circumvention device.

Increasing the height of the LPR camera may correct some of these problems; however, changing the position of the LPR camera with respect to the license plate it is supposed to read may require the system to adjust for the new orientation and increased skew of the license plate.

From time to time, states may make significant changes in their license plate formats and designs that can substantially impact OCR accuracy. For instance, a state might add a character or issue a new license plate design. LPR systems must adapt to these changes quickly in order to remain effective.

Sometimes the letter D is mistaken for a Q or an O. Other times, the characters on the license plate are sometimes cut off from the frame of the image; when this occurs, the OCR software may incorrectly read an E as an F or a Z as a 7. Some colors, especially reddish tones, may be difficult for LPR system OCR software to read. Learning the type

[74] Law enforcement agencies should not strip the image from the OCR information in order to save storage space; the OCR information cannot be verified without the contextual photo.

of mistakes LPR system's OCR software makes can help investigators run queries on potentially-misread license plate numbers.

2. COMPARISON OF OCR INFORMATION WITH HOT LIST DATA

Another data quality challenge involves the comparison of the OCR data with the license plate numbers on a hot list. States develop license plate number formats robust enough to provide unique serials for all the motor vehicles the jurisdiction expects to register. Less-populous states may use six-character formats whereas more populous states may choose to utilize a seven-character format.[75] Complicating this factor is the fact that multiple states may utilize the same alphanumerical formats; for example, neighboring states may use three letters followed by four numbers. Thus, two cars from different jurisdictions could have the same number, but different license plate designs.[76] This means that each time a law enforcement officer is alerted to the proximity of a vehicle displaying a license plane number contained on a hot list, the user should make certain that the plate that caused the alert matches the hot list data.

C. ROUTINE DATA QUALITY AUDITS OF INFORMATION SYSTEMS

Although law enforcement officers are able to visually confirm an OCR read against the contextual image, regular and systematic audits can also ensure that the quality of data contained in the LPR system remains high. There is also considerable precedent for subjecting law enforcement computer systems to data quality audits.[77] Data quality audits are distinct from system usage audits and focus on the accuracy of the information. In the context of a LPR system data quality audits would concentrate on measuring the accuracy of the OCR output when compared with contextual images.

As discussed above in Part 6, law enforcement agencies have no way to influence the accuracy of the OCR performed upon an image captured by a LPR camera. Nevertheless, law enforcement agencies will rely upon the accuracy of LPR data as they conduct their investigations. Conducting data quality audits is another method of ensuring that law enforcement officers rely upon accurate and complete LPR data. Data quality audits also have the ability to identify routine errors made by OCR software thereby identifying concrete areas for future improvement.

[75] Delaware and Rhode Island are able to use formats of 123456 and 123-456, respectively, while several populous states use seven-character formats, including 1ABC234 in California, AB1-C234 in Texas, A12-3456 in Illinois, and ABC-1234 in New York, Pennsylvania, Ohio, Georgia, North Carolina, Virginia, and Arizona.

[76] This is also common in the area of vanity license plates.

[77] Mandatory audits are routinely conducted of official criminal history record information (CHRI) repositories to measure the accuracy, completeness, and timeliness of their data. *See* 28 C.F.R. § 20.21(e). These audits are one of the reasons the justice system and society have deemed official CHRI records reliable enough on which to base important decisions affecting individuals' liberty interests.

Law enforcement agencies should develop procedures for identifying and correcting inaccurate OCR reads. Data corrections may be performed on an *ad hoc* basis by investigators as they utilize the LPR system in the course of their investigations or by auditors conducting a formal data quality audit.

D. ACCURACY OF INFORMATION CONTAINED IN HOT LISTS

It is axiomatic that law enforcement officers would have access to the license plate numbers contained on any LPR hot lists. Nevertheless, many hot lists are compiled or administered by entities other than the law enforcement agency utilizing the LPR system. This means that law enforcement agencies frequently do not have supporting documentation regarding why a particular license plate number is on a particular hot list.

Because law enforcement officers will act upon a LPR system hit, it is important that information contained in hot lists is accurate. NCIC requires that records entered into the vehicles hot list be double checked by a second party to verify that the data entered matches that contained in an investigative file.[78]

Law enforcement agencies utilizing a LPR system may develop procedures to verify with the hot list's author that a license plate number is properly on the list prior to taking certain arrest-type actions. Thus agencies compiling hot lists for later use in an LRP system should maintain records sufficient to verify the accuracy of the hot list data.

The heads of law enforcement agencies are ultimately responsible for determining which hot lists will be uploaded onto the agency's LPR system and what actions officers take in response to a LPR hit. Agencies may want to establish some criteria for determining which hot lists will be uploaded onto the LPR system. Those criteria may include indicia of the hot list's accuracy and the ease with which law enforcement officials can verify, from the field, that a particular license plate number properly belongs on the hot list. Moreover, law enforcement agencies utilizing a LPR hot list should take steps to confirm which agency (i.e., the law enforcement agency utilizing the LPR system or the agency that authored the hot list) is ultimately responsible for the quality of the data contained on the hot list.

E. NO INDIVIDUAL RIGHT TO ACCESS OR CHALLENGE LPR DATA

As LPR data alone is not personally identifiable, there is no need to extend to individuals a right to access or challenge LPR data concerning the vehicles registered in their name.

[78] U.S. Dept. of Justice, Federal Bureau of Investigation, *National Crime Information Center Mandatory Minimum Standards Curriculum for Full Access Terminal Operations*, LPF-17; LPR-22 (1992) available on-line at: http://www.eric.ed.gov/ERICWebPortal/custom/portlets/recordDetails/detailmini.jsp?_nfpb=true&_&ERICExtSearch_SearchValue_0=ED354315&ERICExtSearch_SearchType_0=no&accno=ED354315.

Moreover, LPR systems simply collect and compile images of vehicles (and in some instances vehicle occupants) that pass within range of a LPR camera. That contextual picture depicts the scene captured by the LPR camera; there is no basis under which an individual could reasonably challenge the contents of the photograph. Furthermore, there is less of a need to provide individuals with an opportunity to access LPR data because the information is not released to the public.

Nor is it appropriate or necessary to grant individuals access to review or challenge hot list information since doing so would likely interfere with pending or future investigations. Although federal statutes grant individuals a right to access and challenge to certain criminal justice related information concerning them,[79] there is no comparable right to investigative information.[80] Additionally, hot lists enhance law enforcement agencies' ability to detect crime and provide critical officer safety information. Thus, LPR hot lists, which consist only of license plate numbers, are not the type of personally identifying information that would ordinarily be subject to an individual's right to access and challenge.

[79] *See* 28 C.F.R. § 20.21(g)(1).

[80] *See* 28 C.F.R. § 20.3(d) (excluding investigative information from the definition of criminal history record information).

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Part 8. Accountability for LPR data

Many privacy concerns can be mitigated by holding law enforcement agencies accountable for the information they collect and how they subsequently use that information. This Part describes several methods by which agencies can ensure that they are complying with applicable policies regarding the appropriate collection and use of LPR data. Utilizing tamper-proof audit trails combined with oversight in the form of real-time monitoring and subsequent analysis of LPR system usage can provide a check on the privacy concerns described earlier in this Report.[81] Training authorized users is also a critical accountability measure.

A. AUDIT LOGS

The primary goal of maintaining audit logs is to deter and discover users' abuse and misuse of a LPR system. Programmatic audit trails should be built into LPR systems and such logs should be checked for inconsistencies that raise a suspicion of abuse. Law enforcement officers may be discouraged from requesting LPR data if they know that their access to that data is being monitored and recorded; nevertheless, such audit capabilities can be an effective means to discourage unnecessary or inappropriate use of LPR data and trace any improper uses to the offending party.

In order to facilitate the periodic and random audits necessary to monitor user compliance with relevant laws and policies, audit logs should include certain information. Specifically, queries to a LPR system should be logged and include: (1) the identity of the user initiating the query; (2) the license plate number or other data elements used to query the LPR system; (3) the date and time of the inquiry; and (4) the response to the user's query.

B. SECONDARY DISSEMINATION LOGS

Since LPR data is for official use only, and because LPR data is collected for specified purposes, instances where LPR data is disseminated outside the originating agency should be documented in a secondary dissemination log. Such logs, like programmatic audit trails, help law enforcement agencies monitor the use of LPR data. When information from a LPR system is disseminated outside the law enforcement agency, a

[81] See K. A. Taipale, *Technology, Security And Privacy: The Fear of Frankenstein, the Mythology of Privacy and the Lessons of King Ludd*, 7 YALE J.L. & TECH. 123, 151 (2005).

log should be maintained that contains: (1) a description of the LPR data disseminated; (2) the date and time the information was released; (3) the identity of the individual to whom the information was released, including their agency and contact information; and (4) the purpose for which the LPR data will subsequently be used.[82]

C. MONITORING AND CONDUCTING AUDITS OF SYSTEM USE

Audits of LPR systems help to ensure that law enforcement agencies are operating in accordance with the policies developed to regulate the collection, use, and dissemination of LPR data. An audit of a LPR system involves an evaluation of the law enforcement agency's operations as recorded in its audit logs to determine if the agency is administering its LPR system in accordance with its information management policies. LPR system audits should focus on ensuring that LPR data is only disclosed to authorized users and that the information is utilized for official purposes only. To do this, auditors should be familiar with common misuses of LPR data.

Existing law enforcement data systems already have policies that include prohibitions against misuse of criminal justice data; those policies also frequently impose penalties for such misuse. These existing policies may inform information management policies against misuse of data contained in a LPR system.

D. POLICY AWARENESS AND TRAINING

Personnel employed by law enforcement agencies should be informed about why policies limiting access, use, and dissemination of LPR data are important and how those policies protect the agency and the public. Moreover policy education and awareness surrounding LPR systems is a continual process that must be regularly updated as laws and regulations governing LPR data or law enforcement's access to information change over time.

Each law enforcement agency will have the responsibility of ensuring that its employees have completed training about the appropriate use and sharing of LPR data. LPR system policies should be easily accessible by law enforcement agency employees and, depending upon the level of detail, available to the public as well.[83] Users should be educated and informed about how LPR policies will be enforced, including any penalties for committing violations of the policy provisions.

Law enforcement agencies may consider having each individual with access to the LPR data acknowledge their access to and thorough understanding of LPR system policies.

[82] The DPPA contains a similar requirement; see 18 U.S.C. § 2721(c).

[83] Where LPR system policies are considered too detailed, law enforcement agencies may consider developing a guidance document to inform the public, in general terms, of practices and procedures developed to address privacy concerns surrounding LPR data.

Law enforcement agencies should monitor relevant legislative and regulatory activity and update LPR system policies accordingly. When policies are updated, those individuals having access to LPR data should be informed of the changes and when those new terms take effect.

A:1

Appendix 1: 2007 Resolution on LPR Systems

In 2007, the International Association of Chiefs of Police ("IACP") passed the attached resolution in support of License Plate Reader (LPR) technology. The resolutions adopted by the IACP at the114th Annual Conference in New Orleans, Louisiana on October 16, 2007 are available on-line at http://www.iacp.org/resolution/2007Resolutions.pdf.

INTERNATIONAL ASSOCIATION OF CHIEFS OF POLICE

RESOLUTION

Adopted at the 114th Annual Conference
New Orleans, Louisiana
October 16, 2007

SUPPORT FOR LICENSE PLATE READER SYSTEMS

Submitted by the Narcotics & Dangerous Drugs Committee
NDD.020.a07

WHEREAS, effective anticrime programs are effective antiterrorism programs; and evidence indicates that terrorist organizations which are funded in part by the sale of illegal drugs adds a new dimension to the need for continued investigation of narcotics related crime; and

WHEREAS, license plate reader and related digital photographing systems at border checkpoints incorporate the use of technology that provides a searchable database, including associated photographic images; license plate information; and statistical data such as date, time, and entry lane; and

WHEREAS, license plate reader systems and related digital photographing systems, working in combination with existing law enforcement databases, have the potential capability of identifying conveyances used for illegal activity, including the transportation of drugs and bulk cash; and

WHEREAS, law enforcement intelligence information may be shared more efficiently through greater use of technology and information sharing programs such as license plate reader systems to help ensure that investigative links are made to organized drug trafficking and related crime to the maximum extent possible; and

WHEREAS, all countries are encouraged to use technology such as license plate reader and related digital photographing systems, where practical, to share appropriate law enforcement information; and

WHEREAS, license plate reader and related digital photographing systems provide law enforcement with important tools necessary to combat all types of crime and is particularly useful in combating narcotics trafficking; and

WHEREAS, a significant commitment of resources will be required by federal, state, and local law entities to fully take advantage of this emerging technology; now, therefore, be it

RESOLVED that the International Association of Chiefs of Police duly assembled at its 114th Annual Conference in New Orleans, Louisiana, strongly encourages the U.S. Congress to fully fund license plate reader and related digital photographing systems, including interrelated

information sharing networks, for the northern and southern borders of the United States; and, be it

FURTHER RESOLVED that all countries are encouraged to use like technology, to the extent possible, to share appropriate law enforcement information; and be it

FURTHER RESOLVED that the IACP supports the development of a comprehensive License Plate Reader guide for law enforcement executives that addresses current technologies; best practices; privacy issues, legal implications, and open source data systems.

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Appendix 2: Issues Document

Issue identification: Privacy issues concerning the utilization of automated license plate readers is attached to provide additional context and areas of privacy concern that may not have been directly addressed in the PIA Report.

Issue identification:

Privacy issues concerning the utilization of automated license plate readers

March 24, 2009

INTRODUCTION

Law enforcement agencies across the country are utilizing or seeking to utilize automated license plate readers. There is currently no uniform guidance concerning the appropriate collection, use, dissemination, and retention of information collected by automated license plate readers. This is problematic because collecting license plate data, which is frequently associated with or connected to personally identifiable information concerning individual drivers, could be considered a form of surveillance. Assessing the privacy risks associated with the broad use of automated license plate readers and developing policies to address those risks will help ensure that license plate data is managed in such a way as to meet public safety needs while protecting individuals' privacy interests.

This document represents the Automated License Plate Reader Policy Working Group's efforts to document the privacy concerns that should be addressed by any criminal justice agency utilizing automated license plate readers or data collected by another agency's use of these devices.

This document is intended to continually evolve as additional uses for license plate reader information come to light. It will lay the foundation for the development of a guidance document intended to: (1) assess the impact of automated license plate readers on the public's privacy interests; and (2) propose procedures and policies intended to protect the public's privacy interests while meeting the goals of law enforcement.

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1. General privacy considerations

A. LICENSE PLATE NUMBERS AS PERSONALLY IDENTIFIABLE INFORMATION

Although license plates function primarily to uniquely identify automobiles, there is no doubt that many of the anticipated uses of license plate data involve acquiring the identity of the registered owner of the automobile. It is important to note that, because most law enforcement data systems have been designed with traffic stops in mind, it is very easy for a police officer to obtain information about vehicle owners and drivers from license plate information.

(1.) Because the license plate number operates in such a manner as to link the vehicle to its registered owner, should license plate numbers be discussed or treated in a manner similar to personally identifiable information?
(2.) Does it matter that law enforcement agencies and DMVs and their authorized employees are the only individuals able to access personally identifiable information from license plate data?
(3.) What anticipated uses of recorded license plate numbers involve accessing personally identifiable information about the vehicle's register owner?
(4.) What anticipated uses of recorded license plate numbers involve the mere monitoring or otherwise identifying a vehicle?

B. PUBLIC'S PERCEPTIONS OF AUTOMATED COLLECTION OF LICENSE PLATE DATA

There is no controlling legal precedent directly addressing the privacy implications surrounding law enforcement agencies' use of automated license plate readers ("LPRs"). Even though analogous cases suggest that the use of LPRs does not violate constitutional privacy protections, this does not mean that the public's perceptions of the use of this technology are addressed; nor should the fact that license plate numbers are publicly displayed end the inquiry.

It is likely that the public would consider the use of LPRs as a form of surveillance. Surveillance is the watching, listening to, or recording of an individual's activities. The potential harm of surveillance comes from its use as a tool of social control. The mere possibility of surveillance has the potential to make people feel extremely uncomfortable, cause people to alter their behavior, and lead to self-censorship and inhibition. Too much social control can adversely impact freedom, creativity, and self-development.

(1.) It may be desirable to educate the public as to what information is collected by LPRs, how that information will be used, what information is available to criminal justice agencies and what information is available to the public. Are there any risks of informing the public about an agency's utilization of LPRs and how the information will be used?

(2.) One of the most important notions underlying the Fair Information Practices[1] is the concept of notice; specifically, people should be informed when information about them is being collected in order to make an informed decision as to whether and to what extent to disclose information about them. In the context of LPRs, this would involve posting signs explaining to motorists that their license plates are being electronically read and recorded, thus affording them an opportunity to take a different route if they desired. Should motorists be informed of the presence of fixed and mobile LPRs?

(3.) Driving is considered by state governments as a privilege and not a right. How does treating driving as a privilege affect the nature of the data collection and the public's perceptions of the surveillance?

C. ADDRESSING THE CONCEPT OF PRACTICAL OBSCURITY

Privacy issues will always be generated by the collection and storage of information about the behavior of people not suspected of criminal activity regardless of whether that information is recorded by hand or compiled electronically. License plates function to uniquely identify automobiles. Frequently, license plate numbers are associated with the vehicle owner's driver's license number, which functions to uniquely identify the individual. Thus, automated license plate scanners have the potential to track the movement of individuals who have not committed and are not suspected of committing criminal acts.

Viewed in isolation, each piece of information created by one's day-to-day activities is not telling; however, viewed in combination, that information begins to paint a portrait of that individual's personality. It arises from the fact that data systems enable information from disparate sources to be easily collected and analyzed. In the context of LPRs, information such as a license plate number, while not in and of itself informative, provides access to a host of additional information such as the registered owner's identity and criminal history information.

The U.S. Supreme Court, in *U.S. Dept of Justice et al. v. Reporters Committee for Freedom of the Press*, 489 U.S. 749, 764 (1989), has recognized a difference, for purposes of evaluating privacy interests, between public records that might be found after a diligent search of courthouse files, county archives, and local police stations throughout the country and a computerized summary located in a single clearinghouse of information. Ultimately, the court ruled that the electronic compilation of otherwise publicly available but difficult to obtain records, altered the privacy interest implicated by disclosure of that information in such a way as to restrict the disclosure of the computerized summary of that information.

[1] The Fair Information Practices are addressed below in Section 1(E) of this document.

Manually recording license plate numbers of vehicles traveling near a particular location is an arduous and, depending upon the traffic conditions, impossible task without the use of camera technology. LPRs, however, can create summaries of all license plate numbers traveling past that camera. Just like in the *Reporters Committee* case, the use of advanced technology (i.e., LPRs) to compile otherwise difficult to obtain information (i.e., license plate numbers of every vehicle traveling past a particular location), even where that information is publicly and openly available, changes the public nature of that information and raises the privacy interests surrounding that information.

(1.) It is not enough that police are authorized to watch for and write down license plate numbers. The ability to collect vast quantities of license plate numbers and store them in a manner that facilitates analysis and tracking of vehicles carries with it privacy concerns. How does increasing the scale of the collection of data by means of LPRs remove practical obscurity as a source of privacy protection?
(2.) If license plate data is publicly available and is not cause for privacy concern, doesn't it stand to reason that law enforcement agencies would have no reason to deny any member of the public access to LPR data?
(3.) License plate data stored electronically may be combined with other data sources to create a more complete picture of individuals associated with certain vehicles. What other data sources may be combined with license plate data collected by LPRs?
(4.) Under what circumstances would the types of data identified in Issue 3 above be combined?

D. TYPES OF PRIVACY HARMS SURROUNDING THE USE OF LPRs

Poor data management can make people more vulnerable to harm (i.e., injuries to the individual's dignity, person, or financial well-being). Moreover, data collection activities, including but not limited to the use of LPRs, can upset the balance of social or institutional power in undesirable ways; the classic example of this issue is the potential chilling effect of being able to easily track individuals' vehicles and readily identify people based upon the vehicle they are driving. Privacy harms generally fall into four categories: information collection, information processing, information dissemination, and invasions.

(1.) <u>Surveillance</u> is the watching, listening to, or recording of an individual's activities. The potential privacy harm of surveillance is its potential use as a tool of social control: the mere possibility of surveillance has the potential to make people feel extremely uncomfortable, cause people to alter their behavior, and lead to self-censorship and inhibition. What is the potential surveillance impact of LPRs?

(2.) Identification is the act of connecting data to particular individuals. Identification enables surveillance by facilitating the monitoring of a person. The potential harm of identification is that it increases the government's power to control individuals. It can inhibit one's ability to be anonymous, which is important in so far as it protects people from bias based on their identities and enables people to vote, speak, and associate more freely by protecting them from the danger of reprisal. How can LPRs impact motorists' ability to associate and move freely?

(3.) Secondary use is the use of data for purposes unrelated to the purposes for which the data was initially collected without the data subject's consent. The potential privacy harm of secondary use is dignitary in nature in that it can undermine people's reasonable expectations as to the future use of the information about them. Another problem with secondary use is that data may be misunderstood when it is removed from its original context. What are the likely secondary uses of data collected by LPRs?

(4.) Aggregation is the gathering together of various pieces of information about a person. These issues are discussed in Section 1, Part C ADDRESSING THE CONCEPT OF PRACTICAL OBSCURITY above.

(5.) Breach of confidence involves breaking a promise to keep a person's information confidential. The harm caused by a breach of confidentiality is not simply that information has been disclosed, but that the promise made to the subject of the data has been broken. Protections against breach of confidentiality help promote certain relationships that depend upon trust, such as the relationship between citizens and their government. How will law enforcement agencies utilizing LPRs keep the license plate information confidential and secure?

(6.) Disclosure occurs when certain true information about a person is revealed that impacts the way others judge her character. The potential harm of disclosure involves the damage to an individual's reputation caused by the dissemination. Disclosure can also be a form of social control and carries with it the potential chilling effects associated with surveillance. How, when, and to whom will the data collected by LPRs be disseminated or disclosed?

E. FAIR INFORMATION PRACTICES

In 1973, the U.S. Department of Health, Education, and Welfare published a groundbreaking report responding to concerns that harmful consequences may result from the storing of personal information in computer systems. That report, entitled "Records, Computers and the Rights of Citizens," articulated several principles the Department deemed essential to the fair collection, use, storage, and dissemination of personal information by electronic information systems.[2] The report was one of the earliest acknowledgements by the federal

[2] U.S. DEP'T OF HEALTH, EDUC., & WELFARE, Records, Computers and the Rights of Citizens: Report of The Secretary's Advisory Committee on Automated Personal Data Systems xx-xxi (1973), available at

government that the public's privacy needed to be protected against arbitrary and abusive record-keeping practices. The report also recognized the need to establish standards of record-keeping practices appropriate for the computer age.

The Fair Information Practices are a set of standards governing the collection and use of personal data and addressing issues of privacy and accuracy. The practices include eight guiding principles that evolved from the 1973 report. Any privacy guidance for LPRs should consider incorporating the following principles.

(1.) Collection Limitation Principle – There should be limits to the collection of personal data and any such data should be obtained by lawful and fair means and, where appropriate, with the knowledge or consent of the data subject. Should certain criteria be met before using a license plate number acquired by an LPR to obtain the identity of the vehicle's registered owner?
(2.) Data Quality Principle – Personal data should be relevant to the purposes for which they are to be used, and, to the extent necessary for those purposes, should be accurate, complete and kept up-to-date. How accurately do LPRs record license plate numbers?
(3.) Purpose Specification Principle – The purposes for which personal data are collected should be specified not later than at the time of data collection. Additionally, the subsequent use should be limited to the fulfillment of those purposes or other compatible purposes.
(4.) Use Limitation Principle – Personal data should not be disclosed, made available or otherwise used for purposes other than those specified in accordance with the Purpose Specification Principle except: (a) with the consent of the data subject; or (b) by the authority of law.
(5.) Security Safeguards Principle – Personal data should be protected by reasonable security safeguards against such risks as loss or unauthorized access, destruction, use, modification or disclosure of data. This document focuses on privacy issues and will not discuss specific, technical security measures.
(6.) Openness Principle – There should be a general policy of openness about developments, practices, and policies with respect to personal data. Means should be readily available of establishing the existence and nature of personal data, and the main purposes of its use, as well as the identity and usual residence of the data controller. Will privacy guidance and/or the privacy policy regulating the use of LPR data be made available to the public?
(7.) Individual Participation Principle – An individual should have the right to: (a) obtain from a data controller, or otherwise, confirmation of whether or not the data controller has data relating to him; (b) have communicated to him,

http://aspe.hhs.gov/datacncl/1973privacy/tocprefacemembers.htm.

data relating to him within a reasonable time; at a charge, if any, that is not excessive; in a reasonable manner; and in a form that is readily intelligible to him; (c) be given reasons if a request made under subparagraphs (a) and (b) is denied, and to be able to challenge such denial; and (d) challenge data relating to him and, if the challenge is successful to have the data erased, rectified, completed or amended. Where license plate data is not utilized to access the identity of the registered owner of a vehicle, it is likely that this principle would not apply; nevertheless, should this principle be given effect for LPR data subsequently used to identify an individual's whereabouts?

(8.) Accountability Principle – A data controller should be accountable for complying with measures that give effect to the principles stated above. Accountability issues are discussed in their own section of this document.

2. Potential Uses of LPR data

Identifying the intended uses of LPR data is critical to assessing the privacy impact of law enforcement agencies' collection, analysis, and maintenance of license plate data. Moreover, how government agencies use the data they collect is of significant concern to the public. In accordance with the Purpose Specification and Use Limitation principles discussed above, a sound privacy policy should clearly identify appropriate and intended uses of the data contained in the information system.

A review of the existing literature concerning LPRs reveals five primary uses of LPR data; each anticipated use carries with it certain privacy risks that should be addressed.

A. CRIME ANALYSIS

Police agencies utilize crime analysis to prevent and suppress crime, apprehend offenders, and recover stolen property.[3] Crime analysis is usually conducted on offenses with discernable patterns and trends that can be prevented or reduced through the implementation of directed action plans.[4] A review of existing police crime analysis operations reveals that burglary, robbery, auto theft, larceny, fraud, sex crimes, aggravated assaults, and murder are the crimes most appropriate for crime analysis.[5]

There are three types of crime analysis: tactical, strategic, and administrative. Tactical analysis is the first priority of police departments.[6] Specifically, tactical crime analysis (a) detects crime patterns and series by studying and linking common elements of crimes;[7] (b) predicts when and where future events will

[3] Steven Gottlieb, *et al.*, Crime Analysis: From First Report to Final Arrest 14-16 (1994).
[4] *Id.*
[5] *Id.* at 133.
[6] *Id.* at 15.
[7] A crime pattern is merely a set of similar offences happening in a specific geographical area while a crime series is a crime pattern that appears to be done by either the same person or group of persons.

occur; and (c) provides information to officers regarding specific crime problems and is intended to result in the arrest of a suspect.[8]

Strategic crime analysis concentrates on long-term crime trends and is used to project where police presence should be increased or decreased. Administrative analysis, unlike tactical- and strategic crime analysis, interprets crime statistics categorized by economic, geographic, or social conditions and provides information for grant applications, feasibility studies, and city council reports.[9] Thus, administrative analysis provides information useful in running a police department while tactical and strategic crime analysis is intended to help the police department protect the public and enforce the criminal laws.

When law enforcement agencies talk about using LPR data to check crime series information to determine if the same vehicles are in the area of different crime scenes, they are referring to tactical crime analysis. Tactical crime analysis is used to determine who is doing what to whom and focuses on crimes against persons and property. Categories of data considered most useful for crime analysis are those relating to:[10]

- Geographic factors[11]
- Victim descriptors
- Physical evidence descriptors
- Suspect descriptors
- Time factors
- Property loss descriptors
- Specific *modus operandi* factors
- Suspect vehicle descriptors

(1.) What presumptions are inherent in tactical crime analysis with regard to vehicles?
(2.) Is it presumed that the registered owner of a vehicle is always the driver at the time the license plate number is recorded by an LPR?
(3.) Is it presumed that an individual is always near the location where his automobile is parked?
(4.) Is it presumed that an individual always parks near the location he intends to visit or reside?
(5.) Is it presumed that a registered owner always knows the identity of who is driving his vehicle at any given time?

Shawn A. Hutton & Mark Myrent, Incident-Based Crime Analysis Manual 34 (ILL. CRIM. J. INFO. AUTH. 1999).

[8] *Id.* at 7.

[9] Gottlieb, *supra* note 3 at 15 (stating that administrative analysis essentially includes the "nice to know stuff.").

[10] *Id.* at 128. Experienced analysts have found that the importance of each factor differs depending upon the type of crime being investigated. For example, suspect vehicle descriptors are more useful in determining whether a pattern of thefts from vehicles exists than a pattern of strong armed robberies. See *Id.* at 318-320.

[11] Spot maps can be of great assistance to the analyst. Nevertheless, spot maps will only depict crime patterns; additional information is necessary to determine if a crime pattern is also a crime series.

(6.) How do the presumptions involved in tactical crime influence when a license plate number collected by an LPR will be used to gather personally identifiable information about a vehicle's registered owner?
(7.) Are there ways that an individual's identity can be linked to a license plate number other than being a registered owner, perhaps through sex offender registration or gang member intelligence record?

B. ALERTS AND HOT LISTS

License plate numbers of stolen cars, vehicles owned by persons of interest, and vehicles associated with AMBER Alerts are routinely added to "hot lists" circulated among law enforcement officers. These lists serve an officer safety function as well as an investigatory purpose.

Hot lists are typically transferred daily and can be updated by an operator/officer in the field. Hot list information can come from a variety of sources, including but not limited to, stolen vehicle information from the National Insurance Crime Bureau and the National Crime Information Center (NCIC), as well as national AMBER Alerts and Department of Homeland Security watch lists. Departments of Motor Vehicles can provide lists of expired registration tags and police departments can also interface their own hot lists to the LPR system.

LPRs function in such a way as to notify an officer when a license plate on the hot list is observed; this can be the case for both fixed and mobile LPRs. LPR data can also be searched retroactively to identify a time and location of where a vehicle on a hot list was observed by the LPR camera.

(1.) What are the criteria for adding a license plate number to a hot list that would interface with an LPR?[12]
(2.) Do these criteria include or consider the proper attribution of a license plate number to an individual?
(3.) Is the license plate number on a hot list essentially being used as a proxy for the individual's name or other personally identifying information?
(4.) How are partial license plates handled for hot list purposes? (This may be a data quality issue as well.)
(5.) There may be instances where a license plate is incorrectly included on a hot list, perhaps because of an error in data entry or because the license plate number was attributed to the incorrect person. Is there a process or system in place to remove license plate numbers from hot lists or LPR systems in

[12] For instance, in order to activate an America's Missing: Broadcast Emergency Response (AMBER) Alert. A juvenile (a) must have been confirmed as abducted; (b) is under the age of 16 or has a proven mental or physical disability; and (c) is in danger of serious bodily injury. There also needs to be enough descriptive information to believe that a broadcast alert will help. Are there similar, quantifiable standards for other hot lists?

response to identified errors? (This may primarily concern data quality but is added here in the interest of completeness.)

C. TRACKING INDIVIDUALS

Many of the justifications for LPRs include an element of tracking individuals. It has been suggested that sharing LPR data across jurisdictions can assist law enforcement officials in tracking the movements of drug smugglers, money laundering operations, documented gang members, sex offenders, individuals on parole or wanted on warrants, and missing persons.

In instances of mass evacuations, it has been proposed that LPRs could be used to track not only how many vehicles have left an area but also as a means of tracking who has evacuated in an attempt to respond to calls asking about the welfare or evacuation status of a relative.

LPRs have also been used to record the license plate numbers of vehicles visiting or parked at or near several locations, including but not limited to certain businesses, bars and night clubs, car dealerships, gun shows, and schools. The recording of these license plate numbers has occasionally been used to create a working database in the event a problem or violent crime occurs at some point in the future. As cars can't answer questions, any investigation utilizing these license plate numbers would involve identifying the registered owner of the vehicles whose license plates have been recorded.

It has also been put forward that LPRs can be useful in enforcing geographic limitations on the movements of sex offenders, probationers and parolees, and people subject to orders of protection. LPRs can record the license plate numbers of vehicles parked or observed near certain locations such as schools and day care facilities, or residences and work addresses of people protected by court orders. These locations and individuals' license plates can be added to LPR systems to bring any violations to an officer's attention.

(1.) This collecting of information is a type of surveillance similar to the use of cameras utilizing facial recognition software. The license plate reader isn't just recording an image, it is collecting license plate numbers in an electronic manner that can be used, perhaps at some future point automatically and in real-time, to access various types of information about the person(s) associated with that license plate.
(2.) The uses described above rely heavily on matching a license plate number to a unique individual. How is this done and how reliable is this process? (This is also a data quality issue.)
(3.) Not everyone owns or operates an automobile, especially in large cities. Does the utilization of LPRs to track individuals raise issues of selective enforcement (e.g., it's easier to track and identify "bad guys" with cars so

these people become the focus of enforcement efforts instead of people who are harder to observe/track due to their lack of cars)?

(4.) How will law enforcement agencies utilizing LPRs address the potential chilling effects of increased, potentially large-scale surveillance of license plate information?

(5.) Should there be some sort of triggering mechanism (e.g., articulable suspicion that a crime or other violation has occurred) to authorize access to the location information of individuals?

(6.) When using LPRs to enforce geographic limitations on certain offenders (e.g., probationers, sex offenders, persons subject to orders of protection, etc.,), should the location information about these individuals be limited to those instances where the subject's vehicle was observed in a prohibited area, as opposed to obtaining a listing of all the locations, dates, and times where the vehicle was authorized to be?

D. IDENTIFY PREVIOUSLY-UNDETECTED CRIMES

The American criminal justice system has never been based upon a theory of total enforcement of the criminal laws. Police departments' responsibilities have continually increased due to the rising number of criminal and regulatory offenses at every level of government; there have not been equivalent increases in police resources. Where more responsibilities meet limited resources, a system of selective enforcement was informally established in which public officials at all levels exercise discretionary powers to determine whether an individual enters the criminal justice system and how that individual progresses through the system.

Several of the proposed uses of LPRs concern identifying or observing previously undetected criminal conduct. Specifically, agencies seeking to utilize LPRs have identified several instances involving the commission of crimes that prior to the utilization of LPRs would not only have be extremely difficult to detect by police officers but would only have been discovered by the individual's chance encounter with authorities. For example, data collected by LPRs could be used to enforce geographic limitations on the movements of sex offenders, probationers and parolees, and people subject to various court orders.

LPRs could also be used to help implement programs intended to more efficiently bring certain crimes to law enforcement officers' attention. Several states have programs to combat auto thefts that permit vehicle owners to provide written consent for their vehicles to be stopped without cause during late evening hours. LPRs can provide an efficient means of implementing such programs.

The failure to obtain and provide proof of mandatory car insurance is grounds for several states to suspend license plates and driver's licenses. Unless these

vehicles are operated in such a manner as to raise the suspicions of a police officer, these uninsured vehicles would remain undetected. Operating an uninsured vehicle puts the public in danger in the event of an accident. Police departments have expressed interest in utilizing LPRs to identify vehicles with registrations suspended for failing to obtain mandatory insurance coverage.

LPRs, like surveillance cameras, are excellent tools to figure out what has already happened. Although LPRs may serve some deterrent effect provided their use is overt, they provide no real capability to prevent a crime from occurring.

(1.) LPRs may be perceived by the public as a way to automate the criminal justice system. What types of human review and verification are employed before data collected by LPRs is used to make a determination about an individual?
(2.) Given a police department's available resources, will certain crimes detectable by LPRs be focused on more so than others?
(3.) Is license plate data collected by LPRs more useful to prove a violation after it has been reported to a police department or should police departments have a policy of affirmatively reviewing all LPR data for potential violations?
(4.) Are concerns about inequality (e.g., discrimination against or in favor of reviewing certain neighborhood's LPR data) raised by only reviewing some LPR data as opposed to all data?
(5.) In order to identify vehicles that may be operated by individuals with suspended, revoked, cancelled, or expired driver's licenses (hereafter "unlicensed drivers"), it will be necessary for license plates to be linked to individually identifiable drivers. How will this be done?
(6.) It would seem that identifying vehicles potentially being operated by an unlicensed driver would be a real-time enforcement activity.

E. REVENUE COLLECTION

Many states suspend or revoke license plates and driver's licenses for an individual's failure to pay fees, fines, or taxes owed to governmental entities. Municipal police departments can also compile or receive lists of license plates issued multiple parking violations. LPRs can bring to an officer's attention vehicles whose owners owe outstanding debts to the government.

Revenue collection is distinct from the concept of revenue generation. LPRs do not create a stream of revenue for a jurisdiction in the sense that they generate the issuance of a ticket or citation. Rather, LPRs only help identify those who have already committed a violation or offence and, as a result, owe a fine.

(1.) It can be argued that LPRs are being employed to maximize compliance with the laws and regulations of the jurisdiction, which are presumed to promote

the public's safety and well-being. Nevertheless, it is likely that such activities will be perceived as a revenue collection measure.

(2.) Whereas law enforcement may access a great quantity of personally identifying information concerning individuals to investigate crimes and protect public safety, the balance between collecting revenue and preserving the public's privacy rights is considerably different.

(3.) Will revenue collection efforts potentially involve the transfer or LPR data to other non-law enforcement entities?

(4.) Local and state government agencies owed outstanding debts may only have limited personally identifying information of the debtor and very likely lack an individual's license plate number. Information obtained from these agencies must then be matched up to a license plate record contained in a department of motor vehicle record. Thus, the data from at least two sources is combined before it even goes into an LPR system. Do revenue collection efforts create additional data quality concerns with regard to linking individuals who owe the government fees, fines, or taxes to license plates?

(5.) Are there instances where a city department other than a law enforcement entity will be utilizing LPRs? If so, how does that affect the preparation of a Privacy Impact Assessment Report?

3. Collection

A. LICENSE PLATES PROVIDE ACCESS TO PERSONALLY IDENTIFIABLE INFORMATION.

Although license plates don't directly include personally identifiable information, they are frequently associated, by means of computer inquiries, with an individual owner. Thus, a license plate number serves as the gateway to personally identifiable information. In fact, many of the potential uses of license plate data rely upon the premise that the registered owner of a vehicle is actually driving it. The mere collection of information regarding individuals implicates privacy concerns. Fewer concerns are raised by the collection of information about individuals premised upon some reasonable suspicion that they are acting unlawfully. Great concerns regarding the public's privacy interests are raised when the government collects information about individuals for investigatory purposes absent any suspicion of criminal wrongdoing.

(1.) Exactly what information are LPRs capable of collecting?

a. Optical Character Recognition (OCR) of license plate numbers;
b. Digital images of license plates as well as the vehicle's make and model;
c. Digital image of the vehicle's driver;
d. Images of distinguishing features (e.g., bumper stickers, damage);
e. State of registration;
f. Camera identification;
g. GPS coordinates or other location information;

h. Date and time of observation;
i. Other data elements?

(2.) What information will agencies actually collect from LPRs?

(3.) What factors inform the balance of the amount of data collected to address privacy concerns while still meeting legitimate law enforcement needs?

(4.) How does the fact that license plate numbers constitute potentially identifiable information affect the compilation, access, analysis, and dissemination of LPR data?

(5.) Should certain criteria be met before using a license plate number acquired by an LPR to obtain the identity of the vehicle's registered owner? If so, what are the most appropriate criteria?

(6.) In most states, the minimum age for an individual to be issued a drivers license is below the age of majority. Thus, at any given time, LPRs may be collecting information concerning minors. How does this potential to collect information concerning juveniles impact the collection, analysis, dissemination, and retention of LPR data?

B. LPR DEPLOYMENT

LPR systems can observe and record over 1,000 license plates an hour in various lighting and weather conditions. LPRs can be fixed, mobile, or portable. A fixed LPR is permanently mounted, usually to a bridge or a pole, where as a mobile unit is permanently mounted to a marked patrol vehicle. A portable LPR can be moved from vehicle to vehicle or deployed in a covert configuration.

(1.) Notifying the public about the collection of license plate numbers by LPRs will differ significantly depending upon the type of LPR deployed.

(2.) Do the three manners of LPR deployment change or otherwise impact the privacy concerns surrounding the collection of license plate numbers? If so, should privacy policy guidance address the manner of deployment that causes the most privacy concerns or should any guidance address the manners of deployment separately so that agencies can select a manner of deployment that suits their needs best?

(3.) When will covert deployments be necessary for law enforcement efforts?

(4.) What are the advantages of covert deployments?

C. NOTICE OF DATA COLLECTION

Not only do the Fair Information Practices counsel collecting only that information that is relevant or necessary, but that the collection of data about individuals should be done with the knowledge or consent of the data subject.

Under the openness principle, agencies should provide notice about how they collect, maintain, and disseminate personal information. Complete notices generally include statements that: (a) describe the main purposes for the data's use; (b) identify the entity responsible for the data; (c) identify those who may

access or receive the data; (d) explain whether providing the information is mandatory or voluntary and the consequences of failing to provide the information; and (e) inform the data subject of any rights he may have to access the data and rectify errors.

(1.) Will privacy guidance and/or the privacy policy regulating the use of LPR data be made available to the public?
(2.) Would distribution of the privacy policy itself provide sufficient notice?
(3.) Is notification to individuals whose information has been collected made after covert deployment has been conducted? Should such a notification be made? What are the resource implications of providing this notice? Is this administratively burdensome?
(4.) Does the public know that the cameras they pass on roads are fixed LPRs by signage? By any other means?
(5.) How can the public be notified about an agency's utilization of mobile LPRs?
(6.) The Fair Information Practices also hold that agencies should communicate to affected individuals when personally identifiable information about them is requested or released to other parties. Should compliance with this requirement be applicable to LPR data? Would such compliance be unduly burdensome to the efficient administration of justice?

D. "OWNERSHIP" OF LPR SYSTEM DATA

Clearly establishing which entities have authority over and bear responsibility for the data contributed to the LPR system is of paramount importance. The concept of ownership, while complex in any plan to share electronic data, is critically important to identifying which entities are responsible for ensuring the proper management and treatment of the information as well as implementing any data quality safeguards.

(1.) What entity will ultimately be responsible for the operation of LPRs and the data collected by them?
(2.) What entity will ensure that data collected by LPRs is of sound quality?
(3.) What factors go into the determination of whether to share LPR data across jurisdictions?
(4.) Will the entity from which LPR data originates (i.e., the data "owner") maintain any controls on the subsequent uses and disseminations of the data?

E. LAW ENFORCEMENT COLLECTION OF LPR DATA COMPILED BY OTHER ENTITIES

Police and other criminal justice agencies are not the only entities utilizing or seeking to utilize LPR cameras. For instance, some shopping centers and individual stores are installing fixed LPR cameras at their entrances to capture license plates numbers. LPRs are also used by private companies that facility auto repossessions. Other government entities also collect LPR data; a county

agency responsible for operating a center for care of the elderly is interested in installing fixed LPRs to operate in conjunction with CCTV surveillance of the premises. Some of this privately collected LPR data may be made available to law enforcement agencies or actively sought after by police departments.

(1.) Should LPR data collected by other agencies be managed differently than data collected by the law enforcement agency's own LPRs?
(2.) Should LPR data collected by a non-law enforcement agency be treated differently than LPR data collected by a law enforcement agency?
(3.) Does the sale of LPR data by a law enforcement agency resemble a commercial use? Because the Fair Information Practices were first developed to address commercial uses of data, would it be advisable for a law enforcement agency interested in selling its LPR data to incorporate the FIPs into its data management policies?
(4.) Would selling the data call into question an agencies' position that the data should be treated as confidential?

F. COMPILATION AND SUBMISSION OF "HOT LISTS"

Many of the potential uses of LPR data require the comparison of license plate numbers collected by an LPR to numbers contained on a previously compiled list. These hot lists may be compiled by the local police department utilizing LPRs or compiled by other state or federal government agencies. The purpose of these lists is to bring to law enforcement officials' attention whenever the vehicle or individual somehow associated with that vehicle is nearby so that police officers can act accordingly. Actions taken by police officers will vary depending upon the list that contains the vehicle's license plate number.

(1.) What hot lists are law enforcement agencies likely to utilize as part of an LPR program?
(2.) Under what authority are hot lists created and how does a license plate number get submitted or included on a hot list?
(3.) While some hot lists focus on identifying a particular vehicle (e.g., stolen cars, AMBER alerts, etc.), other lists seem to focus on trying to identify and locate specific individuals (e.g., sex offenders, wanted persons, etc.). What steps are taken to link an individual with a license plate?
(4.) Are the links between license plates and individuals verified or updated on a regular basis?
(5.) Various government agencies compile hot lists that law enforcement agencies may consider utilizing. Do hot lists developed by law enforcement agencies carry privacy implications different from hot lists developed by other government, but non-law enforcement agencies?
(6.) What is the range of actions police officials take when an LPR identifies a license plate number contained on a hot list? Do police take any steps to verify that a license plate number is properly on the hot list?

(7.) If an officer stops a vehicle due to its inclusion on a hot list, may the officer reveal to the driver the reason the license plate was added to the hot list or the name of the agency that created the hot list?

4. Access to and Dissemination of LPR Data

LPR systems that electronically collect, analyze, and share license plate number data have the potential to improve the criminal justice system by enhancing the types of data available to apprehend offenders and identify previously undiscovered criminal activity. LPR data, when appropriately shared, can reveal relationships among persons, places, vehicles, and activities that would not be readily apparent in a paper-based information-sharing environment.

A. SHARING LPR DATA AMONG LAW ENFORCEMENT AGENCIES

Police officials have a general duty to investigate crimes and criminal conduct. To fulfill this responsibility, police officials collect, analyze, disseminate, and retain a variety of information.

It has long been a basic tool of criminal investigators to start with known subjects, and, with proper authorization, to look for information about them and the people with whom they interact. LPR data could provide police officials with information concerning the possible location of individuals and, as a result, identify new individuals for investigation because of their connection with a suspect or incident location. Although some of the connections revealed by an analysis of LPR data may be tenuous, it is the role and responsibility of police officials to exhaust investigative leads.

(1.) It is axiomatic that the real-time operation of mobile and portable LPR units results in a police official's access to LPR data, most frequently in the form of notifications that officer is near a vehicle contained on a hot list.

(2.) There seems to be a distinction between (a) a notification to a police official that a vehicle bearing a license plate number that is also contained on a hot list and (b) accessing stored LPR data concerning the times and locations a vehicle was observed. It is proposed that these purposes for accessing LPR data be addressed separately. Can these purposes for access be referred to as: (a) "notification data" and (b) "historic LPR data"?

(3.) Should there be a triggering device before a police official can access LPR data contained in some type of data repository concerning the times and locations a vehicle was observed? If so, what should that trigger be (e.g., reasonable inference of criminal conduct, reasonable suspicion, demonstrable need to know)?

(4.) It is envisioned that LPR system data will be used in various forms of crime analysis. How will this crime analysis be conducted? What information will the results of the crime analysis contain and who may access these results?

(5.) Is the presence of a license plate number on a hot list, alone, sufficient to justify stopping a vehicle? After stopping a vehicle on the basis that it's license plate is on a hot list, should police officials have to verify that a license plate number is properly included on a hot list before taking any formal decisions regarding the vehicle or driver?

(6.) Although a location under the observation of an LPR remains fixed inside a local jurisdiction, many of the proposed purposes for collecting license plate data through the use of LPRs require the sharing of LPR data across jurisdictions. For example, in order to conduct an analysis of crime trends and series across jurisdictions may require submitting large quantities of historic LPR data to another agency or regional data repository. Alternatively, where another jurisdiction has already identified a vehicle of interest, it may be enough for a law enforcement agency to share the LPR data concerning that particular license plate number. How broadly will historic LPR data be shared across jurisdictions?

(7.) How will requests for LPR data be processed?

(8.) Will the originating agency impose any restrictions on the secondary dissemination of LPR data that it provides to other criminal justice agencies? If so, how will the originating agency ensure that those restrictions are followed?

B. SHARING LPR DATA WITH OTHER GOVERNMENT ENTITIES

Since the traditional sharing of investigatory information as a case progresses through the criminal justice system is already the subject of substantial amounts of case law and in some instance court supervision, this document does not address the subject. As a case progresses through the justice system, the LPR data is treated as any other type of evidence in the case. Thus, this document won't address the sharing of LPR data by a police department with a prosecutor's office.

One of the proposed purposes for the use of LPRs is to enforce geographic limitations on the movements of sex offenders, probationers and parolees, and people subject to orders of protection. This will require the exchange of license plate numbers, relevant geographic information, and actual observation data with agencies such as court clerks' offices, probation departments and departments of corrections.

Some individuals owe fees and fines to a variety of federal, state, and local governmental agencies. LPR technology can also be utilized as a tool to facilitate the collection of outstanding fees and fines owed to governmental entities.

(1.) For purposes of LPR data, are probation and corrections departments considered law enforcement agencies?

(2.) What types of LPR data will be shared with non-law enforcement agencies?

(3.) Under what circumstances should police officials share LPR data with non-law enforcement agencies?
(4.) What other government agencies are likely to request LPR data from a law enforcement agency and for what purposes?
(5.) Are probationers and those on parole or mandatory supervision required to provide a license plate number as a condition of supervision? Who may access such disclosures?
(6.) How does an individual who owes a governmental entity a fee or fine become associated with a license plate number?

C. PUBLIC ACCESS TO LPR DATA

A parallel can be made between the recordings of a license plate by an LPR to the recordings of a radio transponder used to electronically pay a toll. Individuals using radio transponders to pay tolls can frequently obtain a listing of the tolls they paid that includes the toll location, date, and time the vehicle passed the toll. This can be useful for monitoring the use of the transponder. In similar fashion, it is possible that agencies utilizing LPRs may receive requests for data as to the location, date, and time their license plate was recorded by an LPR.

LPR data, potentially including images of the vehicle and the driver, could be useful in line-ups, identifying vehicles involved in hit-and-run accidents, or seeking missing persons. In these and similar circumstances, law enforcement entities may want to affirmatively distribute LPR information to the public.

(1.) Every state has a freedom of information or "sunshine" law that provides the public with access to information maintained by government agencies. How will such requests for LPR data be handled? Are any statutory exemptions likely to permit an agency to withhold requested LPR data?
(2.) Will all LPR data be considered limited to criminal justice agencies or otherwise be considered law enforcement sensitive? Does categorizing LPR data as law enforcement sensitive provide any additional privacy protections to the public? Are there any potentially negative consequences to law enforcement of treating LPR data as law enforcement sensitive?
(3.) Under what public safety circumstances might a police agency seek to disseminate LPR data to the public?
(4.) How might LPR data be disseminated to the public? What methods of dissemination would likely be used?
(5.) Would LPR data be used in a photo array/line-up situation?
(6.) What criteria would be used to determine whether to disseminate LPR data about missing persons? Do certain factors related to age and competency of the missing person influence the public dissemination of LPR data?
(7.) Electronic data systems can create substantial quantities of statistical summary information. LPR systems can generate reports detailing, among

other things, the number of (a) license plates recorded by a certain camera during a requested time period, (b) times a certain license plate is recorded passing a particular camera, and (c) "hot list" license plates spotted versus the gross number of license plates recorded. Will LPR systems be designed to generate statistical summary information regarding their operations? What types of statistical summary information would be helpful in administering an LPR system?

(8.) Who may have access to statistical summary information generated by the LPR system?

D. ACCESS AND DISSEMINATION OF "HOT LIST" DATA

For purposes of clarity, this document separates LPR data from Hot List data. Section 3 (E) COMPILATION AND SUBMISSION OF "HOT LISTS" provides background information concerning the various types of hot lists likely to be utilized as part of an LPR system.

(1.) Are there any limits to the access and dissemination of hot lists? Can hearsay rules provide some guidance on the dissemination and secondary dissemination of hot list data?

(2.) How will requests for hot list data pursuant to a sunshine law be handled? Are any statutory exemptions likely to permit an agency to withhold requested hot list data? Are such exemptions permissive or must an agency withhold data if an exemption can be applied?

(3.) Are hot lists considered the "property" of the agency that compiles it? Does that ownership carry with it ultimate responsibility for the accuracy and completeness of the data contained in the list?

(4.) Is a local law enforcement agency's use of hot lists required by any statute or rule? Is the use of hot lists optional?

(5.) Who is entitled to see what license plate numbers are contained on a hot list?

(6.) What is the basis of any limitations on the public disclosure of hot list information? Are limits on such disclosure mandatory in nature?

(7.) Should there be limits placed on the types of hot lists that will be uploaded into an LPR system?

5. Retention

Although data retention periods were once necessitated by physical storage constraints, electronic storage of records has made the destruction of criminal justice information largely unnecessary. Thus, whether to retain LPR data indefinitely is a matter of policy that should take into consideration, among other things, the justice system's future need for the information as well as the public's reasonable expectations of privacy in the data. It may be important to note here that the Fair Information Practices call for the destruction of personal

information when it no longer serves its original processing purposes. Thus, destruction is included in the concept of retention.

(1.) Ultimately, we must determine how long LPR data should be retained. Alternatively, a set of standards could be developed that would assist local police departments in establishing their own retention periods. Which approach best suits the needs of agencies seeking to utilize LPRs?
(2.) Images collected by LPRs can be separated from the text-only data generated by OCR software. Should the image data be treated differently than the text-only data for purposes of establishing retention standards? If so, why, and how do those reasons impact the retention periods of the data?
(3.) What is the difference between a tactical use of LPR data and strategic uses? How do these different uses factor into establishing a reasonable retention period for LPR data?
(4.) How do state records retention acts and other laws created to aid in government oversight affect the determination of how long to retain LPR data?
(5.) What existing laws, regulations, or policies, if any, currently govern the retention and destruction of LPR data?
(6.) What does it mean to destroy LPR data?
(7.) Is LPR data the type of information that may become stale?
(8.) What factors might inform the establishment of data retention standards for LPR data?
    a. Statutes of limitation exist to encourage prompt investigations and prevent stale prosecutions. How do statutes of limitations impact the retention of LPR data that may be collected near a crime scene? Do statutes of limitation also impact the retention of LPR data not directly associated with a specific criminal event?
    b. Information collected as part of an investigation may have usefulness beyond the life of the case. Not only could information be part of a continuing series of acts (important for statute of limitations purposes), but information may be useful to generate leads for the investigation of subsequent crimes or for crime analysis purposes. Although LPR data may be used to conduct various forms of crime analysis discussed in Section 2(A) CRIME ANALYSIS above; there is also a strong undercurrent of pure surveillance to the utilization of LPRs. How do the potential uses of LPR data weigh in favor of or opposed to longer retention periods for LPR data?
    c. The quality of LPR data will likely weigh into any determination as to how long to retain license plate information collected by LPRs. It is submitted that information of a higher caliber and reliability and that is accurately attributed to the right individuals will weigh in favor of a longer retention period than information that is of lesser quality or from a less reliable source that is inaccurately complied.

d. The level of trust that the public has that the justice system will maintain the confidentiality of the data and use it appropriately is a substantial factor. The lower the level of trust, the higher the public's desire may be to destroy LPR data after a shorter time period.
e. Using information technologies to implement sound policy controls is one way to promote the public's confidence in the justice system's ability to keep sensitive information confidential and limit authorized users' misuse of the data. What technologically implemented policy controls are available concerning LPR data?
f. The social desirability of maintaining vast quantities of surveillance data on the travels of individuals via their license plates is also a key factor in the establishment of a retention period for LPR data.

(9.) Should retaining LPR data automatically include the ability to search the information with analytical tools, or could the LPR data just be stored for limited purposes (e.g., audit or subsequent verification)?

(10.) Is there going to be one centralized repository for retaining license plate data from multiple LPRs?

6. Accountability issues

Transparency surrounding how LPR data is managed, regardless of whether LPR data itself is available to the public, is important to promoting public confidence in an LPR program. Accountability issues arise throughout all stages of the LPR program, beginning with an agency's decision to utilize LPRs, continuing through the policy development stages, and finally to the implementation of those policies.

A. DECIDING TO USE LPRS

At some point an agency should formally decide whether to implement an LPRs program. Logistical and privacy issues should be discussed and a formal determination to procure and utilize LPRs should be documented.

(1.) Which entities ultimately approve the use of LPRs?

(2.) What deliberative process was utilized to determine whether to use LPRs in the jurisdiction?

(3.) Which entities will ultimately control the use of LPRs and the data they collect?

(4.) What are the potential misuses of LPR data and how can they be safeguarded against?

B. ACCOUNTABILITY DURING POLICY DEVELOPMENT

Although the privacy issues identified in this document are varied, they can all be addressed by holding the agencies utilizing LPRs accountable for securing the information they collect and how they subsequently use that information. Agencies should strive to provide sufficient oversight and transparency in the development and implementation of a privacy policy.

(1.) The stakeholders of any information system are usually those individuals whose information is being collected and those individuals who are using the information. Who are the stakeholders of an LPR program?
(2.) Will these stakeholders be contacted or approached to provide comments into the policy development processes?
(3.) Is there any reason to exclude certain stakeholder groups from the privacy policy development process?
(4.) Will there be a public comment period concerning a proposed data management or privacy policy for the LPR program? Will policy development meetings be open to the public?
(5.) Who will ultimately be responsible for the development of a policy governing the collection, access, use, dissemination, and retention of LPR data? Who will be responsible for the adoption of such a policy?

C. ACCOUNTABILITY PROVISIONS CONTAINED IN A PRIVACY POLICY

The Fair Information Practices, Section 1 (E) above, provide that a data controller should be accountable for complying with measures that give effect to privacy protections contained in its policies. There are several means of ensuring that agencies utilizing LPRs or the data collected by LPRs are complying with any applicable policies regarding their use.

(1.) Will LPRs systems utilize programmatic audit logs that document system notifications to users, user queries, and other entries into the LPR computer systems? What information should be contained in such a log?
(2.) Will the LPR system log maintain primary and secondary dissemination logs? How detailed do dissemination logs need to be?
(3.) Who will be responsible for monitoring use of LPR data and conducting audits of the use of LPR data?
(4.) Who will be responsible for investigating allegations that LPR data has been misused?
(5.) Are entities that receive LPR data going to be made subject to the terms of the privacy policy? Should entities that receive LPR data from an originating jurisdiction be required to identify an individual responsible for ensuring that the LPR data is properly managed?
(6.) Should individuals be able to challenge an agency's compliance with LPR policy provisions?
(7.) If individuals were permitted to allege misuse of LPR data or that an agency is otherwise failing to abide by LPR policies, how would such allegations be filed and how could frivolous challenges be avoided?
(8.) Do existing models for filing complaints about police service provide a sound framework for LPR complaints?
(9.) Are periodic compliance audits by an independent agency desirable? If so, what sorts of compliance issues should be audited? Should such audits

examine the LPR data itself as well as the appropriateness of the dissemination of the data?

(10.) What sort of penalties for non-compliance should be devised?

7. Data quality

Information quality is a multidimensional concept encompassing critical relationships among multiple attributes. For instance, the quality of a particular set of information can be expressed, among other ways, as the extent to which the data is: (a) available or easily and quickly retrievable; (b) appropriate for the task at hand; (c) regarded as true and credible; (d) easy to interpret and apply to different tasks; (e) correct and reliable; or (f) unbiased, unprejudiced, and impartial. Together, these attributes contribute to the validity of the information as it is used to make informed decisions. Good information quality is the cornerstone for sound decisions by justice practitioners and inspires trust in the justice system and in the agencies that use information.

Data quality concerns implicated by the operation of an LPR program will focus on the quality of the license plate data collected by the LPR cameras, as well as the quality of the information contributed to the system in the form of hot lists. The sharing of LPR data across jurisdictions is also likely to be affected by the quality of the system's information.

A. ACCURACY OF LPR COLLECTION OF LICENSE PLATE NUMBERS

(1.) Is there any human review of LPR data collection?

(2.) What is the accuracy of LPR cameras in their collection and recognition of license plate numbers? Is there an accuracy percent given by manufacturers (i.e. 98% of license plates are read with optical character recognition (OCR) accurately)? Is there an accuracy percent observed by individuals operating LPR cameras? Are these percentages comparable?

(3.) Several things may negatively affect LPR camera's ability to recognize a license plate, such the amount of contrast between a particular state's background and the color of the license plate's characters. Are there any known difficulties with LPR OCR software? For example, do LPRs have difficulty identifying certain novelty or out-of-state license plates?

(4.) What entity will be responsible ensuring the data collected by LPRs is of sound quality?

(5.) What entity will be responsible for identifying inaccuracies in LPR data and correcting them?

(6.) Regular and systematic audits are one way of ensuring that the quality of information used by justice practitioners remains high; there is considerable precedent for subjecting law enforcement information systems to data quality audits. Will LPR systems be subject to a routine audit requirement? What will be involved in implementing such a requirement?

(7.) Restricting the sharing of potentially inaccurate data is one way to limit the possibility that users in receipt of the information will act upon erroneous information. If the data collected by LPRs is of uncertain quality, will agencies restrict the sharing of their LPR data?

B. ACCURACY OF INFORMATION CONTAINED IN HOT LISTS

Many of the potential uses of LPR data depend in large part upon the quality of the hot lists that will be uploaded into police department computer systems. Little is publicly known about these hot lists and how they are compiled.

(1.) For what reasons are hot lists compiled?
(2.) Which hot lists concern officer safety and which do not?
(3.) Should hot lists that are officer safety related be treated differently than those that are not related to officer safety?
(4.) Because hot lists are compiled by different agencies, are there different rules governing access to the contents of each list? For example, is a hot list from a department of revenue containing license plates with outstanding parking tickets publicly disclosed while a hot list compiled by a police department containing sex offender license plates not?
(5.) Are there statistics concerning the accuracy of data contained in hot lists?
(6.) Is there any method for an individual to challenge their inclusion (or the inclusion of their vehicle's license plate number) on a hot list? If so, who provides this method, the list's authoring agency or the police department that is uploading the hot list into the LPR system?

C. PARTIAL LICENSE PLATES

There are several instances where witnesses are only able to provide partial license plates. As partial license plates are, by definition, incomplete, they create data quality concerns. Nevertheless, partial license plates serve important investigative purposes.

(1.) How do LPR systems handle notifications where partial license plate numbers are involved?
(2.) Should there be different policies concerning the entry of partial license plates onto hot lists or other notification lists?

D. RIGHTS TO ACCESS AND CHALLENGE LPR DATA

(1.) To what extent, if any, should individuals be afforded a right to review and challenge information about them or their license plates collected by an LPR? What factors would help to make this determination?
(2.) There would probably have to be a limitation on this right where it would interfere with a pending investigation.

(3.) Should the right to access and review, if granted, also include a listing of individuals and agencies to whom the information was previously disclosed?
(4.) If it were appropriate to grant individuals a right to access and challenge LPR data about them, what types of administrative procedures would need to be developed?
(5.) Could existing access and review provisions (e.g., those created for Criminal History Record Information) serve as a guide to access and review of other types of justice information? Should a provision be considered that is similar to the section of the Fair Credit Reporting Act that permits the subject of the information to append a narrative to the record that explains his version of it?

8. Intelligence issues

Intelligence analysis is a time consuming and labor-intensive process that focuses on organized crime such as narcotics smuggling, money laundering, gangs, terrorism, and auto theft rings.[13] Specifically, intelligence analysis is the study of criminal relationships and establishes links between known or suspected criminals and other suspected criminals or organizations.[14] It links suspects to criminal organizations or events to determine who is doing what with whom. This goal of intelligence analysis, to determine who is doing what with whom, does so by focusing on the relationships between persons and organizations. Surveillance information, including field observations and travel information collected by LPRs, about suspects and those associated with him are a key part of this type of crime analysis.[15]

There is concern about the government collecting information and creating dossiers about people in the absence of probable cause.

(1.) In what circumstances could LPR data be considered the type of surveillance data that may qualify as intelligence information?
(2.) Is intelligence data information collected on “bad guys” before they commit a crime or is it somehow related to information collected during the investigation of a crime that has already been committed?
(3.) How is intelligence information different from surveillance information? Is there a distinction?
(4.) Do the provisions of the Privacy Act and the Department of Justice’s intelligence systems regulations sufficiently protect the privacy interests of individuals under the surveillance of LPRs? If not, what protections should be

[13] Gottlieb, supra note 3 at 27, 33.
[14] *Id.* at 27.
[15] *Id.* at 28-31.

included in a policy designed to regulate the sharing of LPR information across jurisdictions?

9. Security

Privacy and security, while related, are not the same thing. Although privacy cannot be maintained without security, security alone does not guarantee privacy interests are being respected. The goal of this document is to identify the privacy issues that should be addressed prior to an agency's implementation of an LPR program. As such, this document acknowledges that security is a component of ensuring the effectuation of privacy policies, but does not go into particulars regarding technological security safeguards such as user IDs, passwords, encryption, and firewalls, which are best left to IT professionals.

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Appendix 3: List of Acronyms used in the PIA Report

DPPA	Driver's Privacy Protection Act, 18 U.S.C.A. §§ 2721-25
DMV	Department of Motor Vehicles
FOUO	For Official Use Only
GPS	Global Positioning System
IACP	International Association of Chiefs of Police
LEIM	Law Enforcement Information Management
LPR	License Plate Reader
MOU	Memorandum of Understanding
NCIC	National Crime Information Center
NIST	National Institute of Standards and Technology
OCR	Optical Character Recognition
PIA	Privacy Impact Assessment
PII	Personally Identifiable Information

A:4

Appendix 4: Footnote Reference List

[1] Most LPR systems capture multiple images of the same vehicle and then use the best image; other systems are capable of capturing more than one vehicle per second.
[2] Erika McCallister *et al.*, *Guide to Protecting the Confidentiality of Personally Identifiable Information (Draft)*, Special Publication No. 800-122, 2-1 (U.S. Dept of Commerce, National Institute of Standards and Technology, Jan. 2009) (adopting the definition of PII contained in OMB Memorandum 07-16, *Safeguarding Against and Responding to the Breach of Personally Identifiable Information*).
[3] *See Id.* at 2-2.
[4] *But see In re Charter Commc'ns*, 393 F.3d 771, 774 (8th Cir. 2005) (holding an IP address does not identify a user's name or mailing address); *Klimas v. Comcast Cable Comm'cns, Inc.*, 465 F.3d 271, 276 n.2 (6th Cir. 2006) (noting "that IP addresses do not in and of themselves reveal 'a subscriber's name, address, [or] social security number.' That information can only be gleaned if a list of subscribers is matched up with a list of their individual IP addresses."); *Johnson et al. v. Microsoft*, C06-0900RAJ Or. Granting Def.'s Mot. S.J. 7 (W.D. Wash. June 23, 2009) (ruling that "In order for 'personally identifiable information' to be personally identifiable, it must identify a person. But an IP address identifies a computer, and can do that only after matching the IP address to a list of a particular Internet service provider's subscribers.").
[5] On at least two occasions the U. S. Supreme Court has been confronted with whether an individual can be required to identify himself to the police during a Terry stop, but decided those cases on other grounds. *See Brown v. Texas*, 433 U.S. 47 (1979) (holding the underlying seizure illegal thereby avoiding the constitutional question) and *Kolender v. Lawson*, 461 U.S. 352 (1983) (holding a statute requiring a suspect to identify himself to police officers during a Terry stop void for vagueness and refusing to decide the issues of the constitutionality of compulsory identification). It wasn't until 2004 in *Hiibel v Sixth Judicial District Court of Nevada*, 542 U.S. 177, that the Court concluded that requiring suspects to identify themselves did not violate the Fourth or Fifth Amendments.
[6] The Act defines "personal information" as an "individual's photograph, social security number, driver identification number, name, address…telephone number, and medical or disability information"; the term does not include information on vehicular accidents, driving violations, and driver's status. 18 U.S.C. § 2725(3). In 2000, the Act was amended to create a new class of "highly restricted personal information." This includes an "individual's photograph or image, social security number, and medical or disability information" collected or maintained by a DMV. 18 U.S.C. § 2725(4).
[7] 18 U.S.C. § 2721(b)(1).
[8] 18 U.S.C. § 2721(b)(2).
[9] 18 U.S.C. § 2721(b)(4).
[10] The term For Official Use Only is used within the U.S. Department of Homeland Security to identify unclassified information of a sensitive nature, not otherwise categorized by statute or regulation, the unauthorized disclosure of which could adversely impact a person's privacy or welfare, the conduct of Federal programs, or other programs or operations essential to the national interest. LPR data may also fall into the federal information categorization of non-classified information being implemented pursuant to Executive Order 12958; under that system of categorization, LPR data may also be considered Controlled Unclassified Information (CUI) and may more specifically fall under the CUI category "Controlled, Special Dissemination." *See* Executive Order 12958 as amended by Executive Order 13292 at 68 Fed. Reg. 15315 (2004); *see also* White House *Memorandum for the*

Heads of Executive Departments and Agencies: Designation and Sharing of Controlled Unclassified Information (CUI) (May 7, 2008) available on-line at: http://www.archives.gov/cui/documents/designation_cui.pdf.

[11] Daniel J. Solove, *A Taxonomy of Privacy*, 154 U. PA. L. REV. 477, 490 (Jan. 2006).

[12] *Id.* at 493.

[13] One resident of a municipality considering the installation of LPRs who "[didn't] see too much harm in [LPRs]" admitted that a LPR system "still has the taint of Big Brother." Demian Bulwa, *Tiburon may install license plate cameras*, A-1 San Francisco Chronicle (July 10, 2009) http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2009/07/10/MNT6189U0U.DTL.

[14] As discussed in Part 4, LPR cameras can be fixed or mobile and can be deployed in an overt or covert manner.

[15] Solove, *supra* note 11 at 511.

[16] *Id.* at 514.

[17] *Id.* at 515.

[18] *Roberts v. United States Jaycees*, 468 U.S. 609, 617-618 (1984).

[19] *McIntyre v. Ohio Elections Comm'n*, 514 U.S. 334, 341-343 (1995) (citing *Talley v. California*, 362 U.S. 60, 62 (1960) (internal quotations and footnotes omitted)).

[20] *NAACP v. Alabama ex rel. Patterson*, 357 U.S. 449, 462 (1958). *See also Brown v. Socialist Workers' 74 Campaign Comm.*, 459 U.S. 87, 91 (1982) (holding that the "Constitution protects against the compelled disclosure of political associations").

[21] Solove, *supra* note 11 at 521.

[22] *Id.*

[23] *Id.* at 522.

[24] *Id.*

[25] The DPPA implements these three suggestions and specifically makes it "unlawful for any person knowingly to obtain or disclose personal information, from a motor vehicle record, for any use not permitted [by the Act]." 18 U.S.C. § 2722(a); *see also* text accompanying *supra* notes 6-9.

[26] Solove, *supra* note 11 at 507.

[27] *Id.* at 508.

[28] *See U.S. Department of Justice v. Reporters Committee for Freedom of the Press*, 489 U.S. 749, 764 (1989).

[29] *Id.* at 507.

[30] *Id.* at 508.

[31] *Id.* at 508-511.

[32] Moreover, there are no assurances that an inquiry into the license plate number will lead to the registered car, as in the case of stole license plates.

[33] *Id* at 527.

[34] *Id.*

[35] *Id.* at 531.

[36] Intl. Assn. of Chiefs of Police, *2007 Resolutions*, 51-52 (Oct. 16, 2007) available on-line at: http://www.iacp.org/resolution/2007Resolutions.pdf.

[37] Criminal Intelligence Information means data which has been evaluated to determine that it: (i) is relevant to the identification of and the criminal activity engaged in by an individual who or organization which is reasonably suspected of involvement in criminal activity, and (ii) meets criminal intelligence system submission criteria. 28 C.F.R. §23.3(b)(3).

[38] Technology is continually advancing. If LPR systems evolve to a level where they can read and compile data other than license plate numbers, the policy discussions contained in this Report will need to be supplemented.

[39] Steven Gottlieb, *et al.*, *Crime Analysis: From First Report to Final Arrest* 14-16 (Alpha 1994).

[40] *Id.*

[41] *Id.* at 133.

[42] *Id.* at 15.

[43] A crime pattern is merely a set of similar offences happening in a specific geographical area while a crime series is a crime pattern that appears to be done by either the same person or group of persons. Shawn A. Hutton & Mark Myrent, *Incident-Based Crime Analysis Manual* 34 (Ill. Crim. J. Info. Auth. 1999).

[44] Shawn A. Hutton & Mark Myrent, *Incident-Based Crime Analysis Manual* 7 (Ill. Crim. J. Info. Auth. 1999).

[45] Gottlieb, *supra* note 39 at 15 (stating that administrative analysis essentially includes the "nice to know stuff.").

[46] *Id.* at 128. Experienced analysts have found that the importance of each factor differs depending upon the type of crime being investigated. For example, suspect vehicle descriptors are more useful in determining whether a pattern of thefts from vehicles exists than a pattern of strong armed robberies. See *Id.* at 318-320.
[47] Spot maps can be of great assistance to the analyst. Nevertheless, spot maps will only depict crime patterns; additional information is necessary to determine if a crime pattern is also a crime series.
[48] *See* Jerry Ratcliffe, *Video Surveillance of Public Places*, 8-11 (U.S. Dept of Justice, Office of Community Oriented Policing Services Feb. 2006) (referring to closed-circuit television surveillance of public spaces).
[49] U.S. Dept. of Justice, *Recommended AMBER Alert Criteria*, (LT000498, Apr. 2005) available on-line at: http://www.ncjrs.gov/html/ojjdp/amberalert/PocketCard.pdf.
[50] U.S. DEP'T OF HEALTH, EDUC., & WELFARE, Records, Computers and the Rights of Citizens: Report of The Secretary's Advisory Committee on Automated Personal Data Systems xx-xxi (1973) (hereafter "HEW Report"), available at http://aspe.hhs.gov/datacncl/1973privacy/tocprefacemembers.htm.
[51] *Id.*
[52] NAT'L CRIM. JUST. ASS'N, Justice Information Privacy Guideline: Developing, Drafting and Assessing Privacy Policy for Justice Information Systems 22 (NCJA 2002) (hereafter "NCJA Guideline"), available at http://www.ncja.org/Content/NavigationMenu/PoliciesPractices/JusticeInformationPrivacyGuideline/privacyguideline.pdf
[53] Barbara Crutchfield George, *et al.*, *U.S. Multinational Employers: Navigating Through the "Safe Harbor" Principles to Comply with the EU Data Privacy Directive*, 38 AM. BUS. L.J. 735, 752 (2001).
[54] This is sometimes referred to as the *Openness Principle*, under which there should be a general policy of openness about developments, practices, and policies with respect to personal data. Under this principle, means should be readily available of establishing the existence and nature of personal data, and the main purposes of its use, as well as the identity and usual residence of the data controller. *See* NCJA Guideline *supra* note 53 at 31.
[55] *See* Part 4 of this Report; subsection (c) is intended to include law enforcement monitoring of certain identified individuals' compliance with travel restrictions and identification of previously-undetected crimes.
[56] Although not always the case, fixed LPRs frequently capture "transient vehicles" driving through a jurisdiction whereas mobile LPRs collect license plate data from local vehicles. Thus, fixed LPRs may further regional law enforcement goals whereas mobile LPRs may be of more value to local law enforcement agencies.
[57] Parking enforcement bureaus are not considered law enforcement in many jurisdictions.
[58] In many jurisdictions, parole and probation officers are peace officers with specific powers of arrest; in those instances, the sharing of information with such officers should be considered the sharing of LPR data among law enforcement agencies.
[59] Critical infrastructure is defined as those systems and assets, whether physical or virtual, so vital to the United States that the incapacity or destruction of such systems and assets would have a debilitating impact on security, national economic security, national public health or safety, or any combination of those matters. U.S. Dept. of Justice, *The National Criminal Intelligence Sharing Plan*, 13 (October 2003) (hereafter "NCISP") available on-line at http://www.it.ojp.gov/documents/NCISP_Plan.pdf.
[60] U.S. Dept. of Justice, *Fusion Center Guidelines—Developing and Sharing Information in a New Era*, 17 (August 2006) (hereafter "Fusion Center Guidelines") available on-line at http://www.it.ojp.gov/documents/fusion_center_guidelines_law_enforcement.pdf.
[61] *Id.* at 29.
[62] Although statistical summary information is unlikely to create privacy concerns, the sharing of LPR data related to a license plate number may raise privacy issues.
[63] LPR data may include images of vehicle occupants.
[64] Official criminal history record information is collected and maintained to compile crime statistics, assist a court in imposing an appropriate sentence, and to help corrections officials make prisoner placement decisions. Criminal history records are also maintained to implement sentence enhancement provisions for recidivists and are also used to ensure that civil disability and offender registration statutes are properly applied. *See* U.S. Dept. of Justice, *Use and Management of Criminal History Record Information: A Comprehensive Report*, 101-127 (NCJ 187670, Dec. 2001) available on-line at http://www.ojp.usdoj.gov/bjs/abstract/umchri01.htm.
[65] *See* 68 Fed. Reg. 14140 (2003).

[66] A threshold issue exists as to whether a contextual image taken by a LPR camera and the data associated with that image (including but not limited to the OCR text of the license plate and the date, time and location of observation) are considered records under the law of the jurisdiction.
[67] If so, those records may have different retention periods; specifically, the query-response record would likely be maintained for purposes of monitoring system use as opposed to supporting criminal investigations.
[68] Characteristics of crimes that may extend or toll a statute of limitations vary from state to state. Generally, statutes of limitations are extended in cases involving *inter alia* certain thefts involving a breach of fiduciary duty, identity theft offenses, and certain sex offenses; statutes of limitations are typically tolled *inter alia* when the defendant is not residing in the prosecuting jurisdiction or when a material witness is on active military duty.
[69] Such crimes typically include conspiracy and thefts by deception that continue over a period of time.
[70] The 9/11 Commission Report found that it took between two and four years to plan and carry out the attacks against the World Trade Center.
[71] Public confidence in a law enforcement agency's ability to maintain the confidentiality of LPR data could be reduced due to the scope of that jurisdiction's freedom of information act.
[72] U.S. Dept. of Justice, *Information Quality: The Foundation for Justice Decision Making*, 1 (Feb. 2008) available on-line at http://www.it.ojp.gov/documents/IQ_Fact_Sheet_Final.pdf.
[73] *Id.* at 2.
[74] Law enforcement agencies should not strip the image from the OCR information in order to save storage space; the OCR information cannot be verified without the contextual photo.
[75] Delaware and Rhode Island are able to use formats of 123456 and 123-456, respectively, while several populous states use seven-character formats, including 1ABC234 in California, AB1-C234 in Texas, A12-3456 in Illinois, and ABC-1234 in New York, Pennsylvania, Ohio, Georgia, North Carolina, Virginia, and Arizona.
[76] This is also common in the area of vanity license plates.
[77] Mandatory audits are routinely conducted of official criminal history record information (CHRI) repositories to measure the accuracy, completeness, and timeliness of their data. *See* 28 C.F.R. § 20.21(e). These audits are one of the reasons the justice system and society have deemed official CHRI records reliable enough on which to base important decisions affecting individuals' liberty interests.
[78] U.S. Dept. of Justice, Federal Bureau of Investigation, *National Crime Information Center Mandatory Minimum Standards Curriculum for Full Access Terminal Operations*, LPF-17; LPR-22 (1992) available on-line at: http://www.eric.ed.gov/ERICWebPortal/custom/portlets/recordDetails/detailmini.jsp?_nfpb=true&_&ERICExtSearch_SearchValue_0=ED354315&ERICExtSearch_SearchType_0=no&accno=ED354315.
[79] *See* 28 C.F.R. § 20.21(g)(1).
[80] *See* 28 C.F.R. § 20.3(d) (excluding investigative information from the definition of criminal history record information).
[81] See K. A. Taipale, *Technology, Security And Privacy: The Fear of Frankenstein, the Mythology of Privacy and the Lessons of King Ludd*, 7 YALE J.L. & TECH. 123, 151 (2005).
[82] The DPPA contains a similar requirement; see 18 U.S.C. § 2721(c).
[83] Where LPR system policies are considered too detailed, law enforcement agencies may consider developing a guidance document to inform the public, in general terms, of practices and procedures developed to address privacy concerns surrounding LPR data.



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September 2014
Privacy Impact Assessment
for the
Texas Department of Public Safety (DPS)
Collection, Storage, Management and Use
of Automated License Plate Reader Data

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System Management

1. a. Which DPS Division is the system sponsor?

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Introduction

Law enforcement (LE) officials have a duty to investigate crimes and criminal conduct. To fulfill this responsibility, officers collect, analyze, disseminate, and retain a variety of information, which should include active and historical License Plate Reader (LPR) data. Many of the purposes for collecting license plate data through the use of LPR systems implicitly require the sharing of LPR data across jurisdictions.

Currently there is no statewide strategy for jurisdictions within Texas to share LPR data.

DPS can fill this LPR data sharing void and also provide leadership to Texas law enforcement in other LPR areas of concern including: hot list generation, deployment strategies, and development of usage policy.

Data Sharing

It has long been a basic tool of criminal investigators to start with known subjects and vehicles, and, with proper authorization, look for information about them and the people with whom they interact. Historical LPR data could provide law enforcement officials with information concerning the location of specific vehicles and, as a result, identify individuals for investigation because of their link to a vehicle observed by a LPR camera.

Pooling LPR data from agencies from across the state can aid in the investigation of cold cases and in the identification of larger or more expansive crime trends. LPR data deconfliction can more readily occur - one jurisdiction that has already identified a vehicle of interest can more easily share the LPR data concerning that particular license plate number with a law enforcement agency from another jurisdiction.

Hot List Generation

Hot lists are typically uploaded onto a LPR system daily and can be updated by the authoring agency or an officer in the field. Hot list information comes from a variety of sources – some generated by DPS and some by local agencies. DPS currently provides hot lists to LPR users consisting of extracts from Texas Crime Information Center (TCIC - refreshed every hour) and National Crime Information Center (NCIC - refreshed every 12 hours) files. Building on that set of data, DPS could expand the hot list provided to Texas law enforcement agencies to include items such as AMBER Alerts and Department of Homeland Security watch lists. The role of DPS in creating a standardized hot list file format is important because it will allow local agencies to leverage that statewide standard to drive down costs when dealings with LPR vendors. Additionally, the centrally generated hot list allows local agencies to largely defer to DPS the maintenance of the supporting documentation regarding why a particular license plate number is on the hot list.

LPR Deployment Strategy

Local, state and federal agencies within Texas have deployed LPR solutions within their jurisdictions and it is unknown if consideration was given to potential overlaps or holes in the geographic areas covered by LPRs. DPS could serve to coordinate the deployment of LPRs in Texas so the devices fielded maximize coverage and deliver a larger benefit to the entire Texas law enforcement community.

Development of Usage Policies

The heads of law enforcement agencies are ultimately responsible for determining which hot lists are uploaded onto their agency's LPR system and what actions officers take in response to an LPR hit. Agencies should establish some criteria for determining which hot lists will be

uploaded onto the LPR system. Additionally, agencies should determine policies for retention of LPR data and the appropriate usage of historical LPR data. DPS leadership could help provide a sound basis upon which law enforcement agencies can build meaningful LPR system policies that respect individuals' privacy rights while providing authorized users with the information necessary to ensure the public's safety.

General Privacy Considerations

A. LICENSE PLATE NUMBERS AS PERSONALLY IDENTIFIABLE INFORMATION (PII)

Although license plates function primarily to uniquely identify automobiles, many of the anticipated uses of license plate data involve acquiring the identity of the registered owner of the automobile. It is important to note, because most law enforcement data systems have been designed with traffic stops in mind, it is very easy for a police officer to obtain information about vehicle owners and drivers from license plate information.

(1.) Because the license plate number operates in such a manner as to link the vehicle to its registered owner, should license plate numbers be discussed or treated in a manner similar to personally identifiable information?

DPS will not maintain PII data regarding the registered owner of a vehicle in the LPR database. DPS also does not maintain the registered owner data in any databases overseen by the Department. Registered owner data is maintained by the Texas Department of Motor Vehicles (DMV).

(2.) Does it matter that law enforcement agencies and DMVs and their authorized employees are the only individuals able to access personally identifiable information from license plate data?

In Texas, law enforcement is not the only entity that can access registered vehicle owner PII. Access to registered vehicle owner data maintained by the DMV is restricted by Chapter 730 of the Texas Transportation Code. Because registered vehicle owner data is not maintained in the LPR database, law enforcement can only gain access to registered owner PII according to the provisions of the aforementioned law.

(3.) What anticipated uses of recorded license plate numbers involve accessing personally identifiable information about the vehicle's register owner?

The vehicle owner's PII data is not casually or directly available to users of the LPR database. If law enforcement activities dictate access to owner PII is necessary to support law enforcement work, it must be done so under the authority provided to law enforcement by Chapter 730 of the Texas Transportation Code and be limited to only those reasons approved for access. This does not constitute a policy or law change from how law enforcement would access the PII data for a manually captured license plate. Anticipated uses include, but are not limited to, the potential identification of witnesses and suspects of criminal activity as well as enabling the LPR data for exculpatory purposes.

(4.) What anticipated uses of recorded license plate numbers involve the mere monitoring or otherwise identifying a vehicle?

LPR data will be used to identify vehicles whose plates are actively sought or monitored by law enforcement. Law enforcement databases, such as NCIC, list law enforcement interests in the plate number for reasons such as it may be a felony vehicle, a stolen vehicle, or a vehicle associated with a person of interest.

B. PUBLIC'S PERCEPTIONS OF AUTOMATED COLLECTION OF LICENSE PLATE DATA

There is no controlling legal precedent directly addressing the privacy implications surrounding law enforcement agencies' use of automated license plate readers ("LPRs"). Even though analogous cases suggest the use of LPRs does not violate constitutional privacy protections, this does not mean the public's perceptions of the use of this technology are addressed; nor should the fact license plate numbers are publicly displayed end the inquiry. It is likely the public would consider the use of LPRs as a form of surveillance. Surveillance is the watching, listening to, or recording of an individual's activities. The potential harm of surveillance comes from its use as a tool of social control. The mere possibility of surveillance has the potential to make people feel extremely uncomfortable, cause people to alter their behavior, and lead to self-censorship and inhibition. Too much social control can adversely impact freedom, creativity, and self-development.

(1.) It may be desirable to educate the public as to what information is collected by LPRs, how that information will be used, what information is available to criminal justice agencies and what information is available to the public. Are there any risks of informing the public about an agency's utilization of LPRs and how the information will be used?

The Department does not feel there is risk in informing the public about the intended use of LPR technology. We wish to be totally transparent on this topic and assure the public the LPR data will not be used as a tool of social control.

(2.) One of the most important notions underlying the Fair Information Practices is the concept of notice; specifically, people should be informed when information about them is being collected in order to make an informed decision as to whether and to what extent to disclose information about them. In the context of LPRs, this would involve posting signs explaining to motorists that their license plates are being electronically read and recorded, thus affording them an opportunity to take a different route if they desired. Should motorists be informed of the presence of fixed and mobile LPRs?

This PIA is primarily intended to govern the use of data provided to DPS from non-DPS LPRs. The Department cannot comment on signage associated with LPRs not owned by DPS.

The Department does not have any issue with providing notice to the public with regard to the general placement of DPS owned LPR equipment. DPS owned LPR cameras will primarily be deployed in support of commercial vehicle enforcement (CVE). While the main usage of the CVE LPRs will be commercial trucks, passenger vehicle data will also be captured as a consequence of capturing commercial vehicle traffic. Signage along roads where DPS CVE LPRs are in operation could provide adequate notification to motorists their license plate may be electronically read and recorded by fixed or mobile cameras. The Department would have some issue with providing detailed LPR location information because specific information could provide bad actors with the opportunity to steal, vandalize or destroy the equipment.

The Department would have issue with providing notice to the public in deploying mobile or portable equipment owned or loaned to DPS when used to support criminal investigations due to the potential to alert the criminals associated with the investigation.

(3.) Driving is considered by state governments as a privilege and not a right. How does treating driving as a privilege affect the nature of the data collection and the public's perceptions of the surveillance?

Driving is a privilege in Texas as evidenced by state laws requiring drivers to have licenses and vehicles to be registered and inspected. State government is tasked with providing a safe environment for motorists to exercise their driving privilege. Part of providing that safe

environment is the need to enforce all state laws, including criminal laws as well as traffic laws. The capture of license plate information has long been a tool used by law enforcement to support highway safety. The object of law enforcement is not to surveil the public--it is to protect and serve the public. Used appropriately, LPR technology allows law enforcement to more efficiently and effectively enforce the law.

C. ADDRESSING THE CONCEPT OF PRACTICAL OBSCURITY

Privacy issues will always be generated by the collection and storage of information about the behavior of people not suspected of criminal activity regardless of whether that information is recorded by hand or compiled electronically. License plates function to uniquely identify automobiles. Frequently, license plate numbers are associated with the vehicle owner's driver license number, which functions to uniquely identify the individual. Thus, automated license plate scanners have the potential to track the movement of individuals who have not committed and are not suspected of committing criminal acts. Viewed in isolation, each piece of information created by one's day-to-day activities is not telling; however, viewed in combination, the information begins to paint a portrait of the individual's personality. It arises from the fact data systems enable information from disparate sources to be easily collected and analyzed. In the context of LPRs, information such as a license plate number, while not in and of itself informative, provides access to a host of additional information such as the registered owner's identity and criminal history information. The U.S. Supreme Court, in *U.S. Dept of Justice et al. v. Reporters Committee for Freedom of the Press*, 489 U.S. 749, 764 (1989), has recognized a difference, for purposes of evaluating privacy interests, between public records that might be found after a diligent search of courthouse files, county archives, and local police stations throughout the country and a computerized summary located in a single clearinghouse of information. Ultimately, the court ruled the electronic compilation of otherwise publicly available but difficult to obtain records, altered the privacy interest implicated by disclosure of that information in such a way as to restrict the disclosure of the computerized summary of the information.

Manually recording license plate numbers of vehicles traveling near a particular location is an arduous and, depending upon the traffic conditions, impossible task without the use of camera technology. LPRs, however, can create summaries of all license plate numbers traveling past a camera. Just like in the Reporters Committee case, the use of advanced technology (i.e., LPRs) to compile otherwise difficult to obtain information (i.e., license plate numbers of every vehicle traveling past a particular location), even information publicly and openly available, changes the public nature of that information and raises the privacy interests surrounding that information.

(1.) It is not enough that police are authorized to watch for and write down license plate numbers. The ability to collect vast quantities of license plate numbers and store them in a manner that facilitates analysis and tracking of vehicles carries with it privacy concerns. How does increasing the scale of the collection of data by means of LPRs remove practical obscurity as a source of privacy protection?

The Department plans to maintain limited data and that data will only be about the vehicle itself – not its owner. The owner of the vehicle still enjoys practical obscurity unless the vehicle is involved in the commission or suspected commission of a criminal act or if the vehicle has been identified as part of a public safety alert (AMBER, etc.). Only then is the vehicle owner data associated with the license plate of the vehicle read and recorded.

(2.) If license plate data is publicly available and is not cause for privacy concern, doesn't it stand to reason that law enforcement agencies would have no reason to deny any member of the public access to LPR data?

Law enforcement agencies collect LPR data to support law enforcement missions and goals. LE is also the steward of the data and will protect the data from being used in a manner inconsistent with the reason for its capture. Restriction of access to LE acquired LPR data helps ensure practical obscurity for the motoring public. Motorists will not have to worry a history of the movement of their vehicles will be available to advertisers, private investigators, debt collectors or anyone who has a financial, personal, or other interest in knowing the driving patterns. The release of this type of information to entities outside law enforcement could be a gold mine for bad actors looking for patterns in their potential victims' movements. Most importantly, Section 552.130 of the Texas Government excepts license plate data compiled by a governmental entity from the public information access provisions contained in Section 552.021 of the Texas Government Code.

(3.) License plate data stored electronically may be combined with other data sources to create a more complete picture of individuals associated with certain vehicles. What other data sources may be combined with license plate data collected by LPRs?

The DPS LPR database will be a standalone database that could be used in conjunction with other databases. The LPR database will not have personal data about individuals, so any association of the vehicle data contained within the LPR database with a known individual would have to be made through an external source. The external source could make a connection between a certain license plate and a person of interest and then use the LPR database to track the movements of the vehicle associated with the individual who has committed or is suspected of committing a crime

(4.) Under what circumstances would the types of data identified in Issue 3 above be combined?

LPR pointer data may be loaded into investigative systems. In the event the LPR data is made available to law enforcement through these types of external portals, no registered owner data will accompany the license plate data.

D. TYPES OF PRIVACY HARMS SURROUNDING THE USE OF LPRs

Poor data management can make people more vulnerable to harm (i.e., injuries to the individual's dignity, person, or financial well-being). Moreover, data collection activities, including but not limited to the use of LPRs, can upset the balance of social or institutional power in undesirable ways; the classic example of this issue is the potential chilling effect of being able to easily track individuals' vehicles and readily identify people based upon the vehicle they are driving. Privacy harms generally fall into four categories: information collection, information processing, information dissemination, and invasions.

(1.) Surveillance is the watching, listening to, or recording of an individual's activities. The potential privacy harm of surveillance is its potential use as a tool of social control: the mere possibility of surveillance has the potential to make people feel extremely uncomfortable, cause people to alter their behavior, and lead to self-censorship and inhibition. What is the potential surveillance impact of LPRs?

The Department does not consider the use of LPR technology to be surveillance – the LPR will not collect personal data. The data collected, while it can be later potentially linked to an individual to support a criminal investigation or humanitarian effort, does not contain PII data. Because the LPR technology only records the movement of a vehicle, the motoring public still enjoys practical obscurity and should not feel compelled to alter their behavior or feel inhibited in their vehicular movement.

(2.) Identification is the act of connecting data to particular individuals. Identification enables surveillance by facilitating the monitoring of a person. The potential harm of identification is that it increases the government's power to control individuals. It can inhibit one's ability to be anonymous, which is important in so far as it protects people from bias based on their identities and enables people to vote, speak, and associate more freely by protecting them from the danger of reprisal. How can LPRs impact motorists' ability to associate and move freely?

Because the DPS LPR data will not contain PII data, it cannot be used in a way to control individual's movements or be used as a means to profile individuals. Additionally, the general location regarding the deployment of the LPR technology will be known to the public and LPR technology will not be used to capture and record vehicle data associated with political or religious gatherings.

(3.) Secondary use is the use of data for purposes unrelated to the purposes for which the data was initially collected without the data subject's consent. The potential privacy harm of secondary use is dignitary in nature in that it can undermine people's reasonable expectations as to the future use of the information about them. Another problem with secondary use is that data may be misunderstood when it is removed from its original context. What are the likely secondary uses of data collected by LPRs?

The DPS LPR data will only be available for law enforcement usage. This includes criminal investigations and humanitarian purposes (assist with location of missing persons). Secondary use of the data by users of the LPR system will be prohibited in policy and enforced through formal user agreements and audits.

(4.) Aggregation is the gathering together of various pieces of information about a person. How will aggregation of LPR data impact the public?

These issues are discussed in Section 1, Part C ADDRESSING THE CONCEPT OF PRACTICAL OBSCURITY above.

(5.) Breach of confidence involves breaking a promise to keep a person's information confidential. The harm caused by a breach of confidentiality is not simply that information has been disclosed, but that the promise made to the subject of the data has been broken. Protections against breach of confidentiality help promote certain relationships that depend upon trust, such as the relationship between citizens and their government. How will law enforcement agencies utilizing LPRs keep the license plate information confidential and secure?

The DPS LPR database will be made available to law enforcement via the Texas Law Enforcement Telecommunications System (TLETS). As a conduit for criminal history record information, TLETS must meet technical security requirements articulated in the FBI's Criminal Justice Information Service (CJIS) security policy. The FBI audits DPS' compliance with that policy. Additionally, law enforcement connected to TLETS must ensure their systems are also compliant with the requirements contained in the CJIS security policy – DPS audits the compliance of the Texas law enforcement agency. In addition to security requirements, agencies accessing data from TLETS are required to conform to requirements associated with data use. Proper data use is defined in written policy and policy compliance is enforced through formal user agreements and audits.

(6.) Disclosure occurs when certain true information about a person is revealed that impacts the way others judge her character. The potential harm of disclosure involves the damage to an individual's reputation caused by the dissemination. Disclosure can

also be a form of social control and carries with it the potential chilling effects associated with surveillance. How, when, and to whom will the data collected by LPRs be disseminated or disclosed?

LPR data will only be available to law enforcement to support the administration of criminal justice as defined in Article 60.01 of the Texas Code of Criminal Procedure and 28 CFR 20.3. Because PII data is not comingled with LPR data in the DPS LPR database, an individual cannot be impacted by disclosure of LPR data accessed in support of a criminal justice purpose unless that person has committed or is suspected of committing a crime, or is the subject of a humanitarian or exculpatory investigation.

E. FAIR INFORMATION PRACTICES

In 1973, the U.S. Department of Health, Education, and Welfare published a groundbreaking report responding to concerns that harmful consequences may result from the storing of personal information in computer systems. That report, entitled "Records, Computers and the Rights of Citizens," articulated several principles the Department deemed essential to the fair collection, use, storage, and dissemination of personal information by electronic information systems. The report also recognized the need to establish standards of record-keeping practices appropriate for the computer age. The Fair Information Practices are a set of standards governing the collection and use of personal data and addressing issues of privacy and accuracy. The practices include eight guiding principles that evolved from the 1973 report. Any privacy guidance for LPRs should consider incorporating the following principles.

(1.) Collection Limitation Principle – There should be limits to the collection of personal data and any such data should be obtained by lawful and fair means and, where appropriate, with the knowledge or consent of the data subject. Should certain criteria be met before using a license plate number acquired by an LPR to obtain the identity of the vehicle's registered owner?

Policy associated with prerequisites needed to access information regarding the identity of a vehicle's registered owner have been in existence for many years as law enforcement has demonstrated a need for this type of access long before the advent of LPR technology. Law enforcement access to vehicle owner data is governed by Chapter 730 of the Texas Transportation Code. Additionally, law enforcement will be provided policy documentation regarding access to the LPR data and audited on proper access and use of the data.

(2.) Data Quality Principle – Personal data should be relevant to the purposes for which they are to be used, and, to the extent necessary for those purposes, should be accurate, complete and kept up-to-date. How accurately do LPRs record license plate numbers?

LPR technology allows for a 98% accuracy rate for the digital capture to optical character recognition and recording of the license plate number.

(3.) Purpose Specification Principle – The purposes for which personal data are collected should be specified not later than at the time of data collection. Additionally, the subsequent use should be limited to the fulfillment of those purposes or other compatible purposes.

The data collected by LPRs is used in a two-fold process. The initial scan is run against a "hot list" to determine if the vehicle is an object of law enforcement interest. Most matches will require confirmation with the source of the hot list data prior to action being taken against the vehicle, but immediate law enforcement action may be taken against some hot list matches, such as vehicles identified in missing person alerts. The second part of the LPR data collection

is to preserve the captured plate information to assist future investigative, humanitarian or exculpatory efforts.

(4.) Use Limitation Principle – Personal data should not be disclosed, made available or otherwise used for purposes other than those specified in accordance with the Purpose Specification Principle except: (a) with the consent of the data subject; or (b) by the authority of law.

The DPS LPR database will not contain PII data, so PII data cannot be made readily available for disclosure. If linkage is made between the LPR data captured and data containing PII about the registered owner, it would only occur (a) with the consent of the data subject in the case of an exculpatory or humanitarian use; or (b) as authorized by Chapter 730 of the Texas Transportation Code. All linkage would take place outside the DPS LPR database.

(5.) Security Safeguards Principle – Personal data should be protected by reasonable security safeguards against such risks as loss or unauthorized access, destruction, use, modification or disclosure of data. This document focuses on privacy issues and will not discuss specific, technical security measures.

Personal data will not be maintained in the LPR database. Any comingling of LPR data and PII data is done outside of the LPR database and in accordance to applicable policies and laws associated with access to the PII data. PII data regarding the register vehicle owner can be accessed by law enforcement via TLETS. TLETS is a secure law enforcement network and must adhere to the security requirements articulated in the FBI's CJIS security policy.

(6.) Openness Principle – There should be a general policy of openness about developments, practices, and policies with respect to personal data. Means should be readily available of establishing the existence and nature of personal data, and the main purposes of its use, as well as the identity and usual residence of the data controller. Will privacy guidance and/or the privacy policy regulating the use of LPR data be made available to the public?

This PIA will be available to the public via the Texas DPS website.

(7.) Individual Participation Principle – An individual should have the right to: (a) obtain from a data controller, or otherwise, confirmation of whether or not the data controller has data relating to him; (b) have communicated to him, data relating to him within a reasonable time; at a charge, if any, that is not excessive; in a reasonable manner; and in a form that is readily intelligible to him; (c) be given reasons if a request made under subparagraphs (a) and (b) is denied, and to be able to challenge such denial; and (d) challenge data relating to him and, if the challenge is successful to have the data erased, rectified, completed or amended. Where license plate data is not utilized to access the identity of the registered owner of a vehicle, it is likely that this principle would not apply; nevertheless, should this principle be given effect for LPR data subsequently used to identify an individual's whereabouts?

The individual participation principle does not apply in the case of the LPR database – no PII data is stored in the database. The PII data possibly associated with the LPR data is captured by the Texas Department of Motor Vehicles (DMV) through submission of identifying information provided by the vehicle owner at the time of vehicle registration. The Texas DMV has a process for registered vehicle owners to review and correct PII data associated with their registered vehicle.

(8.) Accountability Principle – A data controller should be accountable for complying with measures that give effect to the principles stated above.

Accountability issues are discussed in section 6 of this document.

Identifying the intended uses of LPR data is critical to assessing the privacy impact of law enforcement agencies' collection, analysis, and maintenance of license plate data. Moreover, how government agencies use the data they collect is of significant concern to the public. In accordance with the Purpose Specification and Use Limitation principles discussed above, a sound privacy policy should clearly identify appropriate and intended uses of the data contained in the information system. A review of the existing literature concerning LPRs reveals five primary uses of LPR data; each anticipated use carries with it certain privacy risks that should be addressed.

A. CRIME ANALYSIS

Police agencies utilize crime analysis to prevent and suppress crime, apprehend offenders, and recover stolen property. Crime analysis is usually conducted on offenses with discernible patterns and trends that can be prevented or reduced through the implementation of directed action plans. A review of existing police crime analysis operations reveals burglary, robbery, auto theft, larceny, fraud, sex crimes, aggravated assaults, and murder are the crimes most appropriate for crime analysis.

There are three types of crime analysis: tactical, strategic, and administrative. Tactical analysis is the first priority of law enforcement agencies. Specifically, tactical crime analysis (a) detects crime patterns and series by studying and linking common elements of crimes; (b) predicts when and where future events will occur.

Strategic crime analysis concentrates on long-term crime trends and is used to project where police presence should be increased or decreased.

Administrative analysis, unlike tactical and strategic crime analysis, interprets crime statistics categorized by economic, geographic, or social conditions and provides information for grant applications, feasibility studies, and governing body reports. Thus, administrative analysis provides information useful in running a law enforcement agency while tactical and strategic crime analysis is intended to help the law enforcement agency protect the public and enforce the criminal laws. When law enforcement agencies talk about using LPR data to check crime series information to determine if the same vehicles are in the area of different crime scenes, they are referring to tactical crime analysis. Tactical crime analysis is used to determine who is doing what to whom and focuses on crimes against persons and property. Categories of data considered most useful for crime analysis are those relating to:

Geographic factors, time factors, victim descriptors, property loss descriptors, physical evidence descriptors, specific modus operandi factors, suspect descriptors, suspect vehicle descriptors

(1.) What presumptions are inherent in tactical crime analysis with regard to vehicles?

(a.) Is it presumed that the registered owner of a vehicle is always the driver at the time the license plate number is recorded by an LPR?

No. The registered owner may never actually drive the vehicle – it could be a spouse, child or another member of the house utilizes the vehicle, or a business owning multiple vehicles.

(b.) Is it presumed that an individual is always near the location where his automobile is parked?

No. It is only presumed an individual drove the car to or through the area where LPR cameras captured the license plate.

(c.) Is it presumed that an individual always parks near the location he intends to visit or reside?

No. It is only presumed an individual drove the car to or through the area where LPR cameras captured the license plate. It is presumed the driver will return to the vehicle at some point.

(d.) Is it presumed that a registered owner always knows the identity of who is driving his vehicle at any given time?

No. There may be multiple individuals other than the registered owner who have authorized access to a vehicle. There is no expectation the registered owner will always know which authorized user may have been driving the car at a specific date, time and location.

(e.) How do the presumptions involved in tactical crime influence when a license plate number collected by an LPR will be used to gather personally identifiable information about a vehicle's registered owner?

Presumptions used in the tactical crime analysis use of LPR data are vehicle-centric. The repeated appearance of a vehicle at times or places where crimes have been committed or are suspected of having been committed could lead law enforcement to seek information regarding the identity of the person who may have been operating the vehicle at those times or places. A nexus drawn between a vehicle and criminal activity would be the impetus to gather PII about the vehicle's registered owner in support of further law enforcement investigation.

(f.) Are there ways that an individual's identity can be linked to a license plate number other than being a registered owner, perhaps through sex offender registration or gang member intelligence record?

While the LPR database will not contain PII data, external databases do contain linkages between a license plate and an individual's identity other than the registered owner. These external databases include, but are not limited to the sex offender registry and NCIC/TCIC "hot files" such as wanted persons, person of interest and felony vehicle file.

B. ALERTS AND HOT LISTS

License plate numbers of stolen cars, vehicles owned by persons of interest, and vehicles associated with AMBER Alerts are routinely added to "hot lists" circulated among law enforcement officers. These lists serve an officer safety function as well as an investigatory purpose. Hot lists are typically transferred daily and can be updated by an operator/officer in the field. Hot list information can come from a variety of sources, including but not limited to, stolen vehicle information from the National Insurance Crime Bureau and the National Crime Information Center (NCIC), as well as national AMBER Alerts and Department of Homeland Security watch lists. Departments of Motor Vehicles can provide lists of expired registration tags and police departments can also interface their own hot lists to the LPR system. LPRs function in such a way as to notify an officer when a license plate on the hot list is observed; this can be the case for both fixed and mobile LPRs. LPR data can also be searched retroactively to identify a time and location of where a vehicle on a hot list was observed by the LPR camera.

(1.) What are the criteria for adding a license plate number to a hot list that would interface with an LPR?

At this time, the LPR hot file list produced by DPS contains data from the FBI's NCIC and Texas's TCIC files with associated license plate data. Current criteria for hot file entry is the license plate data must be for a vehicle for which law enforcement has an active interest and is already present in a law enforcement database.

(2.) Do these criteria include or consider the proper attribution of a license plate number to an individual?

The attribution of a license plate to an individual for records in the LPR hot file reflect the entry criteria associated to the source file (i.e. NCIC entry guidelines).

(3.) Is the license plate number on a hot list essentially being used as a proxy for the individual's name or other personally identifying information?

The license plate numbers in the DPS hot list reflect the vehicles of interest to law enforcement and are not proxies for an individual's PII. Any name or other personally identifying data in the hot list is strictly commentary and can be used to verify if the person operating the vehicle of interest may also be subject to criminal investigation.

(4.) How are partial license plates handled for hot list purposes? (This may be a data quality issue as well.)

Partial plates are not included in the Texas hotlist as the plate information is derived from NCIC/TCIC and follow the entry rules for those systems. Currently, the only time a partial plate can exist in the file is if the license plate number exceeds ten characters. In those cases only the first ten are entered. However, the entire number must be shown in the MIS Field. Partial license plates must not be entered.

(5.) There may be instances where a license plate is incorrectly included on a hot list, perhaps because of an error in data entry or because the license plate number was attributed to the incorrect person. Is there a process or system in place to remove license plate numbers from hot lists or LPR systems in response to identified errors? (This may primarily concern data quality but is added here in the interest of completeness.)

Policy dictates when an LPR matches a record from the hot list, the agency receiving the match will conduct a real time search of the source file to determine if the reason for the alert is still valid. Any erroneous entries would be corrected in the source data file, which in turn updates the hot list. DPS updates TCIC derived hot lists every hour. The FBI NCIC derived hot lists are updated every 12 hours.

C. TRACKING INDIVIDUALS

Many of the justifications for LPRs include an element of tracking individuals. It has been suggested sharing LPR data across jurisdictions can assist law enforcement officials in tracking the movements of drug smugglers, money laundering operations, documented gang members, sex offenders, individuals on parole or wanted on warrants, and missing persons. In instances of mass evacuations, it has been proposed LPRs could be used to track not only how many vehicles have left an area but also as a means of tracking who has evacuated in an attempt to respond to calls asking about the welfare or evacuation status of a relative. LPRs have also been used to record the license plate numbers of vehicles visiting or parked at or near several locations, including but not limited to certain businesses, bars and night clubs, car dealerships, gun shows, and schools. The recording of these license plate numbers has occasionally been used to create a working database in the event a problem or violent crime occurs at some point in the future. As cars can't answer questions, any investigation utilizing these license plate numbers would involve identifying the registered owner of the vehicles whose license plates have been recorded. It has also been put forward LPRs can be useful in enforcing geographic limitations on the movements of sex offenders, probationers and parolees, and people subject to orders of protection. LPRs can record the license plate numbers of vehicles parked or observed near certain locations such as schools and day care facilities, or residences and work addresses of people protected by court orders. These locations and individuals' license plates can be added to LPR systems to bring any violations to an officer's attention.

(1.) This collecting of information is a type of surveillance similar to the use of cameras utilizing facial recognition software. The license plate reader isn't just recording an image, it is collecting license plate numbers in an electronic manner that can be used, perhaps at some future point automatically and in real-time, to access various types of information about the person(s) associated with that license plate.

(a.) The uses described above rely heavily on matching a license plate number to a unique individual. How is this done and how reliable is this process? (This is also a data quality issue.)

The populations being described are generally required to provide law enforcement with information regarding the vehicles they regularly use. Because this information is self reported by the person in question, the match of the plate to the individual is highly reliable.

(b.) Not everyone owns or operates an automobile, especially in large cities. Does the utilization of LPRs to track individuals raise issues of selective enforcement (e.g., it's easier to track and identify "bad guys" with cars so these people become the focus of enforcement efforts instead of people who are harder to observe/track due to their lack of cars)?

The LPR is a force multiplier tool that will allow LE to more effectively track specific populations that use cars while freeing up additional resources to track individuals from the same population who do not use cars. The overall impact is not selective enforcement, but rather more efficient and effective enforcement because of ability to use LPR technology in place of human capital.

(c.) How will law enforcement agencies utilizing LPRs address the potential chilling effects of increased, potentially large-scale surveillance of license plate information?

DPS does not believe the increased use of LPR will result in chilling effects because we strive to operate LPR in such a way as to preserve the motoring public's practical obscurity.

(d.) Should there be some sort of triggering mechanism (e.g., articulable suspicion that a crime or other violation has occurred) to authorize access to the location information of individuals?

Information about an individual should not be casually accessed by law enforcement. The utilization of LPR does not change the protections currently in place that guard against the access to individual PII data. Policies and procedures are already in place to indicate when it is acceptable to access the location information of individuals.

(e.) When using LPRs to enforce geographic limitations on certain offenders (e.g., probationers, sex offenders, persons subject to orders of protection, etc.,), should the location information about these individuals be limited to those instances where the subject's vehicle was observed in a prohibited area, as opposed to obtaining a listing of all the locations, dates, and times where the vehicle was authorized to be?

The LPRs will be used to harvest location information for all populations. Geo-fencing activities will be conducted outside of the data harvesting procedures, with the geo-fencing working off hot list related constraints.

D. IDENTIFY PREVIOUSLY-UNDETECTED CRIMES

The American criminal justice system has never been based upon a theory of total enforcement of the criminal laws. Law enforcement agencies' responsibilities have continually increased due to the rising number of criminal and regulatory offenses at every level of government; there have not been equivalent increases in police resources. Where more responsibilities meet limited

resources, a system of selective enforcement was informally established in which public officials at all levels exercise discretionary powers to determine whether an individual enters the criminal justice system and how that individual progresses through the system. Several of the proposed uses of LPRs concern identifying or observing previously undetected criminal conduct. Specifically, agencies seeking to utilize LPRs have identified several instances involving the commission of crimes prior to the utilization of LPRs would not only have be extremely difficult to detect by police officers but would only have been discovered by the individual's chance encounter with authorities. For example, data collected by LPRs could be used to enforce geographic limitations on the movements of sex offenders, probationers and parolees, and people subject to various court orders.

LPRs could also be used to help implement programs intended to more efficiently bring certain crimes to law enforcement officers' attention. Several states have programs to combat auto thefts by permitting vehicle owners to provide written consent for their vehicles to be stopped without cause during late evening hours. LPRs can provide an efficient means of implementing such programs.

The failure to obtain and provide proof of mandatory car insurance is grounds for several states to suspend license plates and driver licenses. Unless these vehicles are operated in such a manner as to raise the suspicions of a police officer, these uninsured vehicles would remain undetected. Operating an uninsured vehicle puts the public in danger in the event of an accident. Law enforcement agencies have expressed interest in utilizing LPRs to identify vehicles with registrations suspended for failing to obtain mandatory insurance coverage. LPRs, like surveillance cameras, are excellent tools to figure out what has already happened. Although LPRs may serve some deterrent effect provided their use is overt, they provide no real capability to prevent a crime from occurring.

(1) LPRs may be perceived by the public as a way to automate the criminal justice system. What types of human review and verification are employed before data collected by LPRs is used to make a determination about an individual?

The data in the LPR database serves as tool to aid law enforcement in criminal investigations. Prior to taking adverse action against a suspect, investigators verify the information gathered during their investigations and determine if there is appropriate justification to go forward with determinations based upon the data at hand. The unsubstantiated existence of LPR data on its own is not enough for law enforcement to make a final determination about an individual; however, the LPR data can be used with other supporting information to assist LE with the furtherance of their investigations.

(2.) Given a police department's available resources, will certain crimes detectable by LPRs be focused on more so than others?

No crimes are detectable by LPR data alone. LPR technology and data will serve as a force multiplier, freeing up resources to be assigned to the investigation of other crimes whose detection cannot be aided through the use of LPR technology. Rather than focusing on LPR detectable crime, law enforcement can better fight all types of crime by leveraging the force multiplying aspect of LPR use.

(3.) Is license plate data collected by LPRs more useful to prove a violation after it has been reported to a police department or should police departments have a policy of affirmatively reviewing all LPR data for potential violations?

LPR data can be a powerful tool in proving a previously reported violation. However, DPS feels LPR data matching against hot lists should be affirmatively reviewed and acted on in an

appropriate manner. Each LE agency using data from LPRs will ultimately be responsible for developing their own policies regarding the use of the data not matched against a hot list entry.

(4.) Are concerns about inequality (e.g., discrimination against or in favor of reviewing certain neighborhood's LPR data) raised by only reviewing some LPR data as opposed to all data?

The DPS feels all LPR data should be considered when conducting trend analysis work. In support of a criminal investigation of cases limited to specific geographic areas, it may be appropriate to include only the LPR data from a particular area. This would not exclude the use of LPR data acquired in other areas if a nexus to a crime occurred in the other area.

(5.) In order to identify vehicles that may be operated by individuals with suspended, revoked, cancelled, or expired driver's licenses (hereafter "unlicensed drivers"), it will be necessary for license plates to be linked to individually identifiable drivers. How will this be done?

At this time, DPS does not envision utilizing LPR to identify or associate "unlicensed drivers" with a specific vehicle.

(6.) It would seem that identifying vehicles potentially being operated by an unlicensed driver would be a real-time enforcement activity.

On the surface, detection of potentially unlicensed drivers would appear to be a real-time enforcement activity augmented by the user of LPR technology. However, multiple problems exist with regard to linking the unlicensed driver to a specific vehicle and such linkage would undermine the law enforcement presumptions inherent in the tactical crime analysis associated with license plate data.

E. REVENUE COLLECTION

Many states suspend or revoke license plates and driver licenses for an individual's failure to pay fees, fines, or taxes owed to governmental entities. Municipal police departments can also compile or receive lists of license plates issued multiple parking violations. LPRs can bring to an officer's attention vehicles whose owners owe outstanding debts to the government. Revenue collection is distinct from the concept of revenue generation. LPRs do not create a stream of revenue for a jurisdiction in the sense they generate the issuance of a ticket or citation. Rather, LPRs only help identify those who have already committed a violation or offense and, as a result, owe a fine.

(1.) It can be argued that LPRs are being employed to maximize compliance with the laws and regulations of the jurisdiction, which are presumed to promote the public's safety and well-being. Nevertheless, it is likely that such activities will be perceived as a revenue collection measure.

DPS does not envision utilizing LPR technology to facilitate revenue collection.

(2.) Whereas law enforcement may access a great quantity of personally identifying information concerning individuals to investigate crimes and protect public safety, the balance between collecting revenue and preserving the public's privacy rights is considerably different.

DPS does not envision utilizing LPR data to facilitate revenue collection. Access to PII data to augment LPR data will only occur to assist criminal investigations and to protect public safety.

(3.) Will revenue collection efforts potentially involve the transfer of LPR data to other non-law enforcement entities?

As DPS does not envision utilizing LPR data to facilitate revenue collection, we also do not foresee transferring LPR data to non-law enforcement entities for revenue collection or any other non-law enforcement or public safety activity.

(4.) Local and state government agencies owed outstanding debts may only have limited personally identifying information of the debtor and very likely lack an individual's license plate number. Information obtained from these agencies must then be matched up to a license plate record contained in a department of motor vehicle record. Thus, the data from at least two sources is combined before it even goes into an LPR system. Do revenue collection efforts create additional data quality concerns with regard to linking individuals who owe the government fees, fines, or taxes to license plates?

DPS does not envision utilizing LPR data to facilitate revenue collection.

(5.) Are there instances where a state department other than a law enforcement entity will be utilizing LPRs? If so, how does that affect the preparation of a Privacy Impact Assessment Report?

While the department does not know of all state agency uses of LPR technology, we are aware the Texas Toll Road Authority utilizes LPR technology to collect toll fees from users who access toll roads, but do not have a "toll tag" for billing purposes. The existence of those LPRs does not impact the preparation of a law enforcement PIA because toll users are noticed of the presence of cameras and they choose to utilize the toll roads.

F. REGULATORY ENFORCEMENT

A) Commercial Vehicle Enforcement

The Texas Highway Patrol Commercial Vehicle Enforcement Service (CVE) will deploy LPR technology as part of commercial motor vehicle electronic screening systems designed to improve the safety of Texas roads by reducing large truck and bus accidents and accident related fatalities, injuries and property damage; while also reducing the impact of commercial vehicle enforcement on safe and legal motor carriers.

CVE roadside and administrative enforcement personnel will utilize LPR technology to identify commercial motor vehicle and motor carriers determined to be in violation of state and federal motor carrier safety and credential regulations by a variety of means including electronic vehicle screening technologies that include but are not limited to scale systems with capabilities to identify overweight vehicles and loads, laser systems with capabilities to measure and identify over sized vehicles and loads, thermal imaging technologies with capabilities to identify defective tires and braking systems, radiological sensors with capabilities to detect and localize airborne radiological sources, chemical sensors with capabilities to detect and identify specific hazardous materials, including explosives, from air samples; and biological sensors with capabilities to detect and measure specific biological organisms.

(1.) Will the LPR cameras used for CVE regulatory enforcement purposes capture different data from that which is captured for non-CVE purposes?

In addition to capturing images for the purposes of extracting license plate image data, other images may be captured and processed to extract data for the purposes of CVE regulatory enforcement, including:

- Container identification numbers may be extracted from side images of intermodal containers.
- Motor carrier identification numbers may be extracted from side images of truck tractor doors.

• The status of Commercial Vehicle Safety Alliance (CVSA) decals may be extracted from side images of truck tractors and trailers.
• The presence and type of hazardous materials may be extracted from side images of trucks and intermodal containers with hazardous materials placards.

(2.) Will the CVE LPR cameras capture additional data on motor vehicles other than commercial vehicles subject to regulatory enforcement purposes?
Non-commercial motor vehicles that pass by CVE LPR cameras will have their door panel images captured. If commercial license information, such as motor carrier identification numbers, Commercial Vehicle Safety Alliance (CVSA) decals, hazardous materials placards or intermodal container identification numbers, is not extracted from the door panel image, the image is not retained by the CVE LPR.

B) Vehicle Emission Program
The Regulatory Services Division (RSD) of the DPS is tasked with administering the vehicle inspection program for the State of Texas. The vehicle inspection program certifies vehicle inspectors and inspection stations, monitors and ensures compliance with inspection standards, and supervises vehicle emission programs designed to meet federal clean air requirements. As part of the duties associated with Vehicle Emissions Program (VEP), RSD remotely monitors the emissions of vehicles in seventeen (17) Texas counties classified by the Environmental Protection Agency (EPA) as being in non-attainment status are required to have an emissions test in addition to the safety inspection. RSD utilizes LPR technology to associate remote emission readings to the vehicle that is producing the emissions.

(1.) Will the LPR cameras used for VEP regulatory enforcement purposes capture different data from that which is captured for non-VEP purposes?
The VEP LPR cameras are used primarily to associate the emission reading to the vehicle that produced the captured emission. The VEP LPRs do not capture any additional data than non-VEP LPR deployments.

(2) Will the VEP LPR cameras be deployed statewide?
No. The VEP LPR cameras will only be deployed in the seventeen (17) Texas counties classified by the Environmental Protection Agency (EPA) as being in non-attainment status. The number of counties monitored can change if the EPA determines that more Texas counties are in non-attainment status.

C) Habitual Toll Violators
The DPS is assisting the North Texas Tollway Authority (NTTA) in deploying remedies to stop habitual toll violators who are driving on NTTA toll roads and not paying for their use of the toll road. Under Senate Bill 1792, a law passed by the 83rd Texas Legislature, toll enforcement remedies, including vehicle bans, are authorized for all habitual violators—those with 100 or more unpaid tolls and two notices of nonpayment within a one-year timeframe, who continue to drive on the NTTA System and ignore requests for payment. Fixed and transportable LPR cameras will be used to identify habitual users and enforce provisions of SB 1792. Habitual violators who operate a vehicle in violation of the ban and are stopped by law enforcement on an NTTA road may be issued a citation (Class C misdemeanor). A second or further violation of the ban may result in the impoundment of the violator's vehicle if found on the tollway.

(1.) Will the NTTA LPR cameras be used exclusively on the NTTA toll roads?
Yes. The NTTA LPR deployment will be restricted to the toll road under NTTA administration.

(2.) Will the NTTA habitual violator data be available to LE as a component of the LPR hot file?

No. Action against habitual violators can only take place on the toll roads administrated by the NTTA. Data associated with habitual violators is of no value to LE not responsible for enforcement on the NTTA regulated toll roads.

(3.) Will the NTTA LPRs capture data on non-habitual violators that utilize the NTTA toll roads?

The NTTA LPRs will capture data for all vehicles that pass the LPR cameras deployed on the NTTA toll roads. The data captured will be the same as is captured for non-NTTA LPR deployments.

LPR Data Collection and Management

A. LICENSE PLATES PROVIDE ACCESS TO PERSONALLY IDENTIFIABLE INFORMATION.

Although license plates do not directly include personally identifiable information, they are frequently associated, by means of computer inquiries, with an individual owner. Thus, a license plate number serves as the gateway to personally identifiable information. In fact, many of the potential uses of license plate data rely upon the premise the registered owner of a vehicle is actually driving it. The mere collection of information regarding individuals implicates privacy concerns. Fewer concerns are raised by the collection of information about individuals premised upon some reasonable suspicion they are acting unlawfully. Great concerns regarding the public's privacy interests are raised when the government collects information about individuals for investigatory purposes absent any suspicion of criminal wrongdoing.

Typically, LPRs are capable of collecting:

a. Optical Character Recognition (OCR) of license plate numbers;
b. Digital images of license plates as well as the vehicle's make and model;
c. Digital image of the vehicle's driver;
d. Images of distinguishing features (e.g., bumper stickers, damage);
e. State of registration;
f. Camera identification;
g. GPS coordinates or other location information;
h. Date and time of observation;

(1.) What information will agencies actually collect from LPRs?

The DPS LPR data repository will collect the post OCR plate number, state of registration, GPS coordinates of where the plate was scanned, the Originating Agency Identifier (ORI) of the agency that captured the plate, the camera identification number, and the date / time of the plate capture. Additionally, the LPR database will allow contributors to provide a hyperlink to the repository maintaining the original captured digital image (if applicable).

(2.) What factors inform the balance of the amount of data collected to address privacy concerns while still meeting legitimate law enforcement needs?

The DPS LPR database will retain the minimum data needed to appropriately place the location of a vehicle over space and time and provide the information needed to determine what agency is able to place the vehicle. No PII or images will be retained by the LPR database. Through the retention of the basic "index" LPR data, DPS will be able to provide law enforcement with usable investigative data, while preserving the privacy of the motoring public.

(3.) How does the fact that license plate numbers constitute potentially identifiable information affect the compilation, access, analysis, and dissemination of LPR data?

The DPS LPR database itself will not contain PII data. While the LPR database will contain data that could potentially be linked to driver PII, access to the PII data is maintained in a different database and managed by a different agency and protected under the provisions of Chapter 730 of the Texas Transportation Code. Given the lack of PII data in the LPR database coupled with the protections afforded the link to PII data, potentially identifiably information will not directly affect the compilation, access, analysis or dissemination of LPR data.

(4.) Should certain criteria be met before using a license plate number acquired by an LPR to obtain the identity of the vehicle's registered owner? If so, what are the most appropriate criteria?

The identity of a vehicle's registered owner should not be acquired unless the access provisions of Chapter 730 of the Texas Transportation Code have been met by the requestor.

(5.) In most states, the minimum age for an individual to be issued a drivers license is below the age of majority. Thus, at any given time, LPRs may be collecting information concerning minors. How does this potential to collect information concerning juveniles impact the collection, analysis, dissemination, and retention of LPR data?

The LPR database only contains vehicle data. Based solely on the data contained in the database, there is no way a determination can be made any of the drivers of the vehicles in the database are juveniles. The only time it could be determined a juvenile might have been driving a vehicle whose plate was contained in the LPR database is when the vehicle is involved in the commission or suspected commission of a crime or traffic accident. At that time, it is appropriate for law enforcement to have access to juvenile information to further the investigation of the crime in question.

B. LPR DEPLOYMENT

LPR systems can observe and record over 1,000 license plates an hour in various lighting and weather conditions. LPRs can be fixed, mobile, or portable. A fixed LPR is permanently mounted, usually to a bridge or a pole, whereas a mobile unit is permanently mounted to a marked patrol vehicle. A portable LPR can be moved from vehicle to vehicle or deployed in a covert configuration or towed in a trailored configuration. Notifying the public about the collection of license plate numbers by LPRs will differ significantly depending upon the type of LPR deployed.

(1.) Do the three manners of LPR deployment change or otherwise impact the privacy concerns surrounding the collection of license plate numbers?

DPS feels the manner of collection does not impact privacy concerns.

(2.) When will covert deployments be necessary for law enforcement efforts?

Covert deployment could be necessary to aid in criminal investigations when law enforcement wishes to evade detection by the subjects of the covert operation.

(3.) What are the advantages of covert deployments?

Covert LPR deployments allow law enforcement to gather valuable investigative data without detection by the subjects of the covert operation.

C. NOTICE OF DATA COLLECTION

Not only do the Fair Information Practices counsel collecting only information relevant or necessary, but the collection of data about individuals should be done with the knowledge or

consent of the data subject. Under the openness principle, agencies should provide notice about how they collect, maintain, and disseminate personal information. Complete notices generally include statements that: (a) describe the main purposes for the data's use; (b) identify the entity responsible for the data; (c) identify those who may access or receive the data; (d) explain whether providing the information is mandatory or voluntary and the consequences of failing to provide the information; and (e) inform the data subject of any rights he may have to access the data and rectify errors.

(1.) Will privacy guidance and/or the privacy policy regulating the use of LPR data be made available to the public?

DPS will post this privacy impact assessment on the DPS public website.

(2.) Would distribution of the privacy policy itself provide sufficient notice?

DPS feels the public posting of this policy provides sufficient notice to the public.

(3.) Is notification to individuals whose information has been collected made after covert deployment has been conducted? Should such a notification be made? What are the resource implications of providing this notice? Is this administratively burdensome?

PII data is not acquired at the time the LPR data is recorded, nor is it stored in the LPR database. Collection of PII data would occur outside the DPS LPR database.

(4.) Does the public know that the cameras they pass on roads are fixed LPRs by signage? By any other means?

DPS plans to make the public aware LPR technology is being deployed on Texas roadways. There are no plans to post signs indicating the specific location of fixed LPR cameras.

(5.) How can the public be notified about an agency's utilization of mobile LPRs?

The public will be made aware of the usage of LPR technology through press releases and publication of this PIA. The notifications will indicate the department will used fixed and mobile LPR cameras..

(6.) The Fair Information Practices also hold that agencies should communicate to affected individuals when personally identifiable information about them is requested or released to other parties. Should compliance with this requirement be applicable to LPR data? Would such compliance be unduly burdensome to the efficient administration of justice?

The DPS LPR database will only be available to law enforcement for law enforcement purposes. Any vehicle owner data obtained by law enforcement in support of a criminal investigation aided by LPR data is subject to the access requirements in Chapter 730 of the Texas Transportation Code. Chapter 730 does not require law enforcement to notice someone when their vehicle registration information data has been accessed.

D. "OWNERSHIP" OF LPR DATA

Clearly establishing which entities have authority over and bear responsibility for the data contributed to the LPR system is of paramount importance. The concept of ownership, while complex in any plan to share electronic data, is critically important to identifying which entities are responsible for ensuring the proper management and treatment of the information as well as implementing any data quality safeguards.

(1.) What entity will ultimately be responsible for the operation of LPRs and the data collected by them?

DPS will be stewards of the data contributed to the LPR database and will maintain the data in accordance with what is articulated in this PIA. However, the agency deploying the LPR is ultimately responsible for the operation of the LPR and the data collected by them. Roles and responsibilities regarding participation in the LPR database will be formalized in a user agreement.

(2.) What entity will ensure that data collected by LPRs is of sound quality?

The owning agency will ensure the data collected and submitted to the DPS LPR database is of sound quality.

(3.) What factors go into the determination of whether to share LPR data across jurisdictions?

The owning agency will have sole discretion with regard to the data they wish to promote to the DPS LPR database.

(4.) Will the entity from which LPR data originates (i.e., the data "owner") maintain any controls on the subsequent uses and disseminations of the data?

LPR data owners will enter into an agreement with DPS with regard to the subsequent uses and disseminations of the data. DPS will maintain the owning agency data in accordance with those user agreements, which will be based on the PIA. DPS will honor whatever retention time period the data owner wishes to be applied to their data and the owning agency will be able to remove their records from the LPR database at any time.

E. LAW ENFORCEMENT COLLECTION OF LPR DATA COMPILED BY OTHER ENTITIES

Police and other criminal justice agencies are not the only entities utilizing or seeking to utilize LPR cameras. For instance, some shopping centers and individual stores are installing fixed LPR cameras at their entrances to capture license plates numbers. LPRs are also used by private companies for auto repossessions. Other government entities also collect LPR data; a county agency responsible for operating a center for care of the elderly is interested in installing fixed LPRs to operate in conjunction with CCTV surveillance of the premises. Some of this privately collected LPR data may be made available to law enforcement agencies or actively sought after by police departments.

(1.) Should LPR data collected by other agencies be managed differently than data collected by the law enforcement agency's own LPRs?

LPR data owners will enter into an agreement with DPS with regard to the subsequent uses and disseminations of the data. DPS will maintain the owning agency data in accordance with those user agreements.

(2.) Should LPR data collected by a non-law enforcement agency be treated differently than LPR data collected by a law enforcement agency?

DPS will treat all LPR data in the same manner, regardless of the capture source.

(3.) Does the sale of LPR data by a law enforcement agency resemble a commercial use? Because the Fair Information Practices were first developed to address commercial uses of data, would it be advisable for a law enforcement agency interested in selling its LPR data to incorporate the FIPs into its data management policies?

DPS has no plans to sell LPR data. DPS does not own all of the data that will reside in the LPR database and would not sell the LPR data the DPS LPR equipment contributed to the file.

(4.) Would selling the data call into question an agencies' position that the data should be treated as confidential?

The majority of the data in the DPS LPR database will be not be owned by DPS; therefore, we will not sell the data.

F. COMPILATION AND SUBMISSION OF "HOT LISTS"

Many of the potential uses of LPR data require the comparison of license plate numbers collected by an LPR to numbers contained on a previously compiled list. These hot lists may be compiled by the local police department utilizing LPRs or compiled by other state or federal government agencies. The purpose of these lists is to bring to law enforcement officials' attention whenever the vehicle or an individual somehow associated with the vehicle is nearby so police officers can act accordingly. Actions taken by police officers will vary depending upon the list that contains the vehicle's license plate number.

(1.) What hot lists are law enforcement agencies likely to utilize as part of an LPR program?

DPS currently provides hot lists to LPR users consisting of extracts from TCIC (refreshed every hour) and NCIC (refreshed every 12 hours) files. Building on that set of data, DPS could look to expand the hot list provided to Texas law enforcement agencies to include items such as AMBER Alerts and Department of Homeland Security watch lists. DPS cannot presume what other law enforcement agencies are likely to utilize as part of an LPR program.

(2.) Under what authority are hot lists created and how does a license plate number get submitted or included on a hot list?

The hot lists constructed by DPS are based upon existing law enforcement files (TCIC/NCIC). The entry criteria for these files are published by the FBI in the NCIC operating manual. Agencies contributing to these files are audited on a regular basis to ensure compliance with the entry criterion. Additionally, the source files require entering agencies to validate the information contained in these files on a regular basis.

(3.) While some hot lists focus on identifying a particular vehicle (e.g., stolen cars, AMBER alerts, etc.), other lists seem to focus on trying to identify and locate specific individuals (e.g., sex offenders, wanted persons, etc.). What steps are taken to link an individual with a license plate?

For DPS hot lists, individuals are linked to license plates through the database from which the hot lists are extracted. These databases have entry criteria for these files geared toward accurately associating a license plate to an individual if such a linkage exists.

(4.) Are the links between license plates and individuals verified or updated on a regular basis?

The NCIC/TCIC files from which the hot lists are derived require entering agencies to review and validate the information contained in these files on a regular basis – this includes any linkage between a person and a license plate.

(5.) Various government agencies compile hot lists that law enforcement agencies may consider utilizing. Do hot lists developed by law enforcement agencies carry privacy implications different from hot lists developed by other government, but non-law enforcement agencies?

There are potentially greater privacy concerns regarding hot lists generated by law enforcement than those generated by non-law enforcement governmental agencies due to the type of data that may appear in the files. Information relating to vehicles in association with wanted persons is harvested from the NCIC/TCIC Wanted Person File. Vehicle information is also contained in the following NCIC files: Protection Order, Missing Person, Gang, Known and appropriately

Suspected Terrorists (KST), Supervised Release, Convicted Sexual Offender Registry, and the Immigration Violator.

(6.) What is the range of actions police officials take when an LPR identifies a license plate number contained on a hot list? Do police take any steps to verify that a license plate number is properly on the hot list?

DPS cautions agencies that the match of a vehicle against a hot file listing is not, on its own, justification to take action against the vehicle. User agreements with the users of the DPS hot lists instruct the agency to verify the hot list match with a real-time query to the database that was the source of the match and further directs the agency to take the appropriate confirmation steps prior to taking adverse action against the vehicle.

(7.) If an officer stops a vehicle due to its inclusion on a hot list, may the officer reveal to the driver the reason the license plate was added to the hot list or the name of the agency that created the hot list?

If the driver of the vehicle is found to be the true subject of interest associated with the vehicle's license plate, the driver will be made abundantly aware (through arrest or citation) of why the vehicle was added to the hot list file. If the driver is not the subject of interest associated with the vehicle's license plate, an officer may disclose the reason for the stop as long as the dissemination does not compromise the law enforcement value of the data.

LPR Data Access and Dissemination

LPR systems that electronically collect, analyze, and share license plate number data have the potential to improve the criminal justice system by enhancing the types of data available to apprehend offenders and identify previously undiscovered criminal activity. LPR data, when appropriately shared, can help reveal relationships among persons, places, vehicles, and activities not readily apparent in a paper-based information sharing environment.

A. SHARING LPR DATA AMONG LAW ENFORCEMENT AGENCIES

Police officials have a general duty to investigate crimes and criminal conduct. To fulfill this responsibility, police officials collect, analyze, disseminate, and retain a variety of information. It has long been a basic tool of criminal investigators to start with known subjects, and, with proper authorization, to look for information about them and the people with whom they interact. LPR data could provide police officials with information concerning the possible location of individuals and, as a result, identify new individuals for investigation because of their connection with a suspect or incident location. Although some of the connections revealed by an analysis of LPR data may be tenuous, it is the role and responsibility of police officials to exhaust investigative leads.

(1.) There seems to be a distinction between (a) a notification to a police official that a vehicle bearing a license plate number that is also contained on a hot list and (b) accessing stored LPR data concerning the times and locations a vehicle was observed. It is proposed that these purposes for accessing LPR data be addressed separately. Can these purposes for access be referred to as: (a) "notification data" and (b) "historic LPR data"?

DPS believes there is a distinction between LPR data access for the purpose of notification and for the purpose of historical queries. The difference between the two access uses is important to understand because it drives how the data is used. The notification usage is prospective – the hot list provides law enforcement with license data associated with vehicles that are the subject of law enforcement interest to be compared against LPR captures as the captures occur. The hot list data is derived from external databases and is not stored in the LPR database.

The historical LPR data use is retrospective – agencies with a legitimate law enforcement need to find a specific vehicle can query the LPR database to find data relating to where the vehicle may have been in the past. The geo-spatial location of the vehicle can provide law enforcement with information to further their criminal investigations.

(2.) Should there be a triggering device before a police official can access LPR data contained in some type of data repository concerning the times and locations a vehicle was observed? If so, what should that trigger be (e.g., reasonable inference of criminal conduct, reasonable suspicion, demonstrable need to know)?

Access to the DPS LPR database will require the inquiring agency to indicate the purpose for which the search is being requested – i.e. criminal justice purpose. DPS will log all access requests and use the log information as a means to audit an agency's appropriate use of access to the LPR data.

(3.) It is envisioned that LPR system data will be used in various forms of crime analysis. How will this crime analysis be conducted? What information will the results of the crime analysis contain and who may access these results?

The historical LPR data will enable various forms of crime analysis; for example, DPS will be able to trace the movements of felony vehicles over time (in hindsight) that travel specific routes from the border on a regular basis and help determine patterned movements associated with drugs / money / human trafficking. This type of data will be useful to inform deployment of personnel to interdict this type of traffic. The results of this type of crime analytics would be made available to the law enforcement community.

(4.) Is the presence of a license plate number on a hot list, alone, sufficient to justify stopping a vehicle? After stopping a vehicle on the basis that it's license plate is on a hot list, should police officials have to verify that a license plate number is properly included on a hot list before taking any formal decisions regarding the vehicle or driver?

DPS cautions agencies that the match of a vehicle against a hot file listing is not, on its own, justification to take action against the vehicle. User agreements with the users of the DPS hot lists instruct the agency to verify the hot list match with a real-time query to the database that was the source of the match and further directs the agency to take the appropriate confirmation steps prior to taking adverse action against the vehicle.

(5.) Although a location under the observation of an LPR remains fixed inside a local jurisdiction, many of the proposed purposes for collecting license plate data through the use of LPRs require the sharing of LPR data across jurisdictions. For example, in order to conduct an analysis of crime trends and series across jurisdictions may require submitting large quantities of historic LPR data to another agency or regional data repository. Alternatively, where another jurisdiction has already identified a vehicle of interest, it may be enough for a law enforcement agency to share the LPR data concerning that particular license plate number. How broadly will historic LPR data be shared across jurisdictions?

The DPS plans to house historical LPR data from Texas law enforcement from across the state. It is important to keep in mind the LPR database will only contain "index" data about a license plate captured by LPR. The more robust, detailed data will remain with the jurisdiction that captured the information.

(6.) How will requests for LPR data be processed?

Law enforcement agencies wishing to query the DPS LPR database will launch the request in a pre-defined query format through the Texas Law Enforcement Communication System (TLETS).

(7.) Will the originating agency impose any restrictions on the secondary dissemination of LPR data that it provides to other criminal justice agencies? If so, how will the originating agency ensure that those restrictions are followed?

The data contained in the DPS LPR database is strictly "index" information – detail information about the capture is maintained by the owning capture agency. The requesting agency will have to reach out to the owning agency to obtain additional information and it is up to the owning agency to allow access and set conditions for the disseminate of the information to the requestor.

B. SHARING LPR DATA WITH OTHER GOVERNMENT ENTITIES

Since the traditional sharing of investigatory information as a case progresses through the criminal justice system is already the subject of substantial amounts of case law and in some instance court supervision, this document does not address the subject. As a case progresses through the justice system, the LPR data is treated as any other type of evidence in the case. Thus, this document won't address the sharing of LPR data by a police department with a prosecutor's office. One of the proposed purposes for the use of LPRs is to enforce geographic

limitations on the movements of sex offenders, probationers and parolees, and people subject to orders of protection. This will require the exchange of license plate numbers, relevant geographic information, and actual observation data with agencies such as court clerks' offices, probation departments and departments of corrections. Some individuals owe fees and fines to a variety of federal, state, and local governmental agencies. LPR technology can also be utilized as a tool to facilitate the collection of outstanding fees and fines owed to governmental entities.

(1.) For purposes of LPR data, are probation and corrections departments considered law enforcement agencies?

DPS considers probation and corrections to be criminal justice agencies which would be entitled to access to LPR data.

(2.) What types of LPR data will be shared with non-criminal justice agencies?

DPS does not envision routinely sharing LPR data with non-criminal justice agencies. The data shared would be related to the purpose of the dissemination.

(3.) Under what circumstances should police officials share LPR data with non-criminal justice agencies?

DPS does not envision releasing LPR data to non-criminal justice agencies on a routine basis. Release would be considered on a case by case basis in order to support exigent circumstances such as locating a missing person or accounting for vehicles during an evacuation.

(4.) What other non-criminal justice government agencies are likely to request LPR data and for what purposes?

Not knowing other agency interest in LPR data, it is hard to predict which, if any, governmental agencies are likely to request access to LPR data.

(5.) Are probationers and those on parole or mandatory supervision required to provide a license plate number as a condition of supervision? Who may access such disclosures?

The NCIC "Supervised Release" file allows for the entry of license plate information for individuals on supervised release. Plate information from the Supervised Release file is contained in the LPR hot list, but is not maintained in the DPS LPR database. Access to the Supervised Release file is available through TLETS to authorized Texas criminal justice agencies.

(6.) How does an individual who owes a governmental entity a fee or fine become associated with a license plate number?

The DPS does not envision using the LPR data to assist with the collection of fees. However, linkage between fines and a license plate could be easily made in the cases of parking tickets, toll fees, and uninsured vehicles.

C. PUBLIC ACCESS TO LPR DATA

A parallel can be made between the recordings of a license plate by an LPR to the recordings of a radio transponder used to electronically pay a toll. Individuals using radio transponders to pay tolls can frequently obtain a listing of the tolls they paid that includes the toll location, date, and time the vehicle passed the toll. This can be useful for monitoring the use of the transponder. In similar fashion, it is possible agencies utilizing LPRs may receive requests for data as to the location, date, and time their license plate was recorded by an LPR. LPR data, potentially including images of the vehicle and the driver, could be useful in line-ups, identifying vehicles involved in hit-and-run accidents, or seeking missing persons. In these and similar

circumstances, law enforcement entities may want to affirmatively distribute LPR information to the public.

(1.) Every state has a freedom of information or "sunshine" law that provides the public with access to information maintained by government agencies. How will such requests for LPR data be handled? Are any statutory exemptions likely to permit an agency to withhold requested LPR data?

The responsiveness of the request will be tied to the type of data requested. LPR hot lists do not contain PII data and thus could be exposed to the public. However, some hot list data would need to be redacted because its release could compromise a criminal investigation or national security. The legacy LPR data contained in the DPS LPR database will be governed through the user agreements executed with the owners of the LPR data. The user agreements indicate legacy data remains the property of the contributing entity and DPS can only disseminate the data to criminal justice agencies for criminal justice purposes. Request for data from the LPR database should be made to the owners of the LPR data.

The Texas Attorney General has consistently ruled information relating to a motor vehicle title or registration issued by a state agency or country, including license plate numbers, is excepted from public release under section 552.130 of the Texas Government Code. These rulings directed government agencies to withhold license plate number information from release to the public, while section 730.007 of the Texas Transportation Code provides for certain permitted disclosures of this type of information, such as disclosure by a law enforcement agency in carrying out its functions.

(2.) Will all LPR data be considered limited to criminal justice agencies or otherwise be considered law enforcement sensitive? Does categorizing LPR data as law enforcement sensitive provide any additional privacy protections to the public? Are there any potentially negative consequences to law enforcement of treating LPR data as law enforcement sensitive?

The legacy LPR data contained within the DPS LPR database should be considered law enforcement / criminal justice sensitive. The intention of the data collection is to support the administration of criminal justice. Bulk release of the data could impact the privacy of the motoring public as the data could be used for non-criminal justice purposes such as advertising or surveillance by private investigators.

(3.) Under what public safety circumstances might a police agency seek to disseminate LPR data to the public?

The DPS LPR database will have very little data useful to the public. One use may be the release of the last recorded location for a vehicle associated with a missing or wanted person.

(4.) How might LPR data be disseminated to the public? What methods of dissemination would likely be used?

During those few circumstances when it would be useful to disseminate LPR data to the public, DPS envisions releasing the data through our Media and Communications Office in the form of a public service announcement in support of finding a missing or wanted person.

(5.) Would LPR data be used in a photo array/line-up situation?

The DPS LPR database will not contain images; hence LPR photo line-ups will not be a system feature.

(6.) What criteria would be used to determine whether to disseminate LPR data about missing persons? Do certain factors related to age and competency of the missing person influence the public dissemination of LPR data?

The release of the LPR data would have to materially contribute to the effort of trying to locate the missing person. The age of the person would not impact the public dissemination of the data. The decision to disseminate would be based on the ability to link the missing person to a specific vehicle – regardless of if the missing person was purported to be the driver.

(7.) Electronic data systems can create substantial quantities of statistical summary information. LPR systems can generate reports detailing, among other things, the number of (a) license plates recorded by a certain camera during a requested time period, (b) times a certain license plate is recorded passing a particular camera, and (c) "hot list" license plates spotted versus the gross number of license plates recorded. Will LPR systems be designed to generate statistical summary information regarding their operations? What types of statistical summary information would be helpful in administering an LPR system?

The DPS LPR database will be an aggregation of data captured by local agencies and will not be able to generate minutia level reports. Statistics available would include the number of records submitted by agency and overall number of records in the file. Hot list hit reports would have to be generated by agencies that actually use the hot lists in conjunction with their LPR deployment.

(8.) Who may have access to statistical summary information generated by the LPR system?

DPS believes the volume statistic for the DPS LPR database would be public information unless the disclosure of the information is determined to interfere with the detection, investigation or prosecution of crime.

D. ACCESS AND DISSEMINATION OF "HOT LIST" DATA

For purposes of clarity, this document separates LPR data from Hot List data. Section 3 (E) COMPILATION AND SUBMISSION OF "HOT LISTS" provides background information concerning the various types of hot lists likely to be utilized as part of an LPR system.

(1.) Are there any limits to the access and dissemination of hot lists? Can hearsay rules provide some guidance on the dissemination and secondary dissemination of hot list data?

The limits on the access and dissemination of hot lists generated by the DPS are governed by a user agreement executed between DPS and authorized criminal justice agencies.

(2.) How will requests for hot list data pursuant to a sunshine law be handled? Are any statutory exemptions likely to permit an agency to withhold requested hot list data? Are such exemptions permissive or must an agency withhold data if an exemption can be applied?

The hot lists themselves are excepted from public disclosure under Texas Government Code 552.130. Even if the DPS LPR hot lists could be released to the public, they would be of little use without access to the databases from which the lists are derived. For example, the hot list data is derived from the FBI's NCIC and Texas' TCIC which contain license plate information from the Vehicle, License Plate, Wanted Person, Protection Order, Missing Person, Gang, Known or Appropriately Suspected Terrorist (KST), Supervised Release, Convicted Sexual Offender Registry, and the Immigration Violator Files, but PII is not provided within the hot list data itself. Authorized criminal justice users will be able to access the source databases to

acquire any PII data associated with plate information contained in the hot lists. The general public would not have access to those source databases, resulting in the hot file listing being nothing more than a list of license plates of interest to law enforcement.

(3.) Are hot lists considered the "property" of the agency that compiles it? Does that ownership carry with it ultimate responsibility for the accuracy and completeness of the data contained in the list?

Because the DPS hot lists are generated from CJIS systems, the hot lists themselves fall under the stewardship of the department in its role as the FBI's CJIS System Agency (CSA). The accuracy and completeness of the data is tied to the systems from which the data is derived. DPS updates these hot lists on a regular basis – DPS TCIC data is updated every hour, FBI NCIC data is updated every 12 hours. Agencies choosing to utilize the DPS hot lists are required to update their local LPR hot lists as the updates become available, ensuring the information deleted from the source databases are also deleted from all local hotlists. The agreement also requires users to confirm hits derived from the hot lists are still active in TCIC/NCIC, at the earliest reasonable opportunity, in accordance with current hit confirmation policy.

(4.) Is a local law enforcement agency's use of hot lists required by any statute or rule? Is the use of hot lists optional?

The use of the DPS provided hot list is not required and is totally at the discretion of the local agency.

(5.) Who is entitled to see what license plate numbers are contained on a hot list?

The public would be able to see the plates contained on the hot list not redacted for investigation or security reasons.

(6.) What is the basis of any limitations on the public disclosure of hot list information? Are limits on such disclosure mandatory in nature?

Some data from the hot list may be subject to redaction because its mere presence on a publically available list could compromise a criminal investigation.

(7.) Should there be limits placed on the types of hot lists that will be uploaded into an LPR system?

DPS will control and limit any hot list data used on LPRs operated by the department. Local agencies will enjoy the same autonomy with regard to what hot lists are utilized by LPRs deployed in their respective jurisdiction.

LPR Data Retention

Although data retention periods were once necessitated by physical storage constraints, electronic storage of records has made the destruction of criminal justice information largely unnecessary. Thus, whether to retain LPR data indefinitely is a matter of policy that should take into consideration, among other things, the justice system's future need for the information as well as the public's reasonable expectations of privacy in the data. It may be important to note the Fair Information Practices call for the destruction of personal information when it no longer serves its original processing purposes. Thus, destruction is included in the concept of retention.

(1.) Data collected in a centralized LPR database can be logically separated based on the source of the data. Should the data be treated differently based upon the source for purposes of establishing retention standards?

The data contained in the DPS LPR database belongs to the agency that contributed the data to the database. The DPS has designed the LPR database to be able to honor any retention / destruction schedule desired by the contributing entity – hence retention lengths in the DPS LPR database may be different depending on the wishes of the contributing entity. If a contributing entity does not put a limit on the length of time the DPS LPR database may retain their data, the retention period will default to 3 years. DPS plans to retain data acquired by DPS operated LPR devices for 3 years. The 3 year retention schedule will be periodically reviewed to determine if it meets the needs of law enforcement. Based upon the review, the schedule may be lengthened or shortened. Any changes to the length of retention will be published in an updated privacy impact assessment.

(2.) What is the difference between a tactical use of LPR data and strategic uses? How do these different uses factor into establishing a reasonable retention period for LPR data?

Tactical use of LPR data will enable the detection of crime patterns and series by studying and linking common elements of crimes in order to predict when and where future events will occur. The strategic use of LPR data would concentrate on long-term crime trends and would be used to project where law enforcement presence should be increased or decreased.

Because the legacy LPR data is needed to support both types of analysis, the data requirements associated with developing usable models factors into the decision of how long to retain the legacy LPR data.

(3.) How do state records retention acts and other laws created to aid in government oversight affect the determination of how long to retain LPR data?

The Texas State Library requires state agencies to adhere to the retention period for data according to specific retention schedules. The retention schedule for DPS generated LPR data is 3 years.

(4.) What does it mean to destroy LPR data?

LPR hot list data is continuously refreshed on a daily basis. Old versions of the LPR hot lists are not retained as the list is kept current according to the source. Legacy LPR data retained in the DPS LPR database subject to destruction due to expiration of retention timeframe or the wishes of the contributing agency is deleted from the database and is not stored or accessible after it is deleted.

(5.) Is LPR data the type of information that may become stale?

LPR hot list can become stale. For this reason, hot lists derived from TCIC data are refreshed every hour and NCIC derived hot list data is refreshed every 12 hours. Legacy LPR data does not become stale because it is a geo-spatial historical chronology of a vehicle's movement.

(6.) What factors might inform the establishment of data retention standards for LPR data?

a. Statutes of limitation exist to encourage prompt investigations and prevent stale prosecutions. How do statutes of limitations impact the retention of LPR data that may be collected near a crime scene? Do statutes of limitation also impact the retention of LPR data not directly associated with a specific criminal event?

Information collected as part of an investigation may have usefulness beyond the life of the case. Not only could information be part of a continuing series of acts (important for statute of limitations purposes), but information may be useful to generate leads for the investigation of subsequent crimes or for crime analysis purposes. Because of these issues, statutes of limitation concerns are not applicable to LPR retention periods.

b. The quality of LPR data will likely weigh into any determination as to how long to retain license plate information collected by LPRs. It is submitted that information of a higher caliber and reliability and that is accurately attributed to the right individuals will weigh in favor of a longer retention period than information that is of lesser quality or from a less reliable source that is inaccurately complied.

All LPRs used by DPS will be maintained in accordance with manufacturer recommendations. Users of DPS LPRs will be trained to assure the proficiency of the operators with the LPR. The contributor agreement DPS exercises with the local agencies will require them to properly train the LPR operators and to maintain the equipment in accordance with manufacturer recommendations.

LPR Data Accountability issues

A. ACCOUNTABILITY OF DATA SHARING SYSTEM

Although the privacy issues identified in this document are varied, they can all be addressed by holding the agencies utilizing LPRs accountable for securing the information they collect and how they subsequently use the information. Agencies should strive to provide sufficient oversight and transparency in the development and implementation of a privacy policy.

(1.) The stakeholders of any information system are usually those individuals whose information is being collected and those individuals who are using the information. Who are the stakeholders of an LPR program?

The stakeholders for the DPS LPR database are the members of the criminal justice community. The Texas criminal justice community has deployed LPRs around the state of Texas and is capturing the license plates of vehicles within their jurisdictions. The data from these plate captures will be forwarded to the DPS LPR database, where they will be exposed to queries by other members of the Texas criminal justice community. The query aspect of the system will be open to all authorized criminal justice practitioners, regardless of whether they contribute to the file.

(2.) Will these stakeholders be contacted or approached to provide comments into the policy development processes?

These stakeholders will not be able to participate in the system unless they agree to be bound by the provision articulated within this privacy impact assessment. Because there is no state requirement for local criminal justice to use the DPS LPR system, the DPS will welcome comments to the policy development process so we can address any concerns that may prevent a stakeholder from participating in this program.

(3.) Is there any reason to exclude certain stakeholder groups from the privacy policy development process?

DPS welcomes comments from all stakeholder groups.

(4.) Who will ultimately be responsible for the development of a policy governing the collection, access, use, dissemination, and retention of LPR data? Who will be responsible for the adoption of such a policy?

As the owner of the DPS LPR database, the DPS will ultimately be responsible for the development of policy surrounding the data within the LPR database. The policy will include direction on the submission, access, use, dissemination and retention of the data within the DPS LPR database. The data owners will be responsible for the development, implementation, and enforcement of policies related to their systems and data.

B. ACCOUNTABILITY PROVISIONS CONTAINED IN A PRIVACY POLICY

The Fair Information Practices, Section 1 (E) above, provide a data controller should be accountable for complying with measures that give effect to privacy protections contained in its policies. There are several means of ensuring agencies utilizing LPRs or the data collected by LPRs are complying with any applicable policies regarding their use.

(1.) Will LPR systems utilize programmatic audit logs that document system notifications to users, user queries, and other entries into the LPR computer systems? What information should be contained in such a log?

The DPS LPR database will log query request made against the LPR data by criminal justice agencies. The logs will contain sufficient data to determine who made the query, when the query was made and the purported purpose of the query.

(2.) Will the LPR system log maintain primary and secondary dissemination logs? How detailed do dissemination logs need to be?

The DPS LPR system will only log primary disseminations. It will be the duty of the original inquirer to log any secondary dissemination of the data received from the DPS LPR database.

(3.) Who will be responsible for monitoring use of LPR data and conducting audits of the use of LPR data?

The DPS will audit local criminal justice agency usage of the DPS LPR system as a part of the current triennial audit of criminal justice agencies which access CJIS systems through the DPS.

(4.) Who will be responsible for investigating allegations that LPR data has been misused?

DPS will be responsible for investigating allegation of misuse of the DPS LPR system. The DPS already has a methodology in place to investigate potential misuse of any CJIS system when the potential misuse is reported. DPS will leverage the existing investigative process to investigate reports of LPR misuse.

(5.) Are entities that receive LPR data going to be made subject to the terms of the privacy policy? Should entities that receive LPR data from an originating jurisdiction be required to identify an individual responsible for ensuring that the LPR data is properly managed?

The DPS LPR data will be made available through the Texas Law Enforcement Telecommunications System (TLETS). Entities with authorized access to TLETS must agree to be bound by the privacy protection policies associated with the data they access. Currently, all agencies using TLETS must identify a Terminal Agency Coordinator (TAC) who is responsible for ensuring all users from their agency have access to the required training and policy documents associated with the data they seek to access.

(6.) Should individuals be able to challenge an agency's compliance with LPR policy provisions?

Individuals concerned about a specific agency's adherence with the DPS LPR access policy provisions are able to report the agency's alleged non-compliance to DPS for subsequent investigation.

(7.) If individuals were permitted to allege misuse of LPR data or that an agency is otherwise failing to abide by LPR policies, how would such allegations be filed and how could frivolous challenges be avoided?

Individuals are able to send allegations of LPR data misuse to the department in writing via the US Mail or to the DPS email system. This PIA will be on the DPS website, so potentially frivolous challenges can be avoided because the complainant will know what data is maintained in the LPR database as well as what data will be retained from each query made by an authorized agency. It is hoped this information would help a potential complainant determine if their complaint is justified and verifiable prior to making an allegation.

(8.) Do existing models for filing complaints about police service provide a sound framework for LPR complaints?

The existing model for complaints about TLETS related system misuse is appropriate for adjudicating allegations of LPR misuse.

(9.) What sort of penalties for non-compliance should be devised?

Agencies found to be non-compliant with TLETS related access policy are subject to sanction, up to and including termination of access.

LPR Data quality

Information quality is a multidimensional concept encompassing critical relationships among multiple attributes. For instance, the quality of a particular set of information can be expressed, among other ways, as the extent to which the data is: (a) available or easily and quickly retrievable; (b) appropriate for the task at hand; (c) regarded as true and credible; (d) easy to interpret and apply to different tasks; (e) correct and reliable; or (f) unbiased, unprejudiced, and impartial. Together, these attributes contribute to the validity of the information as it is used to make informed decisions. Good information quality is the cornerstone for sound decisions by justice practitioners and inspires trust in the justice system and in the agencies that use information. Data quality concerns implicated by the operation of an LPR program will focus on the quality of the license plate data collected by the LPR cameras, as well as the quality of the information contributed to the system in the form of hot lists. The sharing of LPR data across jurisdictions is also likely to be affected by the quality of the system's information.

A. ACCURACY OF LPR COLLECTION OF LICENSE PLATE NUMBERS

(1.) What is the accuracy of LPR cameras in their collection and recognition of license plate numbers?

The industry standard given by manufacturers is 98% of license plates are accurately read with optical character recognition (OCR). This percentage assumes the plate is not damaged nor does it have an object blocking a clear view of the plate (i.e. trailer hitch).

(2.) What entity will be responsible ensuring the data collected by LPRs is of sound quality?

DPS can only control the quality process for DPS deployed equipment. However, DPS will publish best practices for the contributing entity to adopt if they wish to use them.

(3.) What entity will be responsible for identifying inaccuracies in LPR data and correcting them?

The entity capturing the data will be responsible for identifying and correcting inaccuracies in LPR data they contribute to the DPS LPR database. DPS will provide the contributors with a methodology to facilitate these types of corrections.

B. ACCURACY OF INFORMATION CONTAINED IN HOT LISTS

Many of the potential uses of LPR data depend in large part upon the quality of the hot lists uploaded into police department computer systems. Little is publicly known about these hot lists and how they are compiled.

(1.) For what reasons are hot lists compiled?

Hot lists are compiled to provide LPR operators with an offline list of plates of interest to law enforcement. LPR systems compare the license plate data acquired by the LPR camera with hot list data to quickly determine if further action should be taken with regard to the vehicle bearing the matched plate.

(2.) Which hot lists concern officer safety and which do not?

The hot lists prepared by DPS are only differentiated by source – either FBI data or Texas DPS data. The data in both files is derived from databases that contain criminal justice information, some of which concerns officer safety.

(3.) Are there statistics concerning the accuracy of data contained in hot lists?

There are no statistics associated with the accuracy of the data contained in the hot files provided by DPS. However, the data in the DPS hot lists are derived from databases with strict entry criteria and whose records are subject to regular periodic validation by the agency providing the data to the source database.

(4.) Is there any method for an individual to challenge their inclusion (or the inclusion of their vehicle's license plate number) on a hot list? If so, who provides this method, the list's authoring agency or the police department that is uploading the hot list into the LPR system?

Because the data contained in the DPS provided hot files is derived from either TCIC or NCIC entries made by a specific agency, challenges should be addressed to the agency that entered the plate information into the system of record. Any changes to the records will be updated when the hot lists are refreshed. The TCIC-based hot list is refreshed every hour while the NCIC-based list is refreshed every 12 hours.

C. PARTIAL LICENSE PLATES

There are several instances where witnesses are only able to provide partial license plates. As partial license plates are, by definition, incomplete, they create data quality concerns. Nevertheless, partial license plates serve important investigative purposes.

(1.) How do LPR systems handle notifications where partial license plate numbers are involved?

Partial plates are not included in the Texas hotlist as the plate information is derived from NCIC/TCIC and follow the entry rules for those systems.

(2.) Should there be different policies concerning the entry of partial license plates onto hot lists or other notification lists?

There are no policy issues surrounding partial plates for DPS provided hot lists. Currently, the only time a partial plate can exist in the source NCIC/TCIC file is if the license plate number exceeds ten characters. In those cases only the first ten are entered. However, the entire number must be shown in the MIS Field. System rules dictate partial license plates must not be entered.

D. RIGHTS TO ACCESS AND CHALLENGE LPR DATA

(1.) To what extent, if any, should individuals be afforded a right to review and challenge information about them or their license plates collected by an LPR? What factors would help to make this determination?

The data contained within the DPS LPR database is promoted to the database by the agency that captured the plate. Any challenges regarding the limited plate data contained in the DPS LPR should be addressed to the agency that captured the data.

(2.) If it were appropriate to grant individuals a right to access and challenge LPR data about them, what types of administrative procedures would need to be developed?

The DPS LPR database will only contain data about the capture of a specific plate on a specific date and at a specific time. Because only the presence of a public capture of a license plate with no associated PII data is in the file, it is not appropriate to grant individuals a right of access to the LPR data. Without accessing registered vehicle owner data, it would be impossible for criminal justice agencies to determine if a person who sought access had any right to access data about a plate in question.

Use of LPR Information for Criminal Intelligence

Intelligence analysis is a time consuming and labor-intensive process that focuses on organized crime such as narcotics smuggling, money laundering, gangs, terrorism, and auto theft rings. Specifically, intelligence analysis is the study of criminal relationships and establishes links between known or suspected criminals and other suspected criminals or organizations. It links suspects to criminal organizations or events, to determine who is doing what with whom.

This goal of intelligence analysis, to determine who is doing what with whom, does so by focusing on the relationships between persons and organizations. Surveillance information, including field observations and travel information collected by LPRs, about suspects and those associated with him are a key part of this type of crime analysis. There is concern about the government collecting information and creating dossiers about people in the absence of probable cause.

(1.) In what circumstances could LPR data be considered the type of surveillance data that may qualify as intelligence information?

The DPS LPR capture data cannot be construed to be intelligence data. The data is contained in the database is incident data. The data reflects information detailing a vehicle bearing a specific license plate was seen at a specific location at a specific time. The data is collected on all vehicles that pass by the LPR equipment and no specific populations are surveiled unless as a part of a covert criminal investigation.

(2.) Is information collected on "bad guys" before they commit a crime or is it somehow related to information collected during the investigation of a crime that has already been committed?

Covert capture of LPR data is conducted in support of a criminal investigation of vehicles involved in the commission or suspected commission of a crime. Non-covert capture of LPR data is not targeted to a specific population and provides criminal justice entities with real-time notifications of matches against a hot list of vehicles for which criminal justice agencies have an active interest. LPR captures that do not result in a match provide criminal justice agencies with a geo-spatial chronology of a vehicles past movements without associating the vehicle with an identifiable person. This historical data can be used to assist with future criminal justice purposes.

LPR Data Security

Privacy and security, while related, are not the same thing. Although privacy cannot be maintained without security, security alone does not guarantee privacy interests are being respected.

The goal of this document is to identify the privacy issues that should be addressed prior to an agency's implementation of an LPR program. As such, this document acknowledges security is a component of ensuring the effectuation of privacy policies, but does not go into particulars regarding technological security safeguards such as user IDs, passwords, encryption, and firewalls, which are best left to IT professionals.

However, the security used to protect the LPR system data and access must meet the requirements articulated in the FBI's CJIS security policy.

A current copy of the CJIS security policy can be found at http://www.txdps.state.tx.us/SecurityReview/index.htm

Maintenance Contract
Statement of Work

For good and valuable consideration, the sufficiency of which the parties acknowledge, the parties agree as follows:

1. Services.

   a. Services Description. Subject to payment by Customer of the applicable fees in accordance with Section 3 of this Agreement, NEOLOGY will provide to Customer during the term of this Agreement the software maintenance services described in Exhibit A attached hereto (the "Services").

   b. Customer Responsibilities. As a condition to NEOLOGY's obligations hereunder, Customer will provide NEOLOGY with such good faith cooperation, assistance, and information as may be reasonably requested by NEOLOGY from time to time in order for NEOLOGY to provide the Services, including, but not limited to, carrying out the responsibilities set forth in the following sections of Exhibit A:

      i. Section 1.3 (Support Contact Persons);
      ii. Section 1.4 (Error Reporting);
      iii. Section 1.7 (Access to Personnel and Equipment);
      iv. Section 1.10 (Support by Customer); and
      v. Section 2.4 (Customer's Responsibilities).

2. Term and Termination.

   a. Term. This Agreement will begin on February 1, 2019 and continue in effect until January 31, 2020 unless terminated earlier in accordance with the terms of this Agreement.

   b. Termination. Each party will have the right to terminate this Agreement if the other party breaches any material term of this Agreement and fails to cure such breach within thirty (30) days after written notice thereof.

   c. Effect of Termination. Upon expiration or termination of this Agreement: (i) the Services shall immediately terminate, and Customer shall immediately cease all use of the Services; (ii) Customer will pay to SHI all fees and expenses accrued but not paid prior to the effective date of expiration or termination; and (iv) each party will promptly return any Confidential Information in its possession or will destroy such items and, upon request of the other party or parties, provide written certification that all such copies have been returned or destroyed. The rights and obligations of the parties contained in Sections 2(c) (Effect of Termination), 4 (Confidentiality), 5 (Limitation of Liability), and 6 (General) will survive the expiration or termination of this Agreement.

3. Confidentiality. "Confidential Information" means: (a) any business or technical information of Customer, SHI, or NEOLOGY, including without limitation, any information relating to the software for which Services are provided, finances, marketing plans, customer lists, business opportunities, research, development or know-how, and any other information the nature of which would reasonably be expected to be proprietary or

confidential; and (b) the specific terms and conditions of this Agreement, unless state, county, or municipal law mandates disclosure for purposes of FOIA requests or public record requests. Confidential Information will not include information in the public domain or that is independently developed by a party without reference to Confidential Information of the other party. The parties will not use the Confidential Information of one another except as necessary to perform this Agreement and will not disclose such Confidential Information to any third party. The parties will use all reasonable efforts to maintain the confidentiality of one another's Confidential Information, but in no event less than the efforts that it ordinarily uses with respect to its own proprietary information of similar importance. The foregoing obligations will not restrict any party from disclosing Confidential Information of the another party: (i) pursuant to the order or requirement of a court, administrative agency, or other governmental body, provided that the party required to make such a disclosure gives reasonable notice to the other party to contest such order or requirement; (ii) on a confidential basis to its legal or financial advisors; (iii) as required under applicable securities regulations; (iv) as required by state, county, or municipal law in response to a FOIA request or public records request; and (v) on a confidential basis to present or future providers of venture capital and/or potential private investors in or acquirers of such party. Notwithstanding the ng, Customer gives SHI and NEOLOGY its consent and approval to use Customer's name and/or logo in client lists and to refer to Customer in marketing materials and business conversations as a client of SHI and NEOLOGY.

4. Limitation of Liability. NEOLOGY'S LIABILITY ARISING FROM OR IN RELATION TO THESE TERMS WILL BE LIMITED TO THE AMOUNTS PAID BY CUSTOMER TO SHI IN THE TWELVE (12) MONTHS PRECEDING THE EVENT FROM WHICH SUCH LIABILITY ARISES. IN NO EVENT WILL NEOLOGY BE LIABLE TO CUSTOMER FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, STATUTORY, PUNITIVE, OR EXEMPLARY DAMAGES, INCLUDING LOST PROFITS, LOSS OF DATA OR GOODWILL, WHETHER FOR BREACH OF CONTRACT, TORT, BREACH OF WARRANTY, NEGLIGENCE, OR OTHERWISE, WHETHER OR NOT NEOLOGY WAS ADVISED OF THE POSSIBILITY OF SUCH LOSS OR DAMAGES, EVEN IF A LIMITED REMEDY SET FORTH HEREIN IS FOUND TO HAVE FAILED OF ITS ESSENTIAL PURPOSE.

5. General.

   a. Successors and Assigns. The rights and obligations of the parties to this Agreement will be binding on, and will inure to the benefit of each of the parties' successors, permitted assigns, heirs, and estates.

   b. Governing Law. This Agreement will be governed by and construed in accordance with the laws of the Commonwealth of Massachusetts, excluding that body of law known as conflict of laws.

   c. Relationship of Parties. The parties to this Agreement are independent contractors and this Agreement will not establish any relationship of partnership, joint venture, employment, franchise, or agency between the parties. No party will have the power to bind another party or to incur obligations on another party's behalf without such party's prior written consent.

   d. Attorneys' Fees. If any action is necessary to enforce the terms of this

Agreement, the substantially prevailing party will be entitled to reasonable attorneys' fees, costs, and expenses in addition to any other relief to which such prevailing party may be entitled.

e. Notices. All notices required or permitted under this Agreement will be in writing and delivered by confirmed facsimile transmission, by courier or overnight delivery services, or by certified mail, and in each instance will be deemed given upon receipt. All communications will be sent to the addresses set forth above or to such other address as may be specified by a party in accordance with this Section. Any party may change its address for notices under this Agreement by giving written notice to the other parties by the means specified in this Section.

f. Force Majeure. No party will be responsible for any failure or delay in its performance under this Agreement (except for any payment obligations) due to causes beyond its reasonable control, including, but not limited to, labor disputes, strikes, lockouts, shortages of or inability to obtain labor, energy, raw materials or supplies, war, terrorism, riot, acts of God or governmental action.

g. Non-Exclusive Remedy. Except as expressly set forth in this Agreement, the exercise by a party of any of its remedies under this Agreement will be without prejudice to its other remedies under this Agreement or otherwise.

h. Severability and Waiver. If for any reason a court of competent jurisdiction finds any provision of this Agreement invalid or unenforceable, that provision of the Agreement will be enforced to the maximum extent permissible and the other provisions of this Agreement will remain in full force and effect. The failure by a party to enforce any provision of this Agreement will not constitute a waiver of future enforcement of that or any other provision.

i. Entire Agreement. This Agreement, including Exhibit A, constitutes the complete and exclusive understanding and agreement between the parties regarding its subject matter and supersedes all prior or contemporaneous agreements or understandings, written or oral, relating to its subject matter. Any waiver, modification, or amendment of any provision of this Agreement will be effective only if in writing and signed by duly authorized representatives of all parties.

j. Counterparts. This Agreement may be executed in counterparts, each of which will be deemed an original, but all of which together will constitute one and the same instrument.

In witness whereof, the duly authorized representatives of the parties have executed this Agreement as of the Effective Date.

NEOLOGY

By: _____

Name: _____

Title: _____

Customer: Commonwealth of Massachusetts

By: _____

Name: _____

Title: _____

Exhibit A
Services

("**NEOLOGY**") is pleased to present this description for BOSS software Maintenance.

1. Software Maintenance

1.1 Responsibilities

NEOLOGY shall use commercially reasonable efforts to provide to Customer the first-level maintenance and support services for the BOSS Software that are described in Section 1.2. NEOLOGY shall be responsible for providing such Maintenance Services only to Customer and shall have no obligation to provide such services directly to, or respond to any requests from, Subscribers. However, NEOLOGY reserves the right to establish and maintain contact with any Subscriber in order to facilitate the delivery of any BOSS Software-related support services needed by such Subscriber. NEOLOGY shall provide the services described in this Exhibit A only for the most current and next most current release of the BOSS Software provided by NEOLOGY to Customer. Customer acknowledges that its failure to upgrade to a currently supported version of the BOSS Software may result in NEOLOGY's inability to provide such Maintenance Services.

"**Subscriber**" means an employee of Customer or an individual who has been identified as an authorized user for whom Customer has oversight and who (i) is authorized by Customer to access and use the BOSS Software; (ii) has registered online with NEOLOGY and been assigned a unique Subscriber ID and password combination to access and use the BOSS Software; and (iii) has agreed to the terms of NEOLOGY's standard end user license agreement for the BOSS Software prior to being permitted to access and use the BOSS Software for the first time.

1.2 Definitions

1.2.1 "**Error**" means a reproducible failure of the BOSS Software to operate in material conformance with the Licensed Documentation.

1.2.2 "**Level 1 Error**" means an Error that causes the BOSS Software to fail to operate whatsoever or to crash the system on which the BOSS Software is installed.

1.2.3 "**Level 2 Error**" means an Error that causes the BOSS Software to fail to operate in a material manner but does not render the system on which the BOSS Software is installed inoperable.

1.2.4 "**Level 3 Error**" means an Error that produces an inconvenient situation in which the BOSS Software operates substantially in accordance with the Licensed Documentation but nevertheless causes or results in substandard or erratic performance.

1.2.5 "**Level 4 Error**" means an Error that is minor or that is cosmetic in nature and does not result in reduced performance.

1.2.6 "**Resolution**" means a modification or workaround to the BOSS Software and/or Licensed Documentation intended to resolve an Error.

1.3 Support Contact Persons

Customer shall designate in writing to NEOLOGY no more than three (3) individuals to act as support contact persons (each, a "**Support Contact Person**"). Customer may change its Support Contact Persons upon written notice or email to NEOLOGY.

1.4 Error Reporting

Upon discovering an Error, Customer shall submit to NEOLOGY a report in which Customer shall use its reasonable business judgment to classify the Error in accordance with the severity classifications set forth above. Customer shall only report an Error through a Support Contact

Person, and only after Customer has expended reasonable efforts to resolve such Error. Customer shall contact NEOLOGY via the following means depending on the severity of the reported Error:

Severity	Method of Contact
Level 1 Error	Pager, Telephone and Email
Level 2 Error	Telephone and Email
Level 3 Error	Email
Level 4 Error	Email

1.5 Error Resolution

NEOLOGY agrees to respond to Errors reported by Customer and provide a Resolution as follows:

1.5.1 Level 1 Errors. NEOLOGY shall respond to Level 1 Errors within twelve (12) hours and shall use commercially reasonable efforts to provide a Resolution within one (1) business day.

1.5.2 Level 2 Errors. NEOLOGY shall respond to Level 2 Errors within twenty-four (24) hours and shall use commercially reasonable efforts to provide a Resolution within three (3) business days.

1.5.3 Level 3 Errors. NEOLOGY shall respond to Level 3 Errors within three (3) business days and shall use commercially reasonable efforts to provide a Resolution within ten (10) business days.

1.5.4 Level 4 Errors. Level 4 Errors shall be corrected at the next Maintenance Release, if not otherwise previously corrected.

1.6 Exceptions

NEOLOGY shall have no responsibility to fix any Errors arising out of or related to the following causes: (a) Customer's (or any other party's) modification, combination, or merger of the BOSS Software, in whole or in part, without NEOLOGY's express written authorization, (b) use of the BOSS Software in an environment other than an environment with the Licensed Configuration, (c) negligence, accident, or improper use, (d) use of the Software other than as authorized in the BOSS Agreement or as provided in the Licensed Documentation, (e) non-NEOLOGY software or hardware products (including without limitation the operating systems on which the BOSS Software operates) or use of the BOSS Software in conjunction therewith, and (f) Customer's use of other than the currently supported releases of the BOSS Software or any Error corrections or Updates thereto provided by NEOLOGY.

1.7 Access to Personnel and Equipment

Customer shall provide NEOLOGY access to Customer's personnel and equipment as reasonably required for NEOLOGY to provide support under these terms.

1.8 Additional Support Services

Upon request, and subject to availability of qualified NEOLOGY personnel, NEOLOGY shall provide support services to Customer in addition to those set forth in these terms. Customer shall be charged separately and pay for (a) such services at NEOLOGY's then-current standard rates, and (b) the reasonable travel, living, telecommunication, and other expenses incurred by NEOLOGY in connection with providing such services.

1.9 Maintenance Release

Whenever NEOLOGY makes any Maintenance Release generally available, NEOLOGY shall promptly deliver such Maintenance Release to Customer in a mutually-agreed format.

1.10 Support by Customer

Customer shall be solely responsible for performing all BOSS Software-related support services that are requested or required by any Subscriber, including fielding telephone support calls and performing basic troubleshooting. Customer shall not refer any Subscriber to NEOLOGY for such support services.

1.11 BOSS Software Maintenance Charge

This section lists the BOSS Software Products Maintenance provided by Neology to the SHI International Corp for the End Customer, the Commonwealth of Massachusetts Executive Office of Public Safety & Security ('MEOPSS'), for the maintenance price.

BOSS 3.6 Software upgrade(s)			
BOSS 4.x upgrade			
Time sync SMTP log emails			
EOPS / MassPORT BOSS Data Share			

2. Neology Maintenance Renewal

This section describes the proposed scope of the maintenance. Neology will provide software updates for the supported software listed in Exhibit A, Section 1.11. This includes providing the updated software, scheduling a time to update, running the update, and validating the success of the update.

2.1 Key Assumptions

The pricing is based on the following key assumptions:

a. The Maintenance presented in this Quote are limited to the Maintenance described herein and do not include:

(1) The services to install or upgrade hardware, third party system software or third-party application software components for Initial Production or development/test environments, unless specifically included.

(2) Taxes, shipping or any other charges not specifically included.

2.2 Facilities and Hours of Coverage

Neology will:

a. perform the work remotely, except for any work which Neology determines would be best performed at Customer's facility in Chelsea, MA in order to complete its responsibilities.

b. provide the work during normal business hours, 8:00 AM to 5:00 PM, MST, Monday through Friday, except holidays.

2.3 Neology Responsibilities

Neology will undertake the following activities:

Activity 1 - Maintenance

The purpose of this activity is to provide maintenance to MEOPSS for the MEOPSS BOSS and previously integrated data sources as shown below.

Neology will:

a. Provide email and telephone support Monday through Friday, 8:00am-5:00pm MST to MEOPSS's authorized representatives for questions and issues regarding their BOSS.

b. Respond with an initial assessment and a resolution plan.

c. Work with Customer on connectivity issues.

d. Execute upgrades to the application software and warehouse agreement.

e. If required, install and configure one (1) new Secure Socket Layer (SSL) certificate.

f. Resolve any issue found by NEOLOGY to be a defect in provided software runtime underlying the integration.

g. Monitor the throughput rate and various data statistics to facilitate early identification and resolution of operational issues, under the terms of this SOW to the extent allowed by MEOPSS security policy and practices.

(1) Troubleshoot and when the issue is covered under BOSS Node/Data Integration Maintenance either correct the issue or engage Customer to assist in restoring refresh data flow.

h. Provide a refresh report to a technical contact or other individual upon request and agreement. A valid email address must be provided for this automatic service to be set up.

i. Provide up to 120 hours of maintenance toward:

(1) The modification of a BOSS feature when (1) those modifications are necessary as the result of changes to (but not replacement of) Customer's data source product and (2) the modifications are within scope of the original data source integration.

(2) Extraordinary data access control requests, e.g. the deletion of a document from the BOSS warehouse in response to a court-ordered expungement.

The following are excluded from the maintenance provided by Neology:

a. Recovery from catastrophic failure of hardware and/or third-party software.

b. Backup of an

c. Issues resulting from down time or incorrect operation of data sources.

d. Issues or upgrades related to any third-party hardware or software.

e. Any third-party vendor maintenance charges.

f. Ensure the compliance of ALPR data retention policies within BOSS through periodic audits and any needed purging beyond the system capabilities.

Completion Criteria:

This activity will be considered complete when the End Date has been reached.

Deliverable Materials:

- Resolution Plan as needed

2.4 Customer's Responsibilities

The completion of the effort depends on the full commitment and participation of Customer's management and personnel.

The responsibilities listed in this section are to be provided at no charge to NEOLOGY. NEOLOGY's performance is predicated upon the following responsibilities being fulfilled by Customer. Delays in performance of these responsibilities may result in additional cost and/or delay.

a. make appropriate personnel available to assist NEOLOGY in the performance of its responsibilities;

b. supply all prerequisite hardware and software to be used during the performance of this SOW;

c. provide information and materials NEOLOGY requires to provide the maintenance. NEOLOGY will not be responsible for any loss, damage, delay, or deficiencies in the maintenance arising from inaccurate, incomplete, or otherwise deficient information or materials supplied by Customer or on behalf of Customer;

d. ensure that current maintenance, license, and other applicable agreements are in place with third parties whose work may affect NEOLOGY's ability to provide the maintenance. Unless specifically agreed to otherwise in writing, Customer is responsible for the management and performance of the third parties, and for any third party hardware, software or communications equipment used in connection with the maintenance;

e. designate up to three (3) representatives to contact NEOLOGY with questions regarding the BOSS node and data sources during the maintenance period;

f. provide VPN and remote desktop access to the hardware comprising the BOSS solution so that NEOLOGY can monitor and maintain the data sources as described in this SOW;

g. keep the third party hardware and software used for the BOSS node current with any fixes and upgrades during the period of maintenance;

h. notify NEOLOGY of bulk operations to be performed on data sources;

i. be responsible for any data and the content of any database, the selection and implementation of procedures and controls regarding its access and, use, backup and recovery and security integrity of the stored data. This security will also include any procedures necessary to safeguard the integrity and security of software and data used in the maintenance from access by unauthorized personnel; and

2.5 Maintenance Charge

The maintenance will be conducted on a fixed price basis. All charges are exclusive of any applicable taxes.

Travel and living expenses are not expected for this maintenance. Should any travel to Customer's facility be required, estimated travel and living expenses will be paid by Customer and will be authorized through a Project Change Control Procedure.

3. Time and Material Services

NEOLOGY will provide 120 hours to MEOPSS for BOSS Services work which is not included as part of BOSS maintenance at the agreed upon rates, up to the maximum listed.

The Services will be conducted on a time and materials (T&M) basis at a rate of $120 per hour USD.

NEOLOGY will invoice monthly for actual Services hours worked, applicable taxes and other reasonable expenses incurred in connection with the Services. Amounts are due upon receipt of the invoice and payable upon agreed payment terms. Payment may be made electronically to an account specified by NEOLOGY or by other means agreed to by the parties.

4. Fees

Below is a chart of the fees associated to the services listed in this agreement.

Description of Service	Fee
Initial year of maintenance service	$57,000
Subsequent year(s) of maintenance service	$50,000
Travel fee	$1,100 per day
Time & Materials Labor fee	$120 per hour

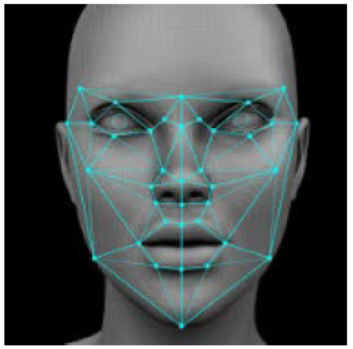
Commonwealth Fusion Center

Sean Bender
Intelligence Analyst
Commonwealth Fusion Center
Massachusetts State Police
470 Worcester Rd.
Framingham, MA 01702
508-820-2233
Fusion@pol.state.ma.us
Sean.Bender@pol.state.ma.us

Law Enforcement Technologies for Narcotics Investigations

- Automated License Plate Recognition (ALPR)
- Facial Recognition
- Open Source Intelligence/Open Source Exploitation

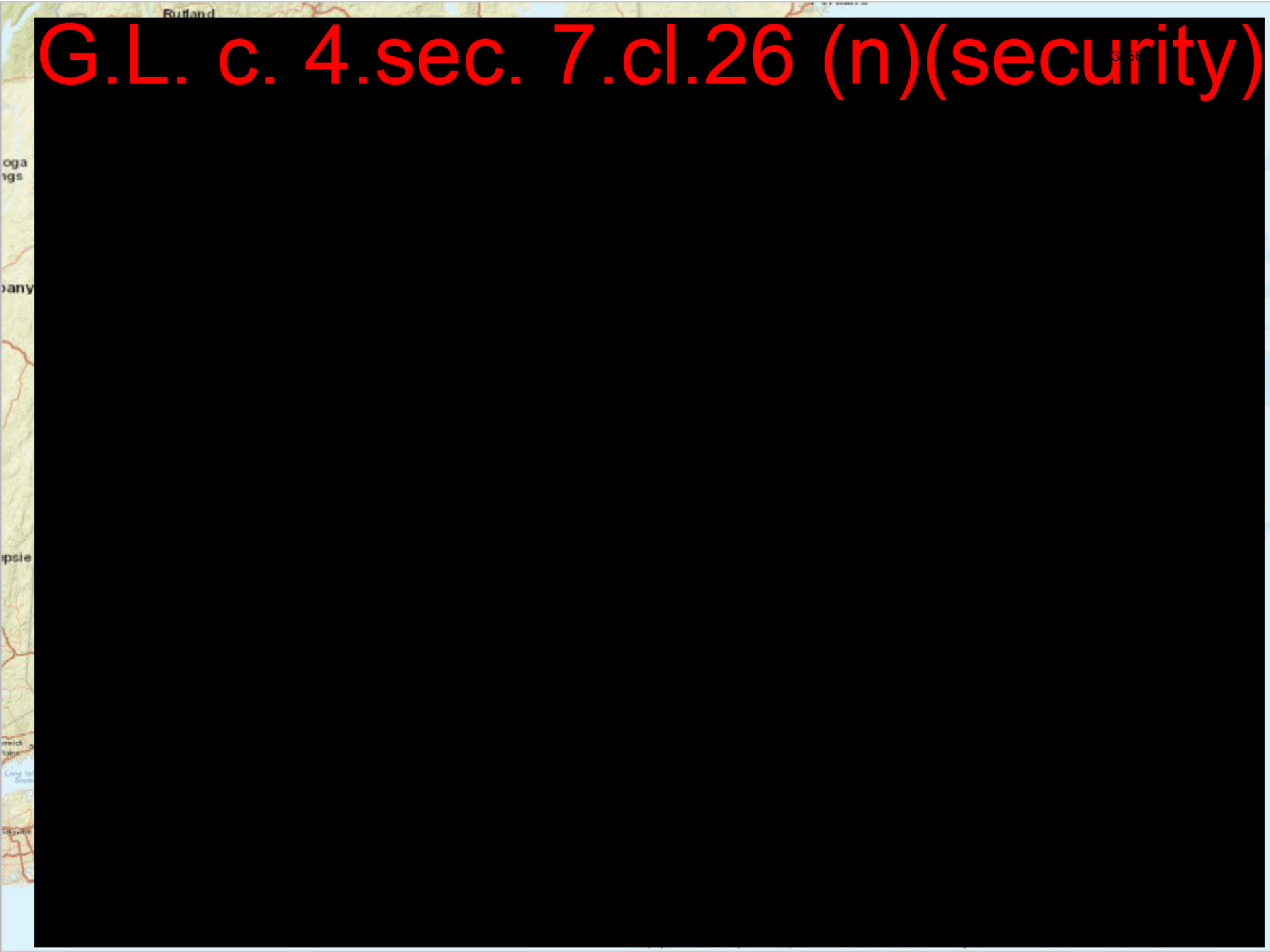






Automated License Plate Recognition (ALPR)

- Utilizes high-speed cameras combined with sophisticated computer algorithms capable of converting the images of license plates to electronically readable data
- Optical Character Recognition (OCR) Technology
- Capable of comparing the digital images of license plates to the CJIS-NCIC Hot file database (Missing/Wanted/Stolen)
- Combination of Fixed + Mobile + Portable units


G.L. c. 4.sec. 7.cl.26 (n)(security)

Automated License Plate Recognition (ALPR)

Historical Queries

- Data retention policy may vary by agency
- Results typically include: Date/Time, Location (Lat/Long), Photograph of Plate/Vehicle
- Pattern of travel
- Wildcards (%)
- OCR Accuracy and Misreads



Automated License Plate Recognition (ALPR)

Hotlists & Alerts

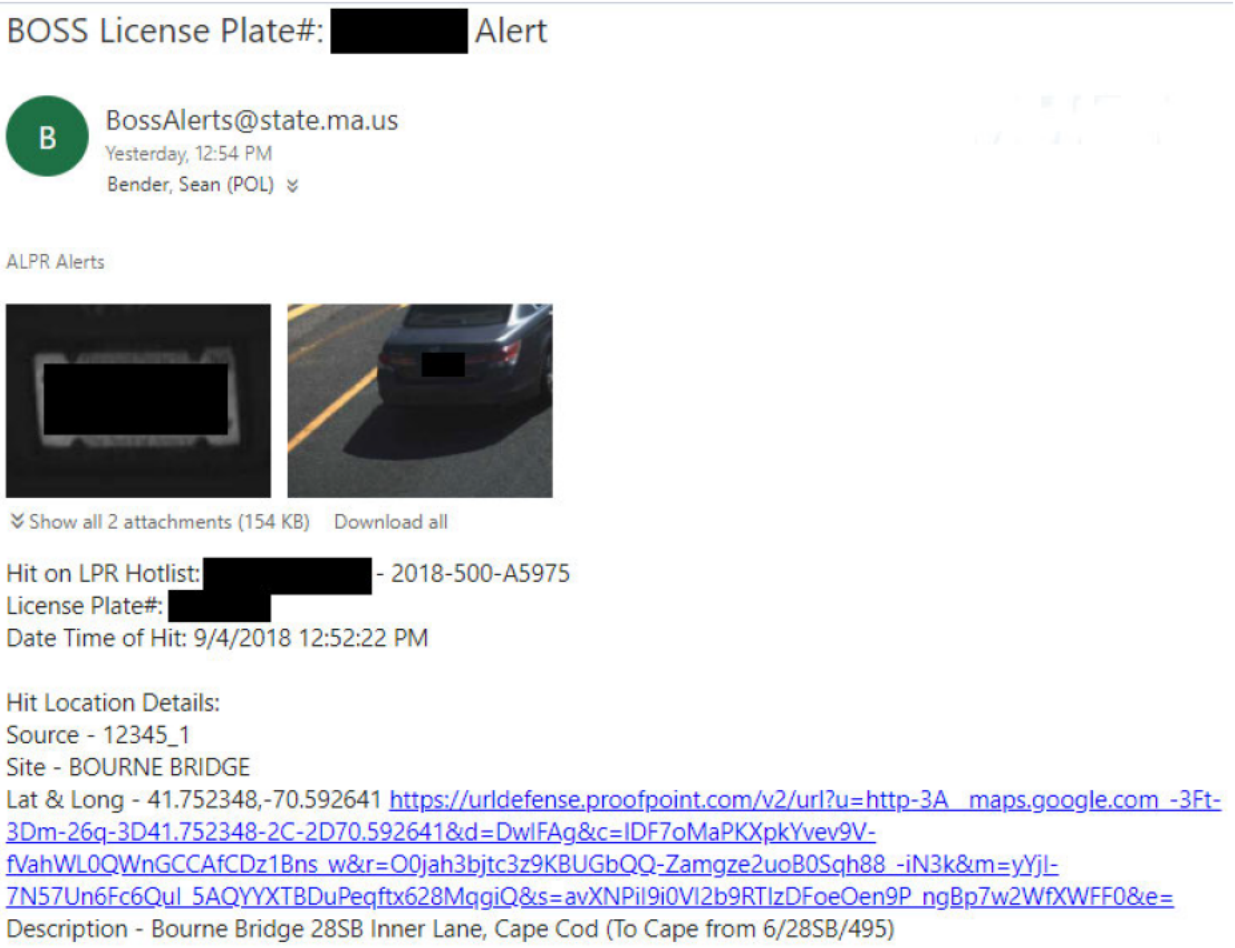
- Data retention policy may vary by agency
- Overt vs. Covert
- E-Mail & SMS

Examples:

- **Narcotics Investigations**
- Missing Person/Silver Alerts
- BOLOs/Attempt-to-Locate
- Wanted Person(s)
- AMBER Alerts

Screenshot:

PD on Cape contacts CFC (1149) with tip from CI that vehicle will be bringing narcotics to/from the Cape within the hour. Plate added to Hotlist. Requesting agency notified in near real-time when vehicle passes Bourne Bridge LPR



BOSS License Plate#: [redacted] Alert

B BossAlerts@state.ma.us
Yesterday, 12:54 PM
Bender, Sean (POL)

ALPR Alerts

Show all 2 attachments (154 KB) Download all

Hit on LPR Hotlist: [redacted] - 2018-500-A5975
License Plate#: [redacted]
Date Time of Hit: 9/4/2018 12:52:22 PM

Hit Location Details:
Source - 12345_1
Site - BOURNE BRIDGE
Lat & Long - 41.752348,-70.592641 https://urldefense.proofpoint.com/v2/url?u=http-3A__maps.google.com_-3Ft-3Dm-26q-3D41.752348-2C-2D70.592641&d=DwIFAg&c=IDF7oMaPKXpkYvev9V-fVahWL0QWnGCCAfCDz1Bns_w&r=O0jah3bjtc3z9KBUGbQQ-Zamgze2uoB0Sqh88_-iN3k&m=yYjl-7N57Un6Fc6Qul_5AQYYXTBDuPeqftx628MqgiQ&s=avXNPil9i0Vl2b9RTIzDFoeOen9P_ngBp7w2WfXWFF0&e=
Description - Bourne Bridge 28SB Inner Lane, Cape Cod (To Cape from 6/28SB/495)

Leading the innovation **in detection**

PIPS TECHNOLOGY
DETECTION INNOVATION

3559

Increase your vision

new mobile solution

P720

mobile camera

& **SX4e** processor



Extended field of view

- 2 lane coverage
- FOV increased by 42%
- 1280 x 720 @ 60fps
- New sensors for better image quality

Longer Capture Range

- Up to 45ft - 50% increase
- Improved low-light capability

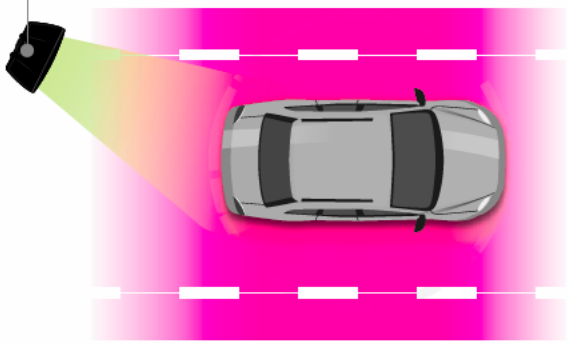
inimal Upgrade Barrier

Same low profile and small footprint
as the P634 mobile camera
Backward compatible with current
IPS™ brackets

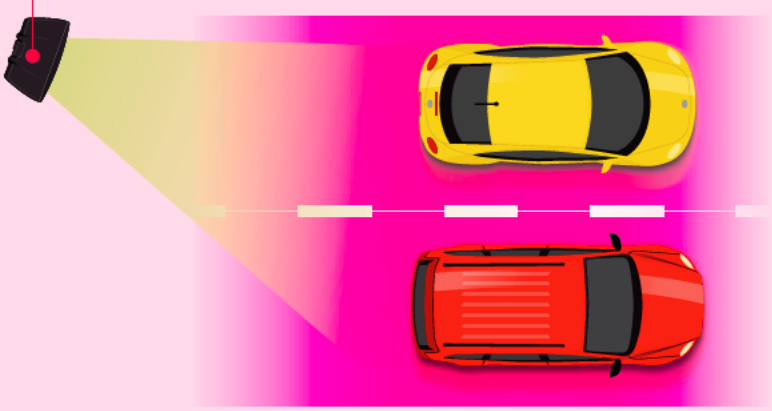
and flexible installation

DE cable available in 15 ft to 100 ft
tal IP67 sealed connectors
7 housing for outdoor operation

P634 camera field of view (Current)



P720 camera field of view

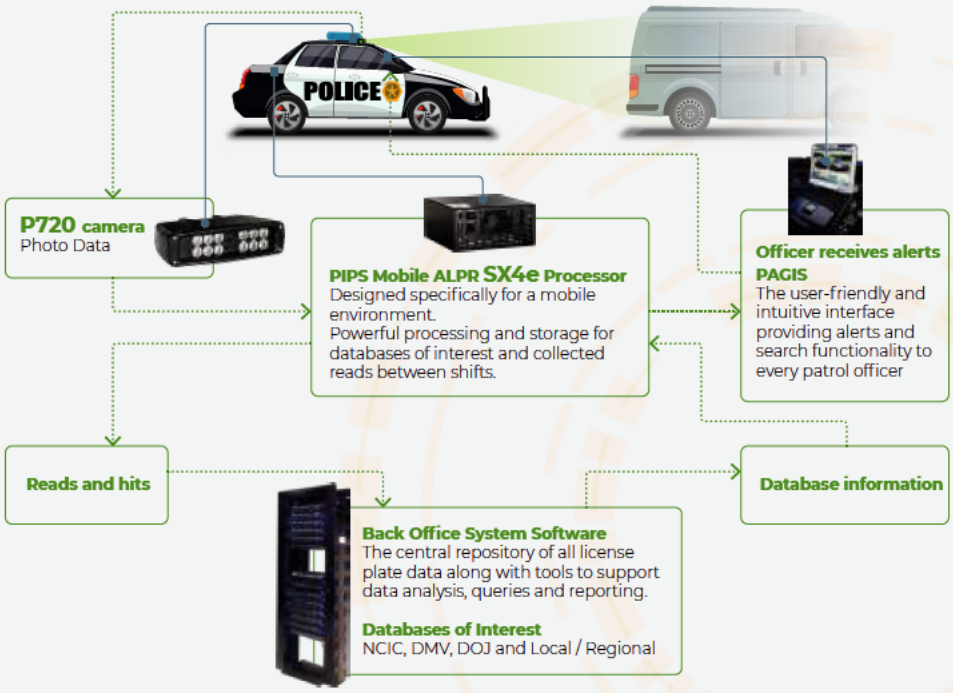


Mobile ALPR Systems

PIPS TECHNOLOGY
DETECTION INNOVATION

Mobile ALPR Systems assist on-street patrol officers checking for criminal activity by capturing and analyzing license plates against known databases. This compact, rugged system has been IP67 certified and mounts securely below the lightbar for limited visual interference.

PIPS Mobile ALPR Solution is a force multiplier that increases officer productivity and safety with every deployment.



APPLICATIONS

On-street enforcement of:

- Stolen Vehicles
- Amber Alerts
- Unregistered Vehicles
- Wanted Criminals
- Parking Violations
- Be on the Lookout (BOLO)

FEATURES AND BENEFITS:

- Offers high resolution coverage for a full lane of traffic with up to two concurrent vehicles in the field of view.
- Instantly checks captured plates against one or more databases of interest to immediately alert officers of hits.
- Increases spatial awareness for improved officer safety.
- Enhances proactive, preventative enforcement by enabling more intelligent investigations and data sharing across jurisdictions.
- Back Office System Software (BOSS) stores all collected data in a central location to support data analysis, data queries and reporting for law enforcement investigations (in accordance with each jurisdiction's data retention policy).

PIPS TECHNOLOGY
DETECTION INNOVATION

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For additional information, assistance or maintenance questions please contact Neology ALPR/ANPR support at:

PHONE: **833-PIPS-LPR (833-747-7577)**

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Support Request Email: support@pipstechnology.com

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Support Request Email: support@pipstechnology.co.uk

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PIPS TECHNOLOGY™

DETECTION INNOVATION



PAGIS
User's Manual

Version 2.9 or above

NEOLOGY™ MOBILITY TECHNOLOGIES

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For the U.S/Can and all other areas: Support Request Email: support@pipstechnology.com
For Europe, Middle East and Africa: Support Request Email: support@pipstechnology.co.uk
Web: www.pipstechnology.com
Fax: 858-391-0264
Address: 13520 Evening Creek Drive
Suite 460. San Diego, CA 92128

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Version

This manual documents the 2.9 series versions of the Neology / PIPS Technology PAGIS Software and was last updated on July, 2018.

1 INTRODUCTION

The PIPS PAGIS Software provides in-car Automatic License Plate Recognition (ALPR; also called Automatic Number Plate Recognition, or ANPR). This software has been developed in collaboration with law enforcement to ensure that it meets the needs of their agencies and officers as well as the needs of other organizations, such as security and asset recovery companies, that must identify vehicles and associated license plate data.
The PAGIS Software ALPR solution uses up to four PIPS dual-channel, or dual-lens, cameras (color and Infrared [IR]) to read plates and a software program installed on the PIPS™ Mobile ANPR/ALPR Processor or on a mobile data computer (MDC) such as a laptop.

The software is optimized to run on MDCs with Windows XP (SP2 or SP3), Windows Vista, Windows 7, or Windows 8 operating systems; it runs on the PIPS Mobile ANPR/ALPR Processor with Microsoft Windows XP Embedded. Either a standard or touch screen monitor can be used.
The larger buttons and software-based keyboard make data entry easy when using a touch screen.

The PAGIS Software downloads the infrared plate image provided by any of the cameras along with the plate number interpreted through Optical Character Recognition (OCR) by the mobile processor. The application then searches for any matches of the plate with plates listed in the databases, or "hotlists," uploaded from the PIPS Back Office System Software (BOSS) or other external sources.



WARNING: To reduce the risks associated with impact, which if not avoided, could result in serious injury or death: Do Not interact with the ALPR system while driving in hazardous situations. The PIPS mobile camera series and License Plate Capture Software are not intended for use in hazardous environments, so that the User and/or others are not put at risk for personal injury and/or property damage.

1.1 Color and Infrared Camera in One Unit

The PIPS Technology mobile camera series uses visible light to take color overview pictures of the vehicle and uses infrared illumination to capture the license plate's alphanumeric characters.
IR illumination offers the best capture performance of reflective license plate characters:

- License plates can be highly reflective to IR.
- Cameras using IR are not affected by, and do not depend on, visible light or the absence of natural or artificial light. Because the effects of headlight or sunlight glare and total darkness are eliminated, the system can be used 24 hours a day, seven days a week.
- IR penetrates rain and fog better than visible light.

A maximum of four (4) PIPS dual-lens cameras can be installed in one vehicle, provided the system supports the additional mounting hardware.

1.1.1 Available Enhancements

Additional information about other PIPS Technology applications, cameras, and solutions is available on the PIPS web site: http://www.pipstechnology.com

1.2 Using This Manual

The remaining chapters of this software manual are as follows:

Chapter 2: Screen Reference explains every screen function in the PAGIS Software including setup functions available to Administrators.

Chapter 3: Administrator's Guide to Installation explains how to install and update the PIPS PAGIS Software.

The appendices describe additional features (such as the INI file), additional procedures, and features available to international users. This manual also includes a glossary and an index.

2 SCREEN REFERENCE

This chapter guides the user through the PAGIS Software screens and the available options. Screens are grouped according to functions. When a button is grayed out, the option is not available or no information has been accrued to activate it.



2.1 The PAGIS Software Login Screen

The PAGIS Software allows for multiple users with individual access privileges. For users with touch screen monitors, the Key Pad button immediately to the right of any text box that accepts input gives you access to an on-screen keyboard for data entry.

Badge No. (Username)– The alphanumeric string assigned to identify the user. For law enforcement officers, this is typically their badge number.
Password – Password of the user.

Location – Location where the PAGIS Software will be used. This is an optional field. If the Administrator has configured a default location, that location will be displayed; otherwise, it will be blank. You can manually enter a location at logon, keep the default location, or leave the location field blank.

Login – Logs the user on to the PAGIS Software.

Exit – Quits the PAGIS Software.

2.1.1 Logging on with the Default Administrative Account

- The PAGIS Software includes a default administrative account that can be used for the initial configuration. For the very first logon after installation, press **Login** with the Badge No. and Password fields blank.

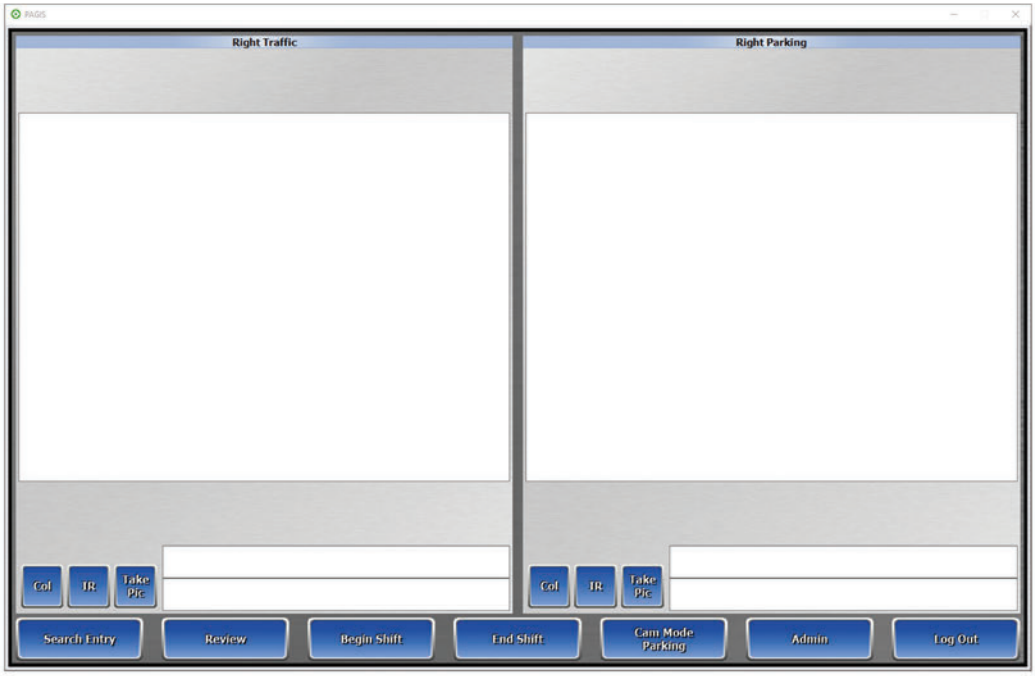
- If the PAGIS Software is wirelessly synced to the Back Office System Software (BOSS) and if BOSS only has the default user account, then on the next login, the user must type “admin” in the Badge No. field and leave the Password field blank.

System Administrators are strongly encouraged to configure users for the PAGIS Software soon after installation and setup. Once usernames and passwords are established by the System Administrator, the default user account will be disabled. Make sure that, when user accounts are created, at least one account has administrative privileges.

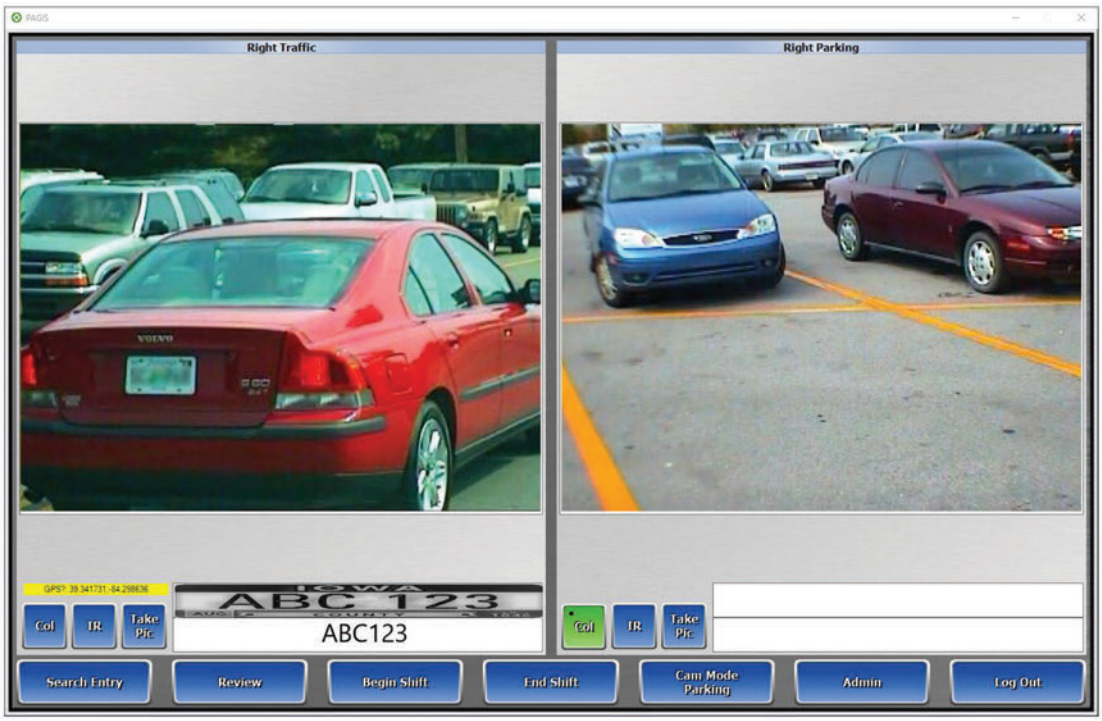
2.2 Main Screen- Live View

Once a user logs on, the Main screen opens. This is the primary view of all the PAGIS Software features that can be accessed from this point. It is on this screen that read images are monitored. Once a connection has been established with the mobile cameras, images will be displayed, and the system will begin capturing plates.

PAGIS supports live view of only two cameras at any given time, change this view can be accomplished by clicking the “Cam Mode” button- see “Cam Mode” further down in this manual.



PAGIS operates as a static view, meaning images will not appear in the camera panels until a plate has be captured. Once a plate is seen then captured by a camera it will display the captured information in the corresponding camera panel that captured the plate. By default, each plate capture is accompanied by a quick “Beep” sound.



2.2.1 Camera Control Features

The dual-lens cameras can capture both a color and an infrared image. There are three buttons for the two cameras displayed on the Main Live View screen. Two of these buttons allow you to change the image from color to infrared and back again.



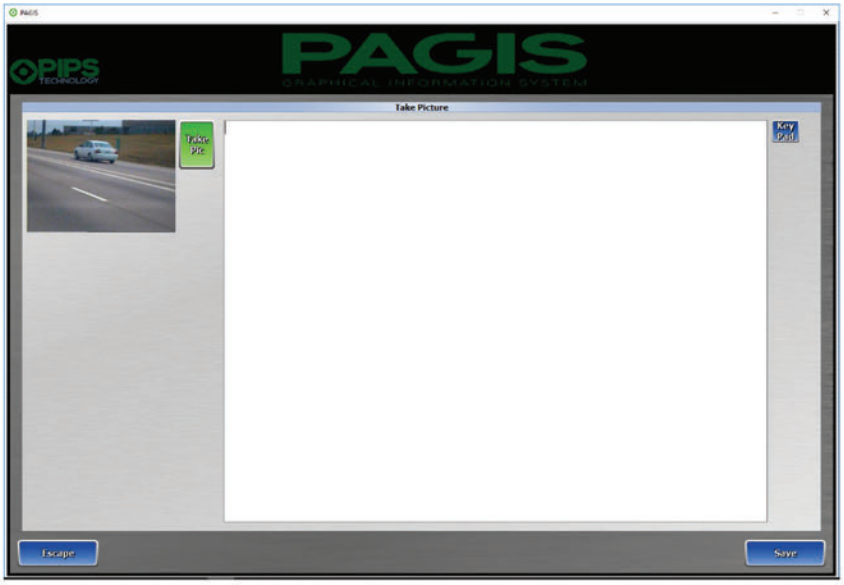
Col – Click the "COL" button to view live color camera feed, this live feed will stay active for 45sec or until the next plate capture for that camera.

IR – If the IR button is clicked, the IR image being sent from the camera will be displayed on the Live View screen. If a read occurs while the image is in IR mode, the image will change back to static color image.

GPS Coordinates – Color-coded GPS coordinates appear just above the three buttons for each camera. Yellow background indicates that the coordinates have been received and the system is in the process of confirming the information. The background changes to green when the

2.2.1.1 Taking a Picture

Take Pic- Take a picture of the image displayed for that particular camera.



To take a picture from the Live View:
1. Press the **Take Pic** button to open the Take Picture screen.
2. Once the image displays for that camera, enter any desired notes in the text box using the keypad button or keyboard.

IMPORTANT: The picture will NOT be saved if a note is not entered in the text box.

---

3. Press **Take Pic** again.
4. Press **Save** to save the picture, or **Escape** to cancel. Either action will return you to Live View.

2.2.2 Other Functions Accessible from Live View

Six of the seven buttons across the bottom of the Live View screen take you to additional system functions:



Search Entry, Review, Begin Shift, End Shift, Cam Mode, and the Admin Main Menu, described in the following sections. Pressing **Log Out**, the right-most button on the bottom of the screen, logs you out of the software and returns you to the Login screen.

2.3 Search Entry

Press Search Entry from the Live View screen to display the screen that lets you search the synchronized databases for license plates, reads, or driver's licenses. The same Search Entry screen is also accessible from the Database screen. Searching returns only information that is in the database(s) synced at Begin and End Shift, and in the PAGIS Software "Manual Reports" database.

Text Box – Enter the alphanumeric string to search.

Key Pad – Press to activate an on-screen keypad, for use with a touch screen monitor or with a mouse.

Clear – Clear the content of the text box.

DL# – Check the databases (BOSS hotlists) for a driver's license number entered in the text box, (Not available in some country's).

Reads – Search for a match of the entered number with the reads and hits currently stored in the PAGIS databases.

Add VLP – Add plate number to "Manual Reports" database or check the databases for the entered vehicle license plate.

Esc–Return to the previous screen.



2.3.1 Searching for Matches

Press the Search **Entry** button on the Live View screen.

- Press **Key Pad** to activate the on-screen keypad.
- In the text box enter the alphanumeric string to search.
- To search for a driver's license number, press the **DL#** button.
- To search for a match with a read or hit currently stored in the PAGIS Software database, press the **Reads** button.
- To search for a specific plate, press the **Add VLP** button to search the databases for matches. If a match occurs, a message displays showing that the plate is already recorded and which database(s) it has been found in. If no match occurs, the plate number can then be added to the Manual Reports database using **Add VLP Report**.

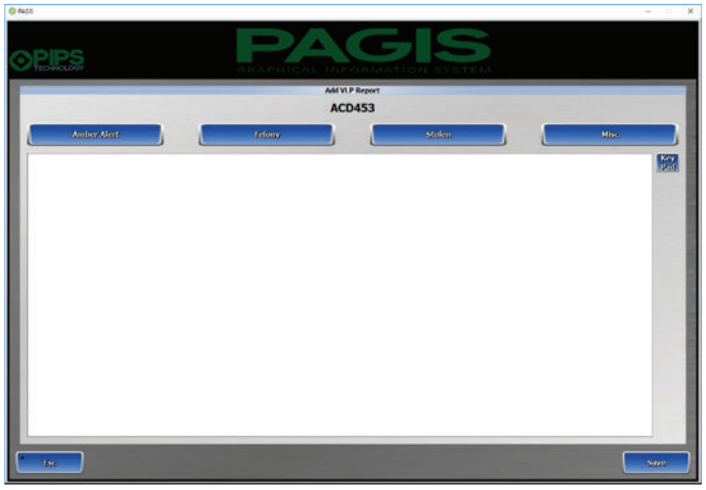
Note: Wild card searches can also be performed using the * and _ characters. The asterisk (*) designates an unknown number of characters while the underscore (_) indicates a single missing or unknown character. To search for a plate number with the characters J and 8, entering "*J_8*" will display all records containing J and 8 separated by one character.

- Press **Clear** to clear the content of the text box.
- Press **Esc** to return to the Live View screen.

2.3.1.1 Adding a VLP Report

If a VLP query does not return a match for a searched license plate, the Add VLP Report will be displayed and can be used to add the plate to the Manual Reports database. The plate number searched will appear near the top of the screen. Under it are the following buttons, including four alert options.

- **Amber Alert –** Flags the current entry with an Amber Alert.
- **Felony –** Flags the current entry as used in a felony.
- **Stolen –** Marks the current plate as a stolen vehicle.
- **Misc –** Flags the current entry as a miscellaneous offense and can be used to classify the plate as other than Amber Alert, Felony, or Stolen in the additional information you add to the text box.
- **Text Box –** The alert option selected will display in the text box. Additional text can be entered for documentation purposes.
- **Key Pad –** Press to activate an on-screen keypad, for use with a touch screen monitor or with a mouse, to add information to the text box.
- **Esc –** Returns you to the Search Entry screen.
- **Save –** Updates the Manual Reports database with the new information.



To add a VLP report:

1. Select **Amber Alert**, **Felony, Stolen**, or **Miscellaneous** as applicable. The license plate number with the date and time stamp will now appear in the text box.

Note: The data will NOT be saved unless you select one of these four buttons.

2. Add to the text box any additional information associated with the license plate.
3. Press **Save** to update the Manual Reports database with the new information.
4. Press **Esc** to return to the Search Entry screen.

2.4 Review

Pressing the Review button opens the Review screen, which displays a summary of data collected during the shift in four categories:

• Reads- shows two counts: the total number of reads synced to BOSS (in Disk Sync mode this will always be zero) and the total number of reads captured during the shift.

• Hits- the total number of hits that have occurred during the shift.

• Misreads- the total number of reads marked as misreads during the shift.

• Audits- shows two counts: the number of audits synced to BOSS (again, in Disk Sync mode, this will always be zero) and the total number of audits during the shift.



The buttons on the Review screen allow you to review the information collected in the four categories plus the available databases. On the screen for each type of information, you can scroll through every item in the category.

Hits – Displays the hit alerts for VLP reads that matched plates in the database(s).

Reads – Displays all plate detections that have occurred since the last End Shift sync.

Audits – Displays failed and successful logons, any manual data entered during the shift, and all manual license plate searches.

Misreads – Displays reads and/or hits that have been manually flagged during the shift as misreads, where the plate number in the image does not match the OCR interpretation of the plate (e.g., a letter O misread as a Q or zero).

Databases – Takes you to the Database screen and all the databases currently in the PAGIS Software.

Esc – Returns you to the previous screen.

2.4.1 Hits



To review hits, you can access the Hits screen from the Review screen. Also, whenever a hit occurs (i.e., whenever a VLP read matches a database entry), the PAGIS Software sounds an alarm and automatically displays the Hits screen with the database information to alert the user.

At the top of the screen there is information about the specific hit:

Camera Name – The name of the camera ("Right Park" in the screen shot) from which the hit originated.

GPS Location – The GPS coordinates for the hit. If a GPS device is not attached, the location is displayed as 0,0 for longitude and latitude.

Date and Time Stamp – The date and time when the system captured the VLP, with all associated data, and confirmed it as a hit.

Patch Image – A thumbnail image of the license plate.

OCR Text – The character string that the OCR engine matched to the current plate patch. If it was a misread, you can click or tap on the text, which takes you to the on-screen keypad where you can correct the license plate and flag it as a misread. Note: The plate will then be saved as a misread and can only be viewed from the Misreads screen.

Overview Image – An overview image of the vehicle, displayed in color when available.

Target – A person of interest associated with the plate. If a hit has associated targets, the number of targets found will display at the top of the Hits screen. The user can click on that message to display the target information. You can also access information on a target by pressing the Target button on the Admin Main Menu.

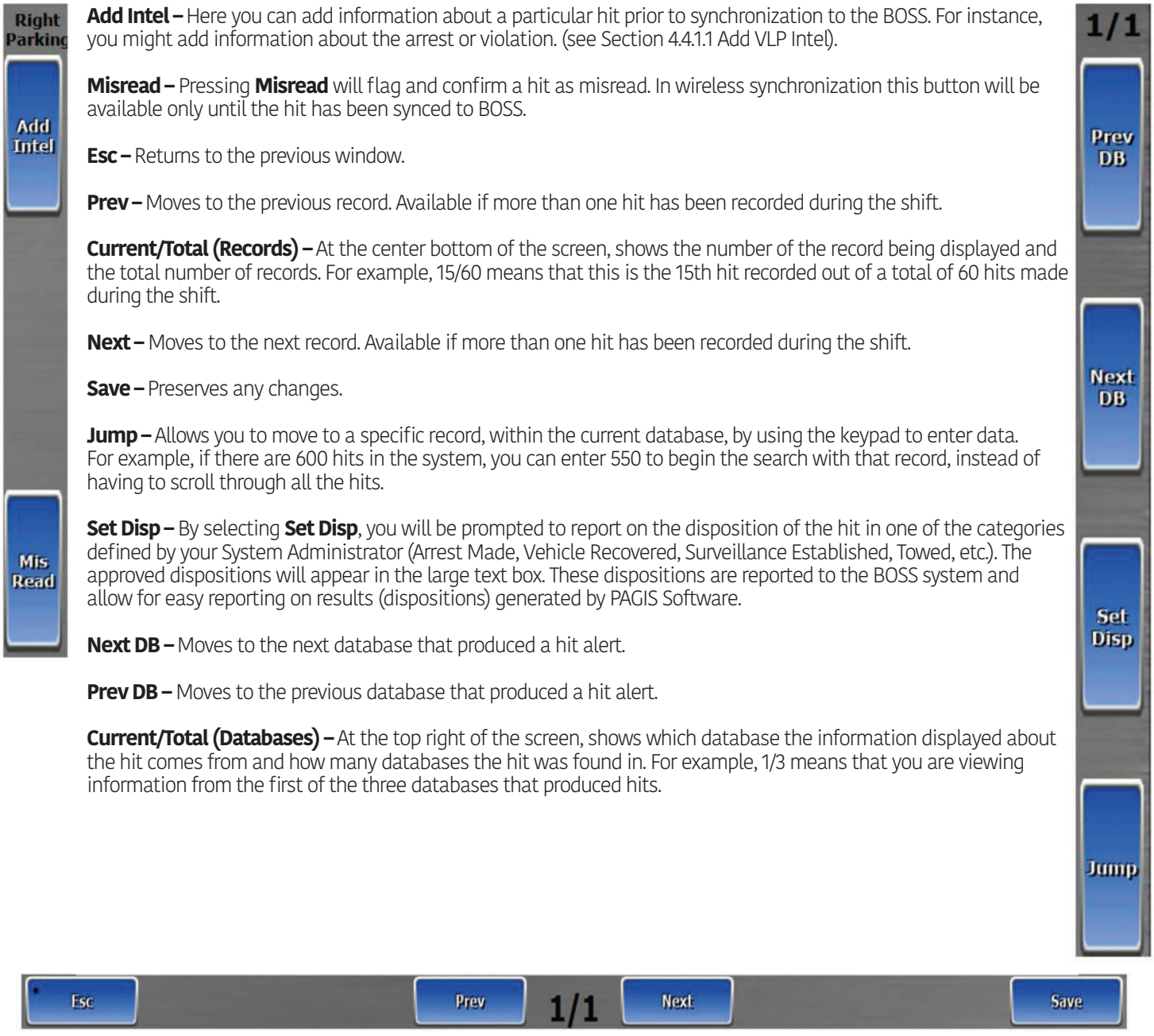
Database – In the center of the Hits screen, the database that the plate was found in will be listed.

Information – Any information related to the vehicle that has been extracted from the database where the VLP was found will appear in text on the right side of the screen. Information manually added by the user will appear in the large text box at the bottom of the screen.

Typically, a database can contain:

- The VLP.
- Vehicle color, make and model.
- An action to take with the vehicle, a reason for the action, and general information about the offending vehicle.

The buttons around the edges of screen (listed from the top left, down, across, and up the right side) provide other functions:



Add Intel – Here you can add information about a particular hit prior to synchronization to the BOSS. For instance, you might add information about the arrest or violation. (see Section 4.4.1.1 Add VLP Intel).

Misread – Pressing **Misread** will flag and confirm a hit as misread. In wireless synchronization this button will be available only until the hit has been synced to BOSS.

Esc – Returns to the previous window.

Prev – Moves to the previous record. Available if more than one hit has been recorded during the shift.

Current/Total (Records) – At the center bottom of the screen, shows the number of the record being displayed and the total number of records. For example, 15/60 means that this is the 15th hit recorded out of a total of 60 hits made during the shift.

Next – Moves to the next record. Available if more than one hit has been recorded during the shift.

Save – Preserves any changes.

Jump – Allows you to move to a specific record, within the current database, by using the keypad to enter data. For example, if there are 600 hits in the system, you can enter 550 to begin the search with that record, instead of having to scroll through all the hits.

Set Disp – By selecting **Set Disp**, you will be prompted to report on the disposition of the hit in one of the categories defined by your System Administrator (Arrest Made, Vehicle Recovered, Surveillance Established, Towed, etc.). The approved dispositions will appear in the large text box. These dispositions are reported to the BOSS system and allow for easy reporting on results (dispositions) generated by PAGIS Software.

Next DB – Moves to the next database that produced a hit alert.

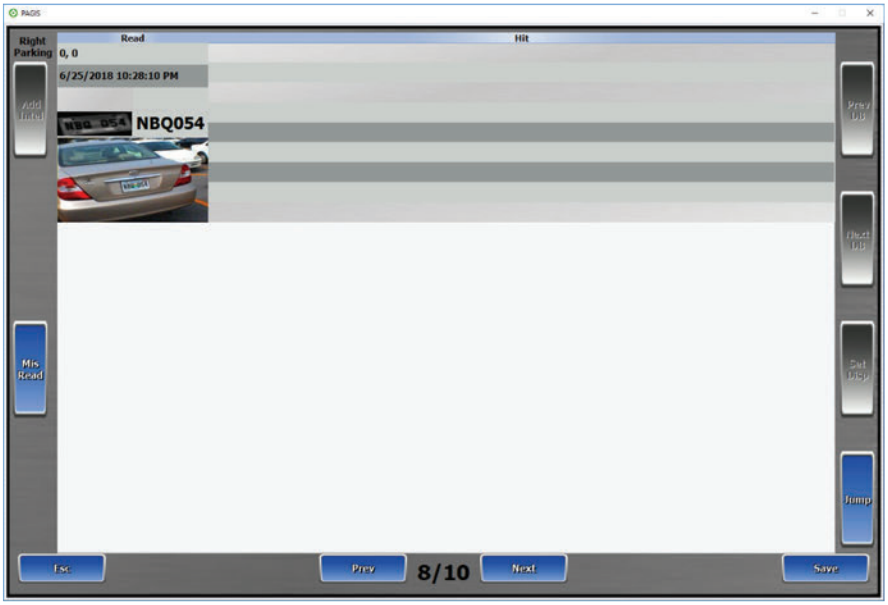
Prev DB – Moves to the previous database that produced a hit alert.

Current/Total (Databases) – At the top right of the screen, shows which database the information displayed about the hit comes from and how many databases the hit was found in. For example, 1/3 means that you are viewing information from the first of the three databases that produced hits.

2.4.1.1 Add VLP Intel

Pressing the Add Intel buttons opens the **Add VLP** Intel screen. Possible outcomes for the hit (Towed, Arrest, Not Recovered, and Misc) are listed across the top of the screen. Press the keypad to enter additional information about the hit in the text box. Press **Save** to save the data entered, which will now also appear on the Hits screen for this record. The Add Intel feature is available prior to synchronization to the BOSS.

2.4.2 Reads



To review reads you can access the Reads screen from either the Review screen or the Live View screen. The Reads screen is the general image review area.

At the top of the screen there is information about the specific read:

Camera Name – Displays the name of the camera that captured the read.

GPS Location – Your vehicle location at the time of the read. The coordinates are received from a GPS device if one is attached.

Date and Time Stamp – Displays the date and time when the vehicle image was recorded.

Patch Image – Shows a thumbnail image of the license plate.

OCR Text – The character string that the OCR engine matched to the current plate patch. If it was a misread, you can click or tap on the text, which takes you to the on-screen keypad where you can correct the license plate and flag it as a misread.

Note: The plate will then be saved as a misread and can only be viewed from the Misreads screen.

Overview Image – Displays an overview image of the vehicle, in color when available.

The buttons around the edges of screen (listed from the top left, down, across, and up the right side) provide other functions:

Add Intel – This button is grayed out (unavailable) on the reads screen because additional information doesn't need to be added to a read.

Misread – Pressing Misread will flag and confirm a read or hit as misread. The user is not expected to correct the read at that time. In wireless synchronization, available only until the read has been synced to BOSS.

Esc – Returns to the previous window.

Prev – Moves to the previous record.

Current/Total (Records) – These numbers, at the center bottom shows the number of the read record being displayed and the total number of reads. For example, 5/40 means that this is the fifth read recorded out of a total of 40 reads made during the shift.

Next – Moves to the next record.

Save – Preserves any changes.

Jump – Allows you to move to a specific record, within the current database, by using the keypad to enter data.

Set Disp – This button is grayed out (unavailable) on the Reads screen because, when there is not a hit, no action needs to be taken.

Next DB – This button is grayed out because reads are not found in any databases.

Prev DB – This button is grayed out because reads are not found in any databases.

2.4.3 Misreads

When a license plate hit or read has been marked as a misread, it will be listed in this screen. Using the Misreads screen, you can edit or update misreads.

Camera Name – Displays the name of the camera that captured the read.

GPS Location – The location of the PAGIS Software vehicle at the time of the read. The coordinates are received from a GPS device if one is attached.

Date and Time Stamp – Displays the date and time when the vehicle image was recorded.

Patch Image – Shows a thumbnail image of the license plate.

OCR Text – The character string that the OCR engine matched to the current plate patch. If it was misread, you can click or tap on the text, which takes you to the on-screen keypad where you can correct the license plate.

Overview Image – Displays an overview image of the vehicle, in color when available.

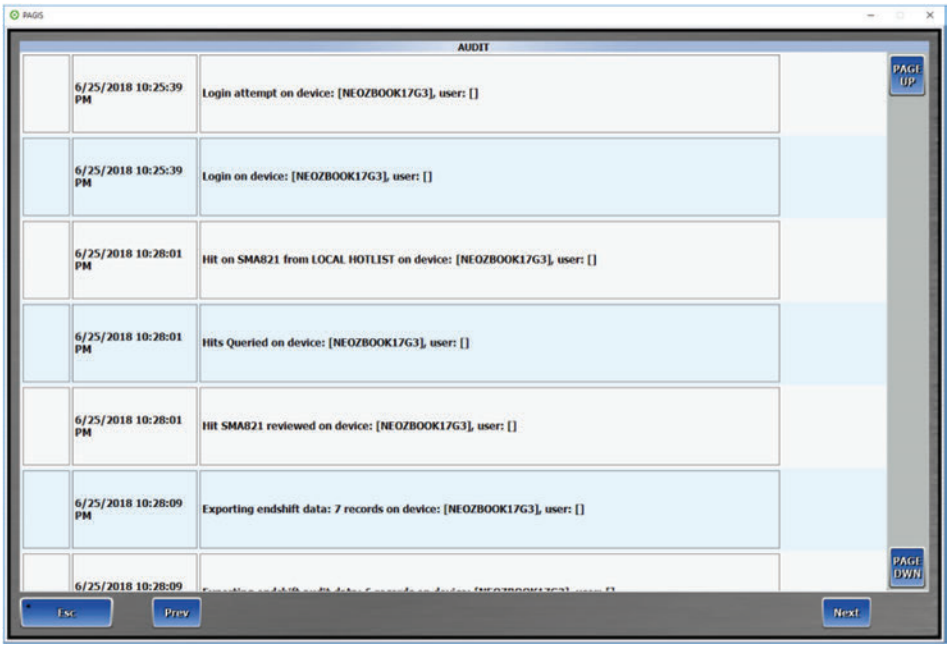
Add Intel – This button is grayed out on the Misreads screen.

Misread – This button is grayed out on the Misreads screen.

Set Disp – This button is available on the Misreads screen only if the misread was originally a hit. Otherwise, it will be grayed out (unavailable).

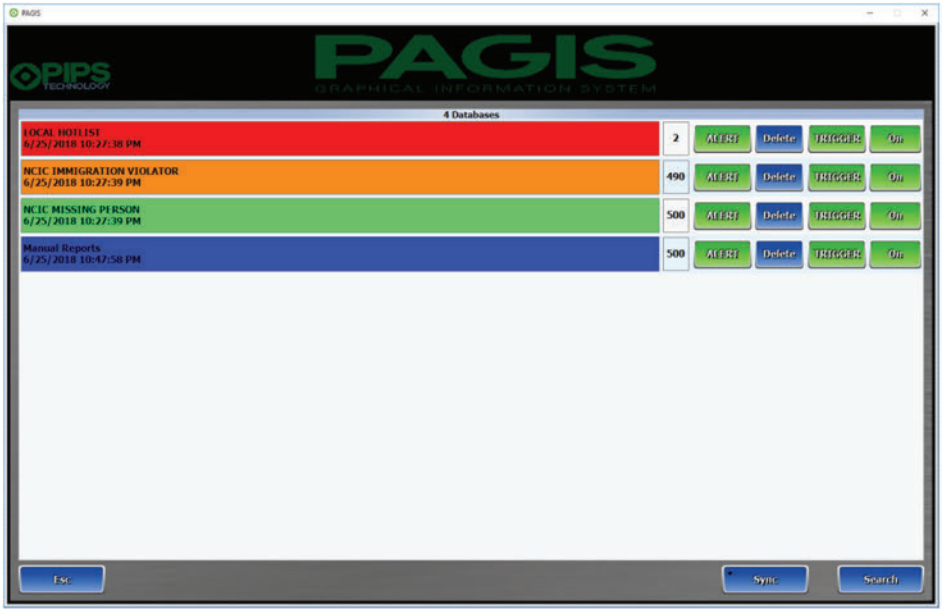
2.4.4 Audits

The Audits screen provides a log of various actions taken during the current shift, including searches, synchronizations, hits, etc. Performing an End Shift or syncing the database clears the log.



2.4.5 Databases

The Database screen is opened by pressing **Database** from the Review or the Admin screen. Databases can be toggled on and off and deleted from this screen in each individual PAGIS Software vehicle.



Database Name – Displays the name of the database (BOSS hotlist) in the field, along with the date and time stamp showing the last database synchronization.

Priority – Database priority is shown by the number in the second column (100-999), as determined by the System Administrator.

The lower the number, the higher the database priority; that is, a hotlist with a priority of 100 has the highest priority. By default, the Manual Reports database created by the PAGIS Software has a priority of 500.
Delete – Removes the database from the current session. Because databases are managed in BOSS, if the deleted database has not been removed from the BOSS deployment list, it will be added back on the next synchronization either via the atomically sync cycle every 30sec or during begin shift.

Trigger/No Trg – If **Trigger** is on, the software sends a signal to a com port on the mobile processor and any device (such as a video light or siren) connected through this port will active the device during an alert.

On/Off – Database status indicator. A green On button indicates that the database is active. A red **Off** button shows that the database is inactive and hits will not be generated from that database in PAGIS.
Alert/No Alert- When this button is clicked it will switch from “Alert” or to “No Alert” depending on its previous state. “Alert” means the PAGIS user will be alerted if a hit is triggered. If “No Alert” is displayed the PAGIS user will not be notified of alert but the alert will still occur in BOSS. This setting is not available by default in PAGIS, the administrator must alert the “PAGIS.exe.config” file and set <add key=”AllowDisabledAlerts” value=”true”/>, PAGIS must be restarted for changes to take effect.

Prev – Displays the previous page of listed databases.

Next – Displays the next page of listed databases.

Esc – Returns the user to the previous screen.

Sync – Causes the PAGIS Software to check for new data and add it to the current database. Old data is also removed from the software.

Search – Opens the Search screen.

2.4.5.1 Activating and Deactivating Databases

A database can be toggled by pressing the On/Off button beside the database name. If a database is active, plates will be compared against it. If a database is inactive, it will be ignored when plates are being checked. Active databases are highlighted in green. The steps are as follows:

1. From the Database screen, scroll to find the database to activate or deactivate. If there are more databases than the screen can display at once, use the **Next** and **Prev** buttons to page through them.
2. To activate or deactivate a database, click **On** or **Off** next to the database name. The button’s color will change from green to red, or vice versa, to reflect the change.
3. The database can be reactivated by reversing the process.

Pressing Delete will remove both active and deactivated database from your current session in PAGIS. The database will reappear after the software is next synced to BOSS.

2.5 Begin Shift

A “shift” typically means the user’s tour of duty and/or the amount of time when he/she starts a shift and ends a shift. The PAGIS Software imports and stores data that is used during a shift, such as BOSS hotlists, dispositions, and targets.
If the PAGIS Software has been set by the Administrator to Disk Sync (e.g., to sync to a USB flash drive), check to confirm that you have access to the synchronization location before attempting **Begin Shift**. If the PAGIS Software has been set up to sync over a wireless network, it will do so automatically when the application starts and when you press **Begin Shif**t.

At the start of a new shift, after you have logged on and the Live View screen appears, press **Begin Shift** twice, which synchronizes PAGIS with BOSS downloading any new or updated database information including users and dispositions. After you press **Begin Shift**, the status of any updates will be displayed.

Depending on the synchronize configuration in BOSS, whenever synchronization occurs, BOSS can transfer only the changes made to a database rather than transferring the entire database. This is particularly important when working with very large database files because it will reduce the amount of data transferred over the network. *See the PIPS Back Office System Software User’s Manual for more information.*

2.6 End Shift

At the end of a shift, saved data should be exported either wirelessly or via the USB flash drive, to the central databases in the Back Office System Software. No data is lost if the PAGIS Software is closed without synchronizing or using the **End Shift** command.

To export the current data and end the shift, press **End Shift** twice. If using a USB flash drive to store the data, remove it from the MDC or from the mobile processor and follow the procedures in the Back Office System Software User’s Manual to download it to BOSS.

End Shift purges previous reads from the local database as well as the Manual Reports database. Pressing **End Shift**, even in a wireless setup, syncs any data not yet synced to the Back Office System Software and then removes it.
If the PAGIS Software is set to Disk Sync, check to confirm that you have access to the synchronization location before attempting an **End Shift**.

2.7 Cam Mode

Clicking the **Cam Mode** button allows you to cycle through the Camera configurations that have been added to the system. In those configurations the cameras being displayed on the Live View screen can be changed.

By default, there are two configurations created, **Parking** and **Traffic**, which can be set up so that the cameras associated with those modes are displayed on the Live View screen. For example, when the system is being used to capture reads in a parking lot, the Cam Mode can be set to **Parking**. In the Parking configuration, the images could be coming from the cameras positioned in the middle or back of the car will be displayed on the Live View screen. The front cameras can be selected as the hidden cameras. Reads from the front view cameras will be captured in the database but will not be displayed on the Live View screen. The camera’s current mode displays on the Cam Mode button.

2.8 Admin Main Menu

Pressing **Admin** on the Live View screen takes you to the Admin Main Menu, a central location for accessing the PAGIS Software's functions, including all those that require administrative privileges. The Admin Main Menu also displays the cameras configured in the system, the GPS location, and if a camera is active or not. The camera status windows only displays active cameras that have recently captured a plates.



The Device Status table provides a status of the devices connected to the Mobile Processor. The information displayed includes:

Device – a device that is connected to the Mobile Processor. It is named in the Admin\Camera configuration screen.
Active – The recent status of the device, includes the time and date of last confirmed connection between the Mobile Processor and the attached camera.
GPS – The GPS coordinates captured at the time of the last confirmed connection.
The screens available from Admin Main Menu are described in the sections that follow. Note that the Review, Live View, and Database screens have already been described in Sections 4.2 (Live View), 4.4 (Review), and 4.4.5 (Database). The **Logout** button logs the current user out of the system.

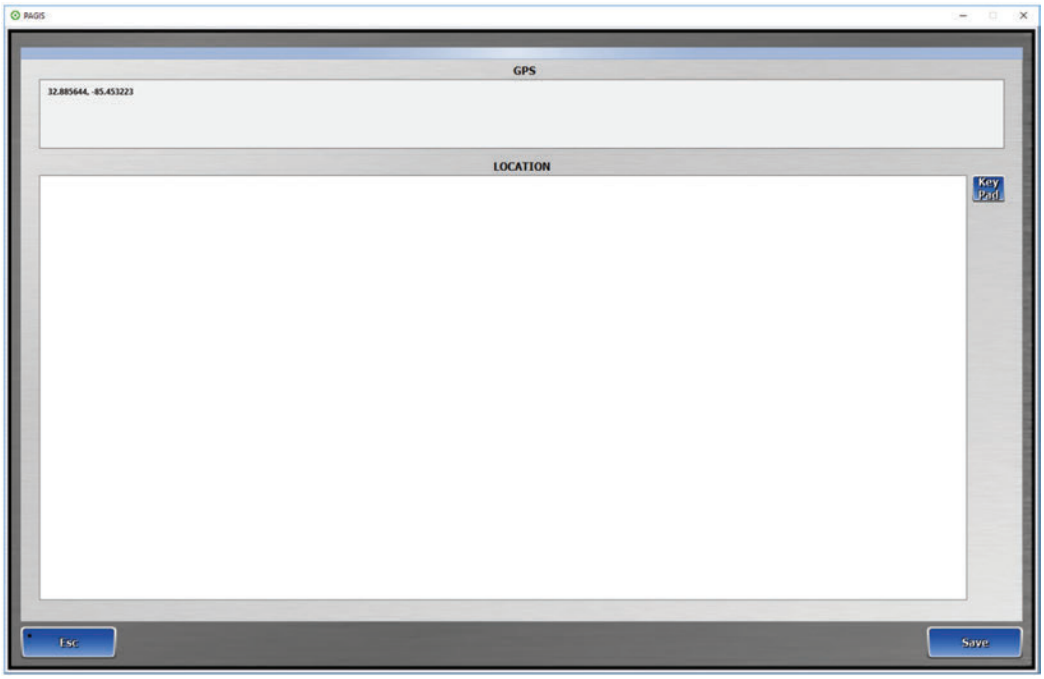
2.8.1 Review

Opens the Review screen to display all data collected during the current shift or before the user activated the **End Shift** button. *For a description of the functions available on the Review screen, go to Section 4.4.*

2.8.2 Location

The Location screen provides an additional area where the user is able to associate the current GPS coordinates with a location. This feature is not currently used and will be redesigned in a future version.

GPS Text Box – When an attached GPS device resolves the current coordinates, they will be displayed here when the screen is opened.
Location Text Box – This is a free-text entry box. The user can enter a location description that is associated with the GPS coordinates listed in the GPS text box.
Save – Press the Save button to save the information.
Esc – Return to the Admin Menu screen.



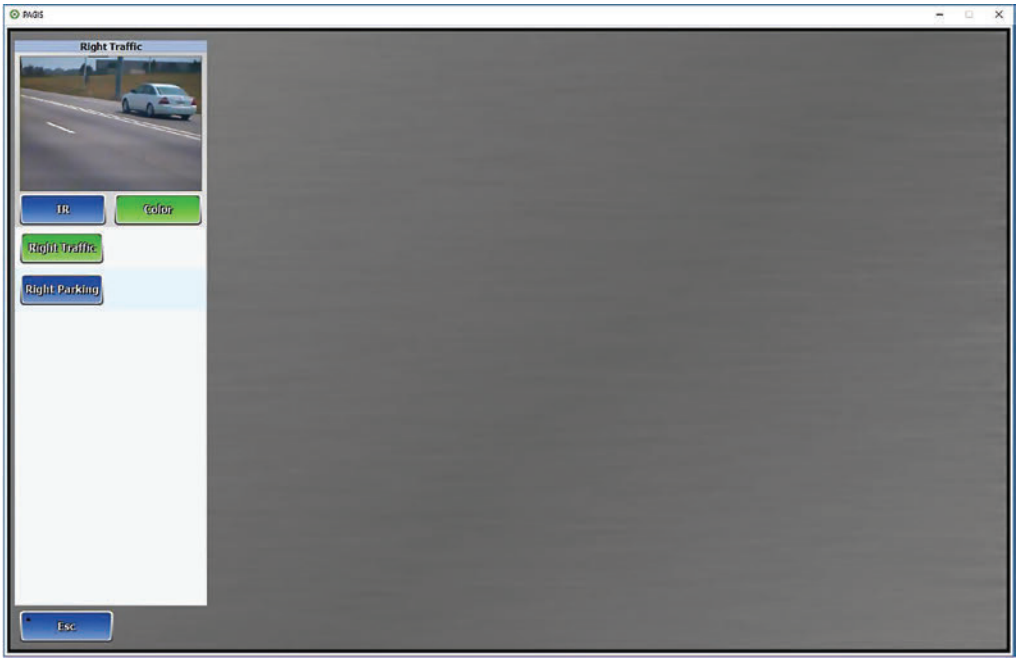
2.8.3 Cam Setup

The Cam Setup screen lets you preview camera or lane images. The buttons allow the user to select each of the configured cameras. Administrators can also preview the camera output after adding or editing and configuring cameras *(as described in Sections 4.8.6.11 – 4.8.6.13)*. The exact preview buttons displayed on the screen will depend on the number of cameras installed and how they are configured.

IR – Displays the infrared images from the selected camera.
Color – Displays the color input from the selected camera.
Camera Name (also called Lane Name) – During camera configuration, the Administrator assigns a name to each camera. The camera name will display above the image, and a button will show for each named camera.
Esc – Return to the previously viewed screen.

To verify the camera output and proper alignment of each configured camera:

1. Click Cam Setup to display the **Cam Setup** screen shown below. The same task of aligning the cameras can also be done in the Main live view screen by clicking the “COL” and “IR” live feed buttons.
2. On this screen, click a camera button to view a specific camera output.

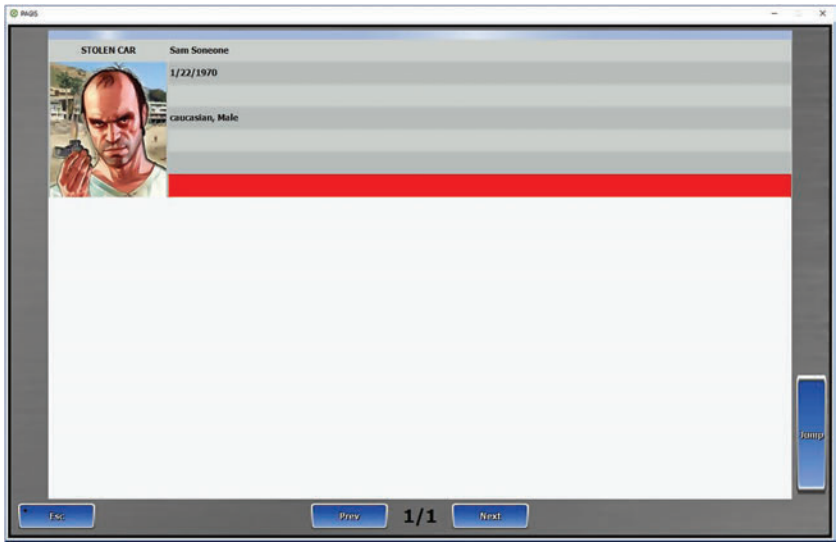


2.8.4 Database

The Database screen displays active databases (BOSS hotlists) and allows you to turn lists on or off, search through the lists, and delete currently active lists. *The functions of the Database screen are described in Section 4.4.5.*

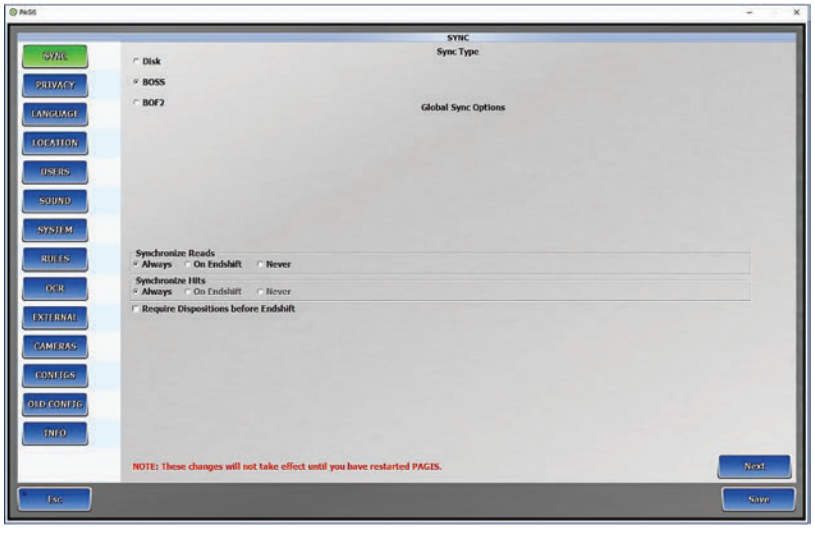
2.8.5 Targets

The Targets screen displays information about suspects matched with license plates. Targets are downloaded into the PAGIS Software's Targets list from the Back Office System Software.



Prev – Displays the previous entry.
Next – Displays the next entry.
Esc – Returns to the previously viewed screen.
Jump – Allows you to move to a specified record using the keypad.

2.8.5 Targets



The second Admin screen controls the PAGIS Software options set by the Administrator, such as language, sounds, users and user privileges, GPS unit, cameras, sync folder, access to external databases and devices, configurations, and system settings. These options are explained in the following sections.
The buttons to access these functions are listed on the left side of the Admin screen. Navigational and other functional buttons on this Admin screen are:

Page Up – Displays the previous set of options.

Page Down – Displays the next set of options.

Esc – Returns to the Admin Main Menu screen.

Save – Preserves any changes made.

2.8.6.1 Sync

The PAGIS Software stores information in local databases, which can be synchronized with other databases. If the PAGIS Software is configured to communicate wirelessly to BOSS, the user can manually start a sync by pressing the **Begin Shift**, the **End Shift**, or the Sync button. Synchronization is also done automatically. If the software is configured to transfer information via disk sync, the files that need to be synced are stored in a synchronization folder. There are two synchronization folders: Begin Shift and End Shift. The Begin Shift folder contains data to be imported into the PAGIS Software; the End Shift folder holds data exported at the end of a shift.

On the Sync screen Administrators can set or change the synchronization method and specify the location of the sync folder used by the PAGIS Software to import and export data at the beginning and end of a shift. By default, the sync folder is set to the local disk. However, you can establish synchronization folders with any path name. Both synchronization to disk and wireless synchronization to the PIPS Back Office System Software are available on the Sync screen. A third sync option, BOF2, or Instation, is mostly used in Europe and is described in Appendix 6.5.

Note: The changes made in the Sync screens will not take effect until the PAGIS Software has been restarted.

2.8.6.1.1 Synchronization to a Local Disk or Flash Drive

If you choose Disk, with the sync folders residing on a USB flash drive, make sure the flash drive assigned to the user has adequate space to accommodate the file size of all the databases that will be imported and exported. Folder sizes vary depending upon the number of entries and the number of databases.

1. At the top of the Sync screen, select **Disk** for a local disk (on the MDC or the mobile processor) or USB flash drive.
2. On Global Sync Options follow the steps in Section 4.8.6.1.3.
3. Then press **Next**.
4. In the text box that displays, use either the keypad or the keyboard to enter the folder's location. By default, Drive C is selected.

Note: Since most customers who use the Disk mode store and transfer files on a USB flash drive, the path name would be that for the flash drive.

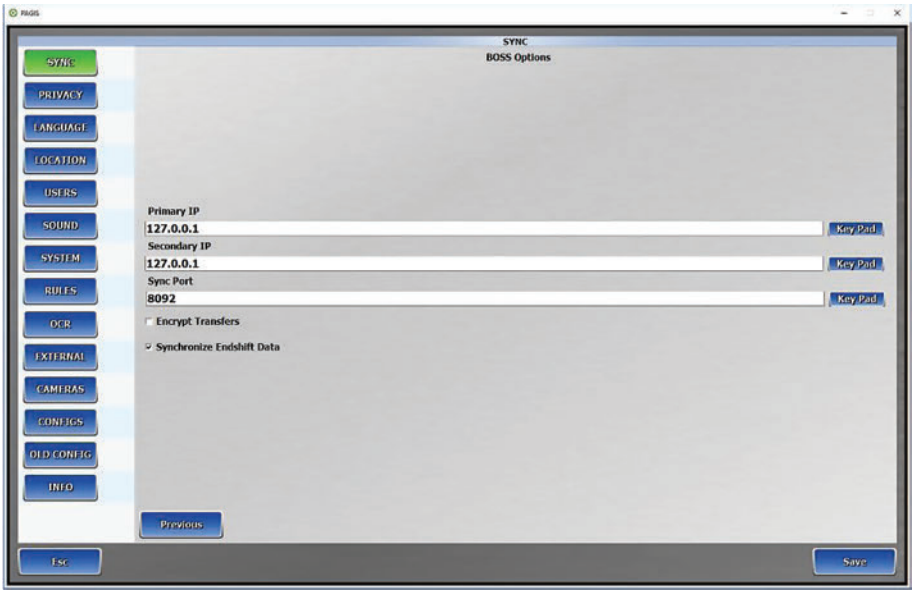
5. Under Disk Options, make a choice whether to:
   a. Delete Begin Shift data on sync: If this option is selected, the sync folder will be deleted once all of the data has been imported into the PAGIS Software. This option is "on" by default.
   b. Encrypt End Shift data: If this option is selected, the end shift files created by the PAGIS Software will be encrypted. This option is "off" by default.
   c. Copy End Shift data on sync: If this option is selected, the End Shift folder will be created and the End Shift files will be stored there. This option is "on" by default.

Note: If this option is "off," the End Shift files will not be created. The shift data will be cleared, but no reads will be sent to BOSS.

   d. Keep only updated databases. If this option is selected, any databases that were not updated during Begin Shift will be considered outdated and removed. This option is "off" by default.
6. Press Save to save these settings.
7. Press Esc to return to the Admin screen, or press Prev to return to the previous Sync screen.

2.8.6.1.2 Wireless Synchronization with BOSS

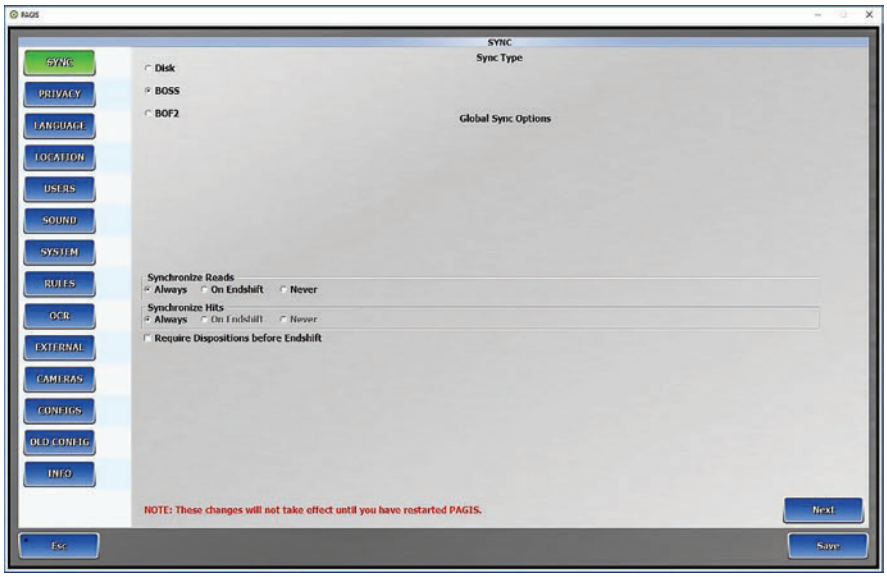
If you choose to establish **BOSS** as the synchronization method, the user MUST have wireless access to the network to successfully sync at the beginning and end of a shift. You must also have an IP address of the BOSS server that is reachable via port 8092. After syncing with the Back Office System Software, data is flagged in the database to prevent duplicate syncing.



1. At the top of the Sync screen, select **BOSS** to sync by wireless access to the PIPS Back Office System Software.
2. On Global Sync Options, follow the steps in Section 2.8.6.1.3.
3. Then press **Next**.
4. In the text boxes that display under BOSS Options, use either the keypad or the keyboard to enter the primary and secondary IP addresses and the sync port of the Back Office System Software server. The default is port 8092.
5. Also under BOSS Options, decide whether to:
   a. Enable data encryption by checking “Encrypt Transfers,” and
   b. To send data to BOSS when a shift ends by checking “Synchronize End Shift Data.” This option is on by default.
6. Press **Save** to save the changes.
7. Press **Esc** to return to the Admin screen, or press **Prev** to return to the previous Sync screen.

2.8.6.1.3 Global Sync Options

The PAGIS Software can also provide usage information to the Back Office System Software system so statistical reports can be generated, while allowing privacy rules to be adhered to. Because organizations differ in their privacy rules and in the types of information they want to capture, Global Sync Options on the Sync screen help meet those varying needs.



Under Global Sync Options there are two settings: **Reads** and **Hits**. Each of these has three options: **Always**, **On Endshift**, and **Never**. The option selected for Reads controls which options are available for Hits:

- Selecting **Always** means that reads and hits are always going to be synced to the Back Office System Software.
- Selecting **On Endshift** means that syncing will only occur upon End Shift or Sync.
- Selecting **Never** means that information gathered in the PAGIS Software will be "sanitized" as it is being sent to the Back Office System Software.

Note: If the PAGIS Software system is configured for the disk sync type, then the Always and On Endshift functions are the same.

The Reads selection will determine the options available for hits:

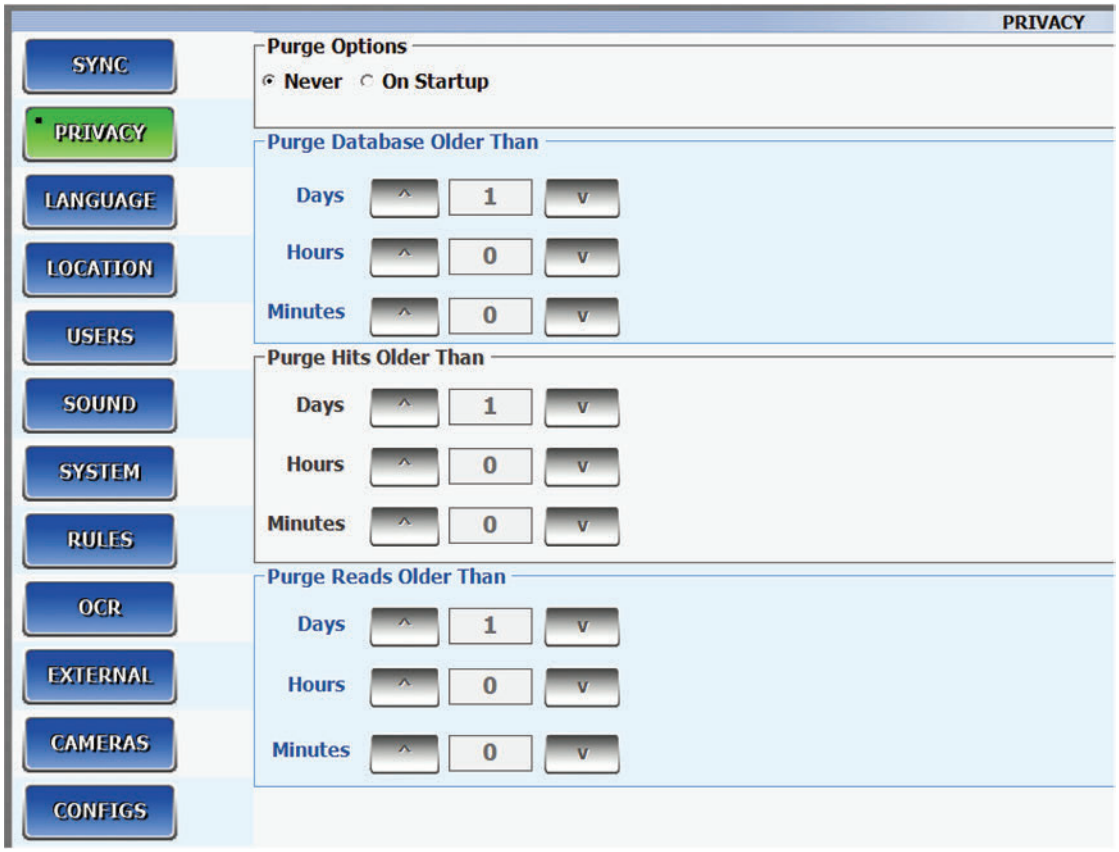
For the Reads Option Selected:	**Always**	**On Endshift**	**Never**
The Available Hits Options Are:	Always	Always	Always
		On Endshift	On Endshift
			Never

Checking the "Require Dispositions before Endshift" box will require the user to enter a disposition (result or action taken) for each of the hits that occurred since the last sync.

2.8.6.2 Privacy Settings

PAGIS Software offers privacy settings, a new feature that allows the Administrator to ensure the validity and confidentiality of the information obtained by the ALPR system. This feature is completely configurable, providing an operationally effective means of ensuring that regulatory or procedural requirements are adhered to.

Using the settings on the Privacy screen ensures that information captured by and stored in the system can be removed or obscured ("sanitized") by the Administrator in a controlled manner. These configurable settings control the length of time, in days, hours, and minutes, that read or hit information can be maintained. Therefore, an individual's personal and identifiable information, namely their license plate image and deciphered license plate number, is removed from a saved record. These settings also permit the Administrator to control the currency and validity of the databases being used by the system.



2.8.6.2.1 Never Option

The Never option allows a PAGIS Software system to continue without the influence of Privacy settings. If this option is selected, the users of the PAGIS Software system will continue to be responsible for any actions required to protect the stored information and to ensure the validity of the databases being used.

Note: If the configurable time settings are set to 0, as they are by default, the system responds as if the Never option has been chosen.

If the **Never** option is selected, the time settings will be disabled. In the event that the Privacy settings had been previously enabled and time information had been configured, those settings will be retained even if the system is later reset to **Never**.

2.8.6.2.2 On Startup Option

Selecting **On Startup** allows the System Administrator to configure how the system manages databases, hits, and reads; these settings are described below. With **On Startup** selected, each time the PAGIS Software application is restarted, it checks these settings and evaluates whether existing information has exceeded the allowable age.

2.8.6.2.3 Purge Database Older Than Setting

This setting allows the Administrator to control how frequently the databases stored on the system are removed. For example, if a database, "Expired Plates Hotlist," was added to the PAGIS Software 3 days ago and the **Purge Database Older Than** settings are set to 2 days, then the next time the PAGIS Software is restarted, "Expired Plates Hotlist" will be removed.

2.8.6.2.4 Purge Hits Older Than Setting

This setting allows the Administrator to control how frequently the hits stored in the PAGIS Software are sanitized. For example, if any hits in the PAGIS Software were captured during a shift a week earlier (7 days ago) and **Purge Hits Older Than** is set to 4 days and 5 hours, then the next time the PAGIS Software is restarted, those hits will be sanitized.

2.8.6.2.5 Purge Reads Older Than Setting

This setting allows the Administrator to control how frequently the reads stored in the PAGIS Software are sanitized. For example, if reads were captured during a shift a month earlier (30 days ago) and the **Purge Reads Older Than** settings are set to 25 days, the next time the PAGIS Software is restarted, reads more than 25 days old will be sanitized.

Note: Once reads and hits have been sanitized, they can no longer be viewed in the PAGIS Software. However, they are retained in the system until an **End Shift** or **Sync** is performed.

2.8.6.3 Language

The Language screen lets you change the language assignment used in the PAGIS Software. Available languages are listed in the drop-down box and are added during the installation process.

2.8.6.4 Location

Any name entered in the location field is listed as the default system location. The information is not tied to the GPS location.

2.8.6.5 Users

The Users screen lets you add users, set their privileges, and delete users from the PAGIS Software.

Note: Adding new users through the PAGIS Software should be limited to those customers who are not syncing to the PIPS Back Office System Software.
For customers deploying both the PAGIS Software and BOSS, user accounts created in the PAGIS Software will be overwritten by the users defined in the Back Office System Software during the next sync.

You can scroll through the user list by pressing **Page Up** and **Page Down**.
Account information for each user is listed in unlabeled rows with the following fields:
Badge No. (Username) – Add a new username or badge number for an existing user. The username field will accept up to 15 alphanumeric characters.
Password – Enter a password to associate with the username. The password field will accept up to 15 alphanumeric characters.
Key Pad – Displays an on-screen keypad.
Privileges – Select the privileges associated with the entered username by clicking on the buttons defined below. After a privilege is activated, the button changes to green.

2.8.6.5.4 **Sync** – Allows the user to synchronize files.

2.8.6.5.5 **Ext** – Allows the user to access external databases.

2.8.6.5.6 **Adm** – Allows the user to configure the PAGIS Software, add and remove users, and change the options.

DO NOT choose the Adm button unless the user is being granted administrative rights.
Del – Remove a user from the list. The user is deleted the second time the Del button is pressed.
Add – Add a new user with the options selected.
Save – Add the new user to the database.
Esc – Return to the previous screen without saving changes.

The available combinations of privilege options are shown in the table (next page) according to the area of function to which the privilege applies.

	Sync Only	Ext Only	Adm Only	Ext + Adm	Sync + Ext	Sync + Adm	Sync + Ext + Adm*
Begin Shift	•	X	X	X	•	•	•
End Shift	•	X	X	X	•	•	•
Admin	X	X	•	•	X	•	•
Sync	•	X	X	X	•	•	•

• = The user has privilege X = The user doesn't have the privilege
**Sync + Ext + Adm are the privileges pre-set for the default logon setting (username = admin; password blank).*

Note: Creating a new user in the PAGIS Software deactivates the default user account. (See Section 4.1.1.)

2.8.6.6 Sound

The Sound screen associates available sound files with specific alerts and actions. You can also toggle sounds off and on by pressing **On** or **Off**. Sounds are active when the button is **On** (green) and deactivated when the button is **Off** (red).

Choosing sounds is an optional feature. Sounds are preset in the PAGIS Software and may be modified by an Administrator. By default, the PAGIS Software will play a sound to notify the user when an event or "hit" is triggered. Sound files (.wav file format) are stored in the Sounds folder in the PAGIS Software directory.

Tip: Custom sound files (.wav file format) may be uploaded into the Sounds folder of the PAGIS Software directory by the Administrator. The user may identify the nature of the hit more easily if distinctive sounds are associated with different types of hits or events.

To disable or enable sounds:

1. Press **Sound** to open the Sound screen.
2. To toggle a sound to **On**, press the button showing **Off**. The button will changed from red to green, and the sound will be on.
3. To test the sound, press **Play**.
4. To toggle a sound to **Off**, press the button showing **On**. The button will change from green and red and the sound will be off.

To change a sound associated with a specific predefined event:

1. Choose an event by scrolling through the list using **Page Up** or **Page Down** on the right side of the screen.
2. Select a new sound by pressing the ellipses (...) button to browse to and select a new sound file from the sound folder in the PAGIS Software directory.
3. You can preview the sound by pressing the **Play** button.
4. Press **Save** to apply the changes.

2.8.6.7 System

The System screen determines external system connections and assigns connection string ports to cameras and to the external GPS unit. The GPS connection string refers most commonly to the COM port, although it may also refer to the IP address or serial port IP_Address:TCP_Port.

You can change the computer, ports, and GPS connection strings by clicking in the text box and entering the text using the keyboard or the keypad. Press the **Save** button to save changes. You must exit and restart the PAGIS Software for any changes to take effect.

2.8.6.7.1 Configuring System Connection Strings

To set the COM ports:

1. From the System screen, verify that the appropriate system type is chosen. If necessary, choose the system type by clicking the button next to the desired type. When using the PIPS Mobile ANPR/ALPR Processor, the default setting is “Default.”
2. Verify that the GPS Connection String is correct (see next section). The default setting is “5.”
3. Press **Save** to save the changes or **Esc** to return to the previous screen and cancel any modifications.
4. Restart the PAGIS Software to activate any changes.

2.8.6.7.2 GPS Connection String

The GPS Connection String field is available when the Default, Microbus MPC2, or Motorola MW-810 system is selected. The GPS Module is a standard feature in the PAGIS Software. The PAGIS Software should be configured to work with the system-supplied GPS Module.

The GPS Connection String is blank when you are running client/server installation. The GPS Connection String is set to “5” when the PAGIS Software is running on a mobile data computer, such as a laptop, or “6” when it is running on the PIPS Mobile ANPR/ALPR Processor.

2.8.6.8 Rules

Rules provide a way to check for a commonly misread character and the read character as both options for a database match. For instance, “8” and “B” are sometimes mistaken. If the OCR engine reports a plate as ABC123, you might check both ABC123 and A8C123 against all databases to find a match. While you are less likely to miss a hit, the process can also produce more false hits. Verify that the plate read and the database match is the same.

To add a new rule on the Rules screen:

1. Click **Add** and enter a single character instance (the letter “O,” for example), and enter a list of similar characters (letter “O”, number “0”, and letter “Q” in this example).
2. With this rule defined, anytime the system reads an “O”, it will run the query for matching purposes as “O,” “0,” and “Q.” The system will not do the same when it reads a “Q.” Another rule would have to be entered to accomplish that.
3. The rule will be saved by clicking **Save**.

2.8.6.9 OCR

The OCR screen is used to enable inverse and square plate reads, to disable duplicate plate reads (if multiple cameras pick up the same plate), to show diagnostics, and to disable read correction. Each check box toggles the options: if a check mark appears, the option is active. If the box is empty, the option is disabled.

These options are explained in the table below.

Option	Action
JPEG Images	Use compressed .jpg images instead of full-resolution bitmaps. **On** by default. When this feature is activated, it minimizes storage requirements for collected data.
Inverse Plates	This feature can be useful for plates with a dark background and light lettering. **Off** by default. This option increases the processing load and therefore should remain disabled until it is needed due to the region.
Square Plates	Adjusts the read area for plates that are square instead of rectangular. **Off** by default.
Show Diagnostics	Shows a diagnostic screen if an error occurs. **Off** by default.
Disable Duplicate Read	Turns off duplicate reads. If the same plate is read by more than one camera within a short time frame, the duplicate is ignored. This minimizes storage requirements for the collected data and improves system metrics related to the number of reads. **On** by default.

2.8.6.10 External

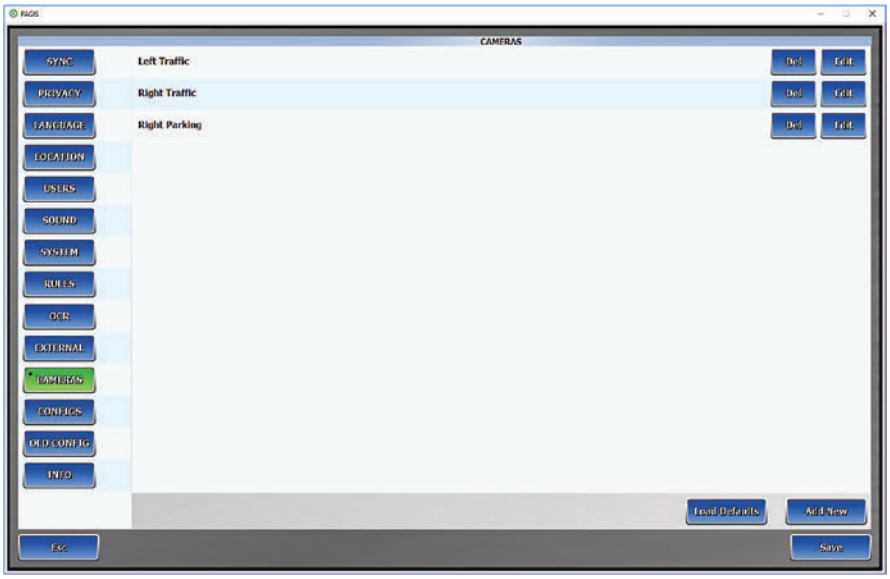
The External screen lets you connect the PAGIS Software to an external database or device. To make this connection, click the red **Off** button to change it to a green **On** button and then press **Save**. Any changes made on this screen will take place after the PAGIS Software is restarted.

Use the **Page Up** and **Page Down** buttons to scroll through the list of available databases and devices.

2.8.6.11 Cameras

The Cameras screen lets you add and identify specific cameras for use with the PAGIS Software. Because the camera configurations setup using the Configs screen are associated with Camera or Lane Names, cameras must be identified or named. Otherwise, no options will be available in the drop-down boxes for Display and Hidden cameras on the Configs screen.

On the PAGIS Software setup, the Cameras screen displays the default Camera Names. From this screen you can delete cameras, edit the Camera names, and add new cameras. Pressing **Load Defaults** on the Cameras screen will add sample cameras to the Cameras screen and sample configurations to the Configurations screen.



Adding cameras involves identifying or naming the cameras and configuring them. The following steps describe how to add a new camera from the Cameras screen. The steps must be repeated for each camera you add:

1. Press **Load Defaults**. Loading a default setting provides a base configuration to modify and is based upon a standard four- camera system. The defaults can also be used for testing purposes. Choosing a default also loads associated configuration files, which appear in the Configs screen. Select an **Edit** button to configure a camera.

Whether you are adding a new camera, or editing an active one, go through Steps 2 – 15 below to complete the setup.

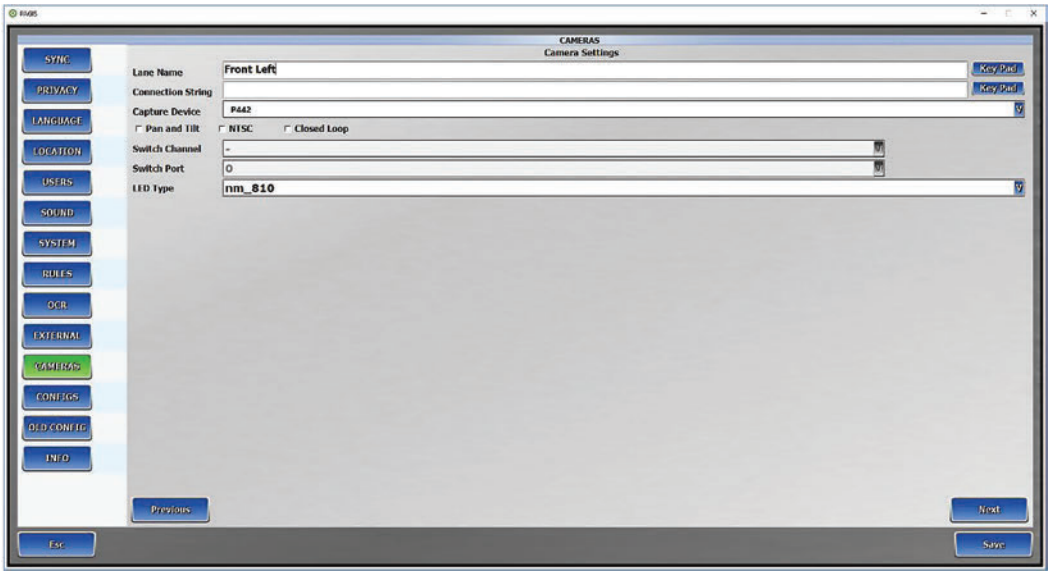
2. Either click the **Edit** button on a default camera, or click **Add New** to open the Camera Type screen, which will display the list of cameras supported by the PAGIS Software: P362, Sony, Digital Eye Witness, CCTV, IR, TSS, and P632 Slate cameras.
3. Select the button for the type of camera to be used and then press **Next** to open the Camera Settings screen (shown on page 42).
4. On the Camera Settings screen, enter a Camera (or Lane) Name. You can use the default names (Right Traffic, Left Parking, etc.) or use the keypad to type in a new one.

Note: The Camera Name must be 11 characters or less in length. Otherwise, the positional indicators and the device status information will be incomplete.

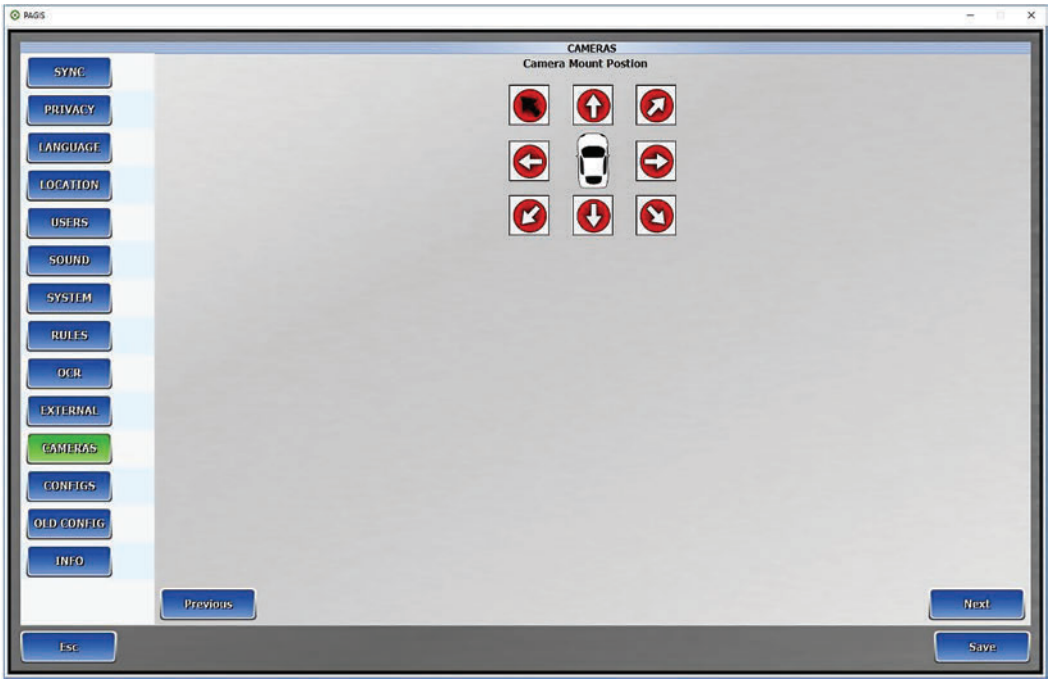
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5. Enter the device Connection String, if necessary, default setups with SX units do not require this setting.

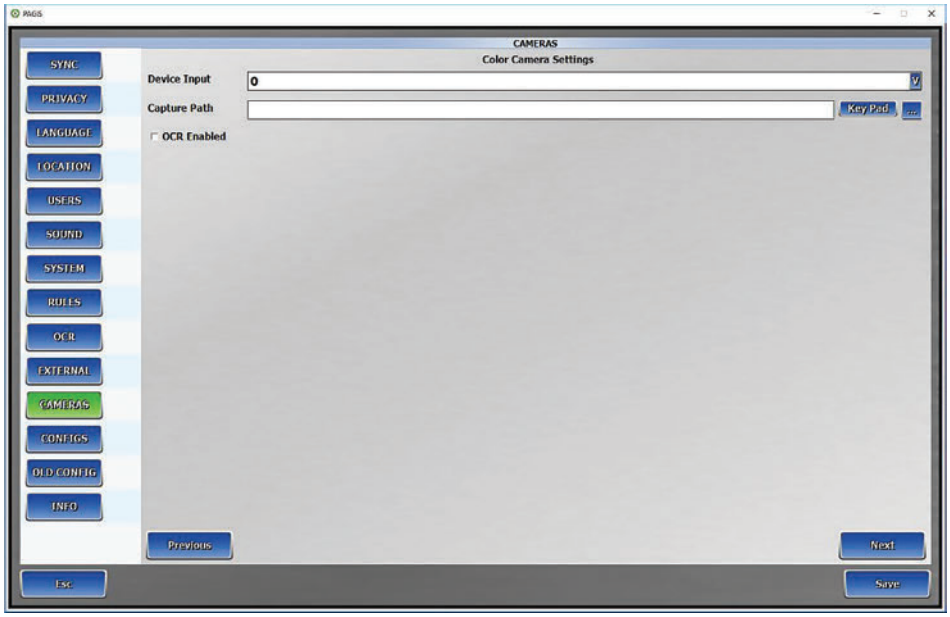
6. Enter the Capture Device, using the options available in the drop-down menu. P442 is the default for SX units.
7. The Switch Channel and Switch port are network options. The LED type is related to the camera. By default, these options are not available to change.
8. Press **Next** to open the Camera Mount Position screen.



9. On the Mount Position screen, these directional arrows represent the location of each Cameras and the direction they are pointing. Choose the desired option for the camera you are configuring by pressing one of the directional buttons. The arrow showing the chosen direction will appear in the display for that camera on the Live View screen when a hit has been detected.



10. Press **Next** to open the Color Camera Setting screen.



11. Select the device input option. For the first camera loaded select “0” for the Device Input value.
12. Using the keypad, enter a Capture Path for the camera, or press the ellipses (...) button to browse available paths. This is an optional step.
13. If the camera has a color lens only (and no IR lens), check “OCR enabled.” The likelihood of a Color Lens only is very rare but is still addressed.

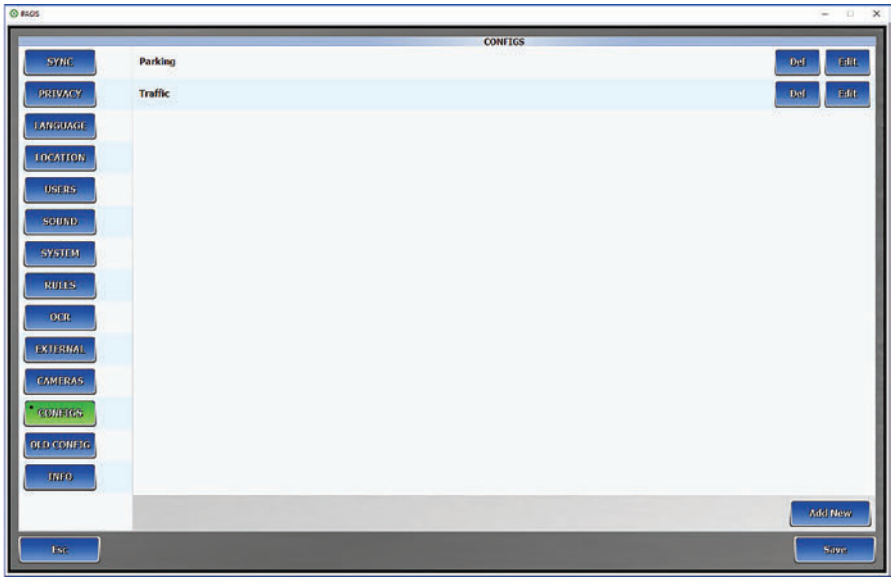
Note: Check the OCR Enabled box only for the IR lens of a PIPS mobile camera. For certain states that do not have retro-reflective plates, optical character recognition may be performed from the image captured by the color lens of the camera. When OCR is performed on a color image, the processing requirements increase and the accuracy will be somewhat diminished relative to OCR from the infrared image.

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14. Press **Next** to open the IR Camera Setting screen.
15. The IR Settings screen has the same options as the Color Setting screen. Repeat Steps 11-13. It is important to ensure that the “OCR Enabled” is checked for the IR camera.
16. Press **Save** to save the changes and return to the Cameras screen. Repeat these steps for each camera you are adding or editing.

2.8.6.12 Configs

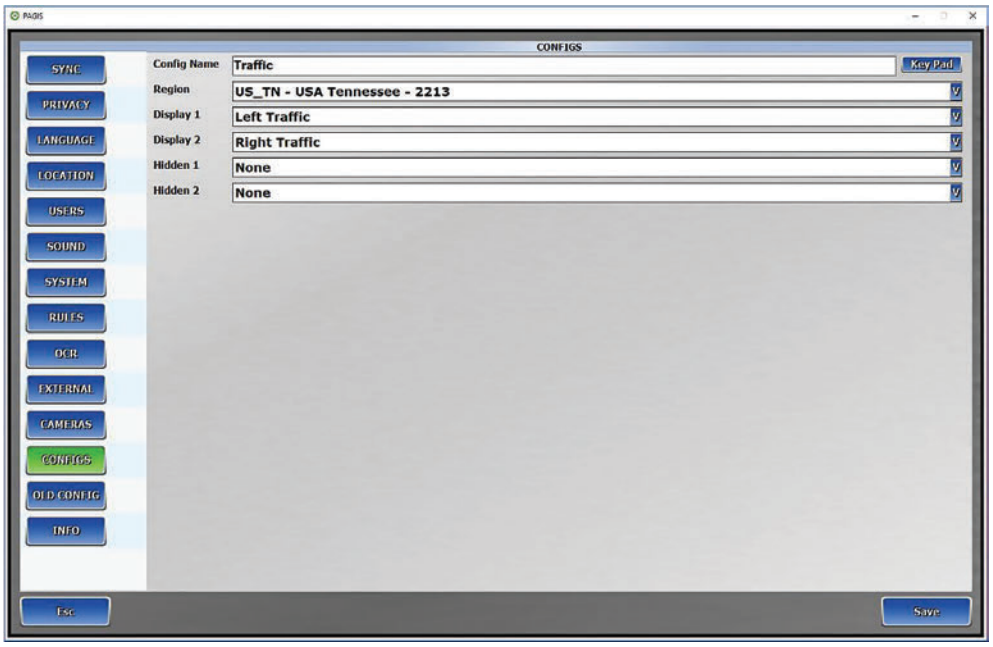
The Configs screen allows you to define how the configured cameras are displayed on the Live View screen and to set the region of the country where the Mobile System is deployed. You can also use the Configs screen to set up multiple camera configurations for parking or traffic monitoring to replicate a particular driving environment. Up to four ALPR cameras can be activated, each with color overview and infrared. Each configuration provides customized settings for cameras and lanes.



If you have loaded a default camera setup, the Configs screen will be populated with the two default configurations: Traffic and Parking. The buttons on the Configs screen are as follows:

Del – Removes the current configuration from the PAGIS Software.
Edit – Opens the Edit Configs screen where you can modify settings for the selected configuration, including selecting a region and selecting which cameras to display and to hide.
Add New – Adds a new configuration to the PAGIS Software and opens the Add Config screen.
Save – Preserves changes to the configurations.
Esc – Returns to the Main Menu.

When adding or editing a new configuration, you can assign each of the cameras you set up on the Cameras screen to Display 1, Display 2, Hidden 1, and Hidden 2, using drop-down boxes in each field on the second Configs screen (shown on page 45). While only two cameras may be displayed simultaneously on the MDC or monitor, all cameras can be processing and checking plates against the databases. When a defined “hidden” camera receives a database hit, an alert gives the user audible and visual confirmation of the hit, the Camera Name that captured the hit, and the positional arrow for that camera (if configured) as defined in Section 4.8.6.11 Step 9.



Config Name: The name of the configuration mode for the displayed and hidden cameras. When selected, this will be displayed on the Live screen's Cam Mode button. You can also define the region (e.g., entire US, a region, a given state), which will determine the options used by the OCR engine to interpret a captured license plate number.
Display 1: This camera is always displayed on the left-hand side of the Live View screen.
Display 2: This camera is always displayed on the right-hand side of the Live View screen.
Hidden 1 and 2: When populated, these cameras are functioning and performing OCR, but the images are not visible to the user. Hits and reads will still be generated by these cameras.

2.8.6.12.1 Adding a Camera Configuration

1. From the Configs screen press **Add New**.
2. Enter a Config Name in the text box: **Right Parking, Left Traffic, Parking, Traffic**, etc.
3. Choose the appropriate OCR Region from the drop-down box. The OCR engine for your region or state will already have been installed.
4. Choose options from the drop-down boxes for **Display 1, Display 2, Hidden 1**, and **Hidden 2**. The cameras configured/ listed on the Cameras screen are listed in the drop-down boxes. No matter how many ALPR cameras comprise your specific system, you have the option to have all of them processing data simultaneously if you list the cameras as "hidden."
5. Press **Save** to save the settings.
   Repeat Steps 1 through 5 for any additional configurations.
6. Press **Esc** to return to the previous screen.
   After the cameras have been configured, verify the camera input and proper alignment on the Cam Setup screen, as explained in Section 4.8.3. This screen provides a preview of camera output for each of the configured cameras.

2.8.6.13 Old Config

The Old Config screen provides all-in-one access to the camera and configuration settings for configurations imported from previous PAGIS Software installations. This screen is not meant for setting up new configurations. When the PAGIS Software is upgraded, the old configurations from the prior version appear in the Old Configs screen. These configurations can still be used. The Old Configs screen format is the same as prior versions with all information for a configuration available on one screen.

While these instructions will create a working configuration, the Configs screen is the recommended and simpler method. To use the Old Config screen:

1. Enter a name for the configuration.
2. Select the OCR Region.

Steps 3 through 13 should be repeated for each camera. For a traffic configuration, you will repeat the steps twice, once for the front left camera and again for the front right camera.

3. Select the Lane to configure from the Lane drop-down box.
    a. **Display 1** refers to the camera that will be displayed on the left-hand side of the Live View screen.
    b. **Display 2** refers to the camera that will be displayed on the right-hand side of the Live View screen.
    c. **Hidden 1** and **2** refer to cameras that perform OCR, but are not displayed on the Live View screen; hits and reads will still be generated by the hidden camera(s).
4. In the Lane Name text box, provide a name that will be displayed to the user when a hit occurs. In a traffic configuration mode, you might use “Left” or “Right” which refers to the traffic camera on the left (Driver’s side) and the traffic camera on the right (Passenger side).
5. Select the camera type to be associated with the lane.
6. In the Connection String box, enter a COM port to serially control the camera or the IP:Port to control the camera over TCP/IP.

    Steps 7 through 14 should be repeated for each lens (infrared and color) that will be a part of the lane. If you are using a PIPS mobile camera, there are two lenses. If you are using a Sony or DEW camera, there is only an overview lens.

7. In the Camera drop-down box select the lens type you wish to configure. Choose OV for the color overview lens, and IR for the infrared lens.
8. Select the capture device in the Device drop-down.
9. In the drop-down box, select the appropriate input number for the device you are using. The appropriate input number varies with the type of capture device.
10. If Client or AVI Files are chosen for the device type, enter a path.
11. Check the Enabled box to activate the camera.
12. Check the OCR box if optical character recognition will be performed with this camera.

Tip: Check the OCR Enabled box only for the IR lens of a PIPS mobile camera. For certain states that do not have retro-reflective plates, optical character recognition may be performed from the image captured by the color lens of the camera. When OCR is performed on a color image, the processing requirements increase and the accuracy will be somewhat diminished relative to OCR from the infrared image.

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13. If the camera supplies video in the NTSC signal format, check the NTSC box.
14. After the cameras have been configured, verify the camera input and proper alignment on the Cam Setup screen, as explained in Section 4.8.3.

2.8.6.14 Info

The Info screen displays additional information including the version number of the current installation. This information may be helpful when calling Technical Support.

3 PAGIS INSTALLATION GUIDE

3.1 Minimum System Requirements

The PAGIS Software requires the following minimum system requirements for the mobile data computer:

- Pentium-compatible PC at 1.0 GHz
- Windows XP-10
- Microsoft .NET Framework 3.5
- 8 GB of RAM
- At least 1 GB of hard drive space
- SVGA display with a minimum resolution of 800 x 600 pixels
- Available Ethernet port
- Keyboard and mouse, or a touch screen monitor.

3.2 Installing PAGIS

Installing the PAGIS Software on Laptop.

On your laptop, find and identify the network adapter that is connected to the mobile processor and change the default DHCP IP setting to manual and use the following IP.

- Mobile processors older than May 2015 use IP: 192.200.200.200, Subnet: 255.255.255.0.
- Mobile processors May 2015 and newer use IP: 192.168.200.200, Subnet: 255.255.255.0.
- No Gateway required, should be left blank.
- Default IP of mobile processor is 192.200.200.201 or 192.168.200.201 depending on manufacture date.
- The Mobile processor is pre-configured to relay its camera data connection to the .200 IP address, using alternative IP's on Laptops will cause a failure to communicate when configuring the cameras under the default configurations.

(Only applies to PAGIS versions 2.7.6.x.xx and older)

Transfer the installation file, PAGIS_Setup_x.x.x.exe, to the laptop.

1. Run the file as an Administrator.
2. When the Licensing Agreement is displayed, click on the check box indicating acceptance of the terms. Click Next to continue.
3. Select **(MDC PAGIS)** and the desired shortcut options, click **Next** to continue.
4. Confirm the installation location, selecting Browse if necessary, click **Install** to continue.
5. When the "Installation Complete" message is displayed, click **Next** to continue. When the "Completing the PAGIS Setup Wizard" message is displayed, click **Finish**.
6. Click **No** when the reboot message is displayed, rebooting is only required for installations on mobile processor. If installing on mobile processor please refer to SX3 or SX4 Tools and Settings Guide.

(PAGIS version 2.9.6.x.xx Only)

PAGIS 2.9.6.x.x is a reimaged PIPS version of PAGIS designed to work in conjunction with the SX4 mobile processors, all version of PAGIS are backwards and forwards compatible with SX3 & SX4 generations of mobile systems but the 2.9 version installs slightly different.

1. PAGIS 2.9 does not have an installer, its comes in the form of a "Flat file" designed to be copied into place.
2. Typically, in the form of a .zip file "MDC_Cleint2.9.x.x.x.zip". Create a folder locally and unzip the contacts of the archive file into the new folder.
3. Alternatively, a "MDC Client" version is also available directly on the SX4 itself. Located under the C:\PIPSTechnology folder, see SX4 Tools and Setting Guide.
4. Make sure user accounts in Windows have full read and write access to this folder, epically if the folder exist in any location Windows considers protected, like "D:\Program Files (x86)".
5. Create a shortcut for the PAGIS.exe on to your desktop then proceed to PAGIS setup.

3.3 Upgrading PAGIS

When upgrading existing PAGIS software with newer versions and you want to keep your existing camera and synchronization settings do the following.

1. Rename the PAGIS2 folder to PAGIS2_old, typically located in (C:\Program Files (x86)\PIPS Technology, Inc).
2. Install PAGIS per the instructions in section 1.
3. Copy the following files from the PAGIS2_old to the new PAGIS2 folder.
   - Synchronizer.ini
   - FuzzyLogic.ini
   - Attributes.db
   - ANPR (Copy the entire ANPR folder).
4. Start PAGIS, wait 30 second to PAGIS to re-sync login account then try logging in. If log in fails just click the login button without any credentials the try doing Begin Shift.

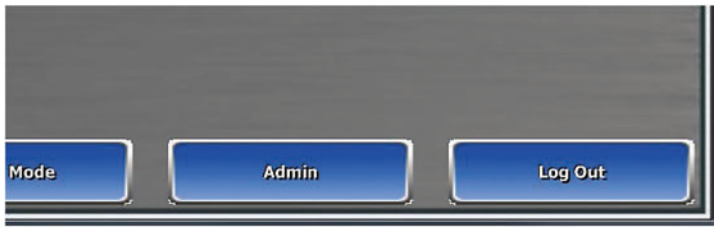
3.3.1 Upgrading PAGIS Software Mobile processor:

Refer to PIPS Mobile Processor guide for SX3 or SX4 versions.

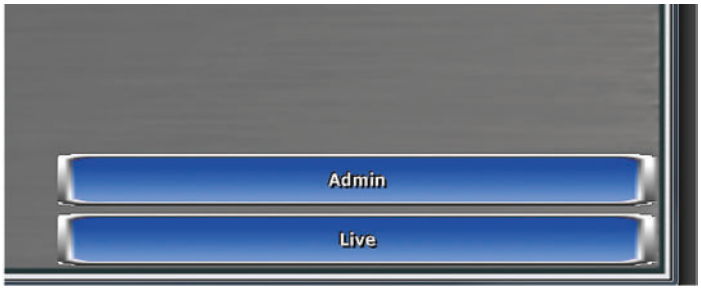
3.4 PAGIS Camera Setup

Note: At this point the laptop must be in the ALPR vehicle with the ALPR equipment turned on.

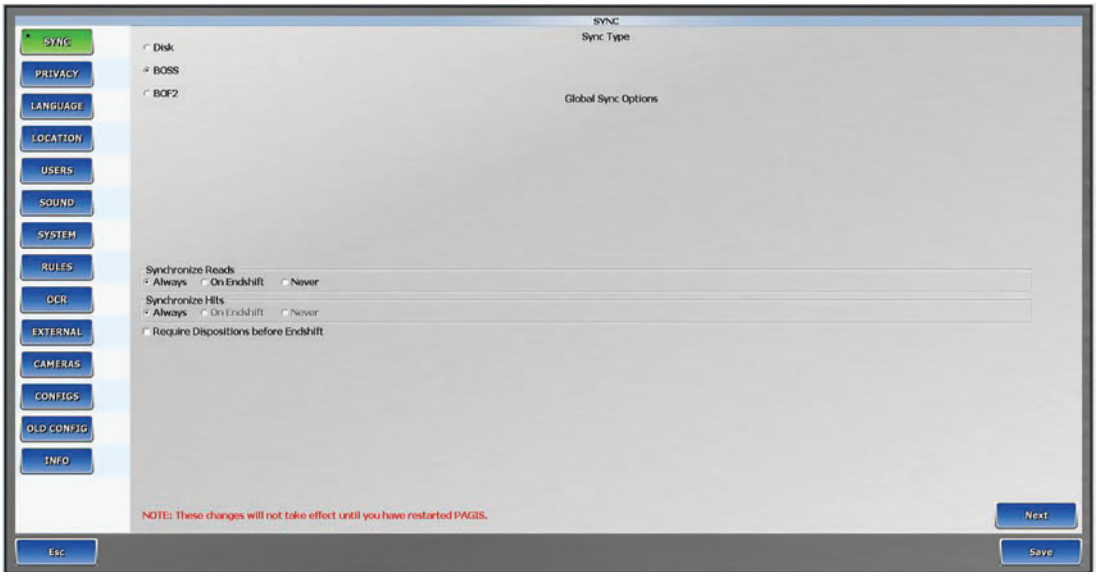
1. Start PAGIS, login. If log in fails just click the login button without any credentials the try doing Begin Shift.
2. From the default live screen on PAGIS, click the Admin button.



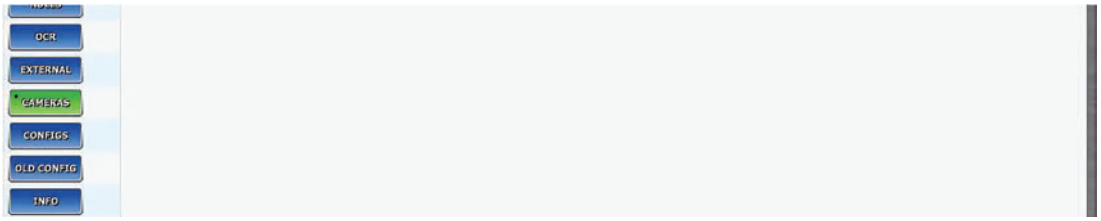
3. From the second setup screen click the Admin button.



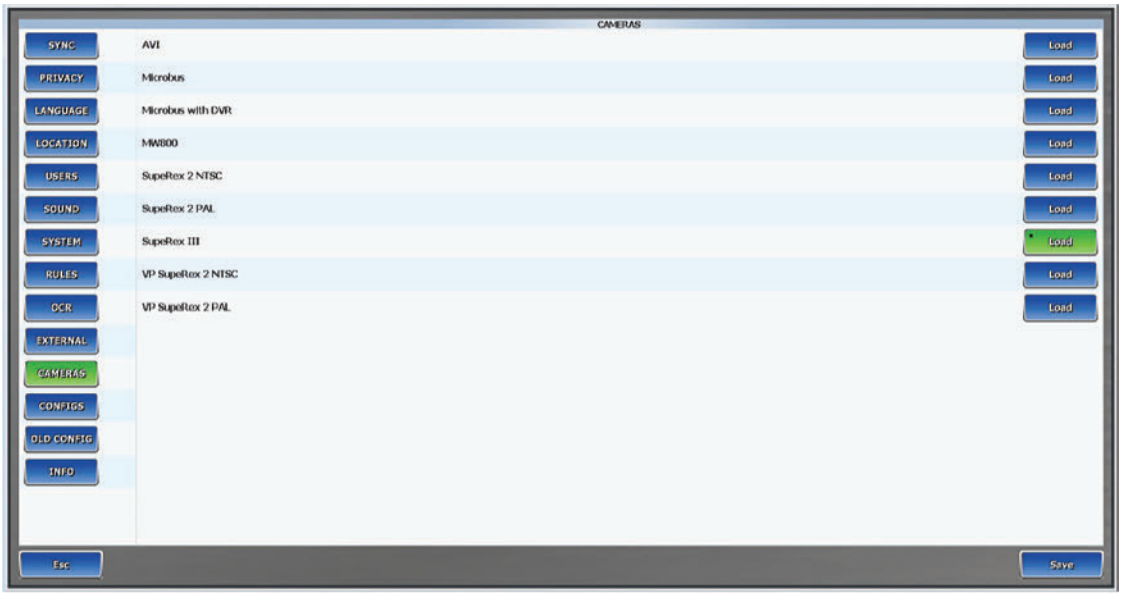
This will bring you into the PAGIS administrative configuration area.



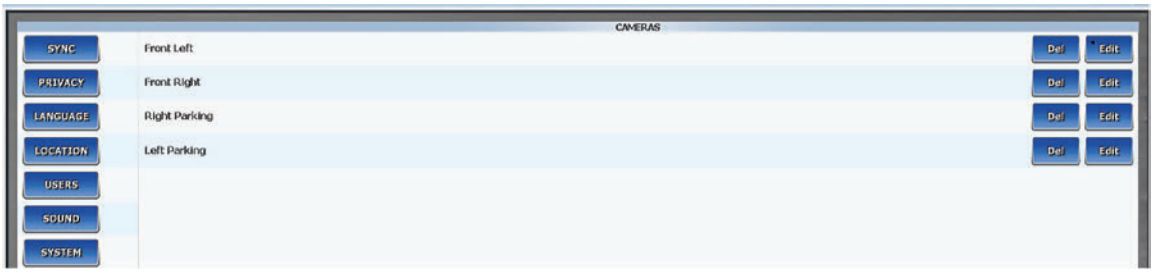
4. Click the “Cameras” button.
5. Then click “Load Defaults” button to right.



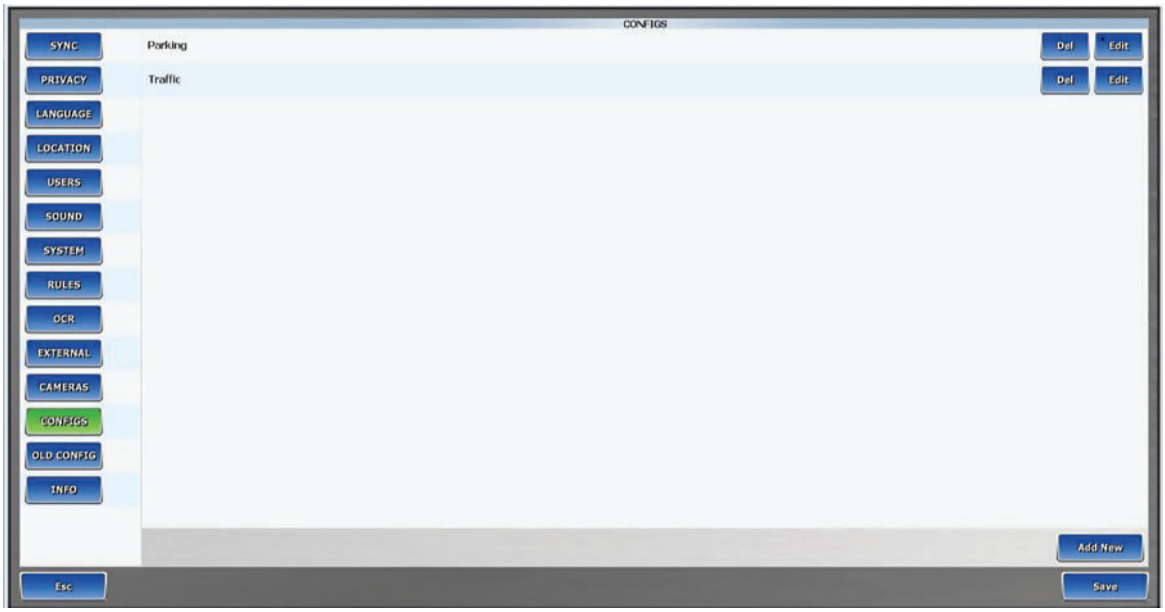
6. Select the Load button for “SuperRex III”, then click Save.



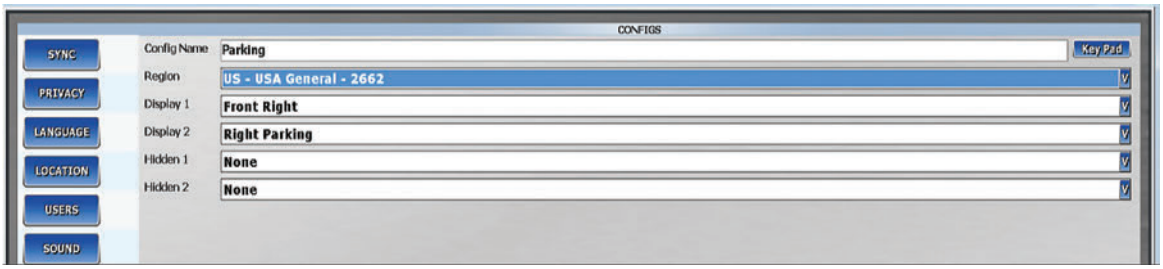
Default 4 cameras should now appear.



7. Click the “Configs” button on the left.

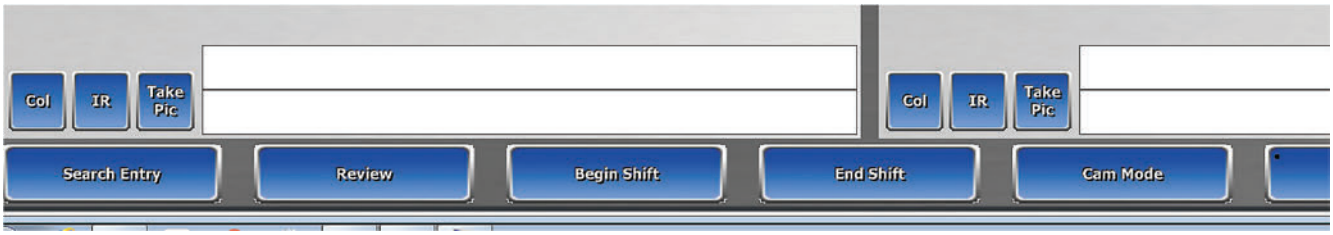


8. Click the Edit button to right of the first configuration, Parking.



9. Click the dropdown arrow to right of “Region” and select the region file. PAGIS will use this to OCR plates, typically the region files are labeled according to States. Some may have additional surrounding areas labeled in the name.
10. Select your cameras for Display1 & 2, typically these correspond with the configuration name. It’s important that you know how many active cameras your system physically has connected and in what positions they are in. In general, the ones you want to see actively capturing plate you would put in the “Display section”, cameras you want to be active but not visible would go under the Hidden 1 & 2.
11. Once you made you selection click Save.
12. Click the “Configs” button and repeat the above steps for Traffic.

13. Once done return to main live screen.
    a. Check to make sure your configurations saved, click the “Cam Mode” button.



    b. Click the cam mode button once, this will cause PAGIS to change viewing mode. Changing modes can take 2-4sec.
    c. You will now see the first mode, typical traffic labeled in the cam mode section and the corresponding camera names will now appear at the top of each camera panel.
    d. Confirm camera is working by clicking the COL button in each camera panel to see the live video feed, this will stop after 1min or after plate capture has occurred.

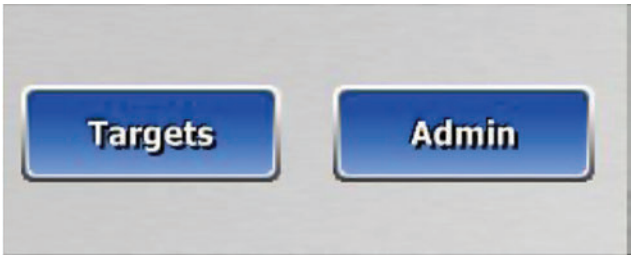
3.5 PAGIS Sync Setup

Steps to setup PAGIS to sync with BOSS.

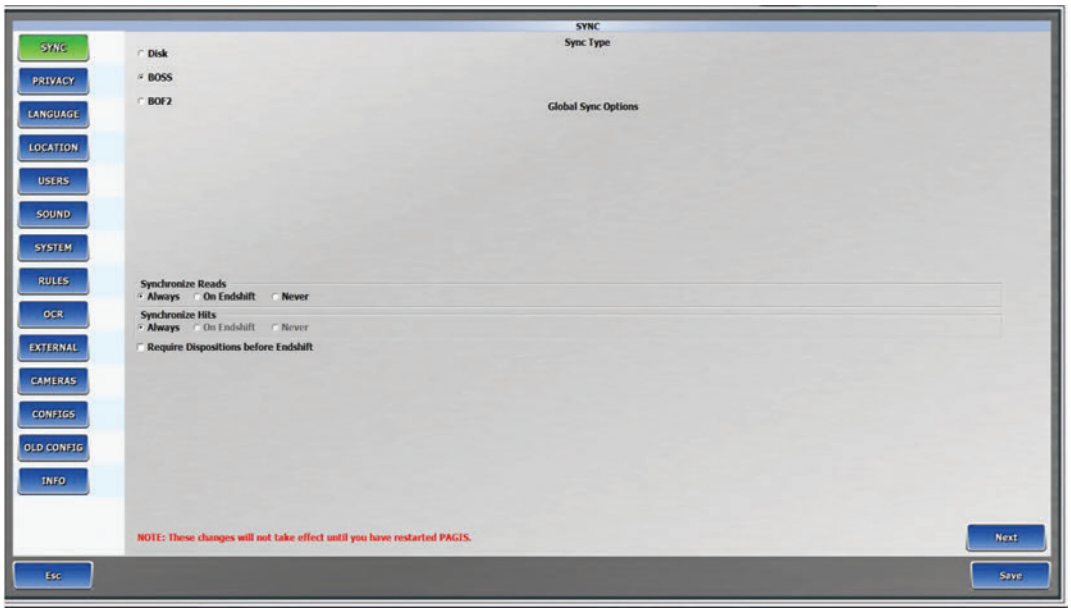
1. Log into PAGIS with Admin account.
    a. Click the Admin button,



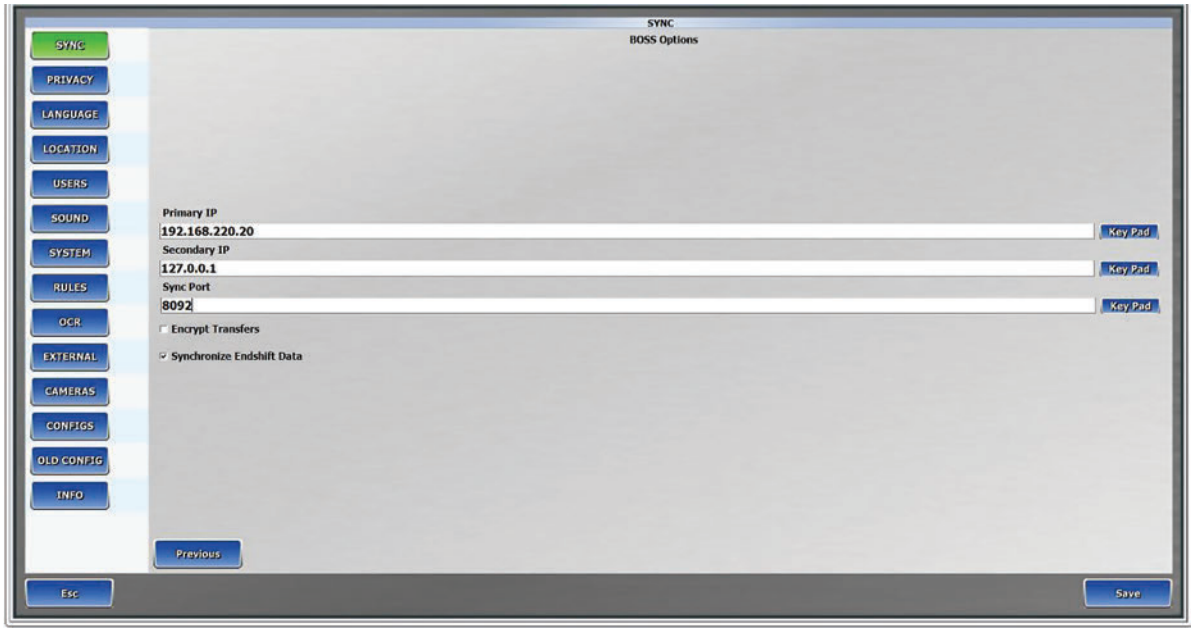
    b. Click **Admin** button again.



2. Under the “Sync Type” select BOSS then click the Next button, Sync Reads & Hits are selected as Always.



3. Type in the BOSS IP address in the Primary IP field just as the example shows, Secondary IP field is for network hopping like switching from cellular to Wi-Fi or LAN where the BOSS IP is different between network- if not needed leave the default IP. Default sync port is 8092- if this is changed be sure to match the same port in the BOSS server settings.
4. Click the Save button and return to main screen.



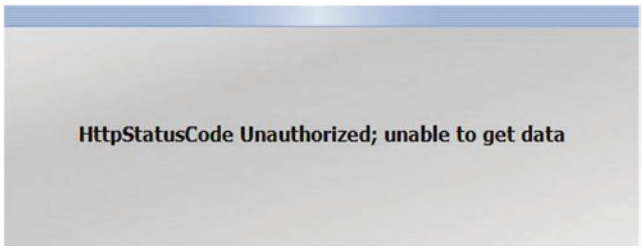
3.6 Testing PAGIS Connection to BOSS

Begin Shift to test connection to BOSS.

1. At PAGIS main screen, click the Begin Shift button to select, then click again to active.



2. If the laptop has previously been setup to communicated with BOSS you should see a transfer window appear in the middle of the screen and possibly notice alert list transferring. If you do not notice alert list transferring this probably because the BOSS admin has not enabled any list to transfer.
3. If you see a message indicating "HttpStatusCode" this is an indication the BOSS has received your request to communicate but has rejected it. Reason for this, is that all new "Device" i.e. your laptop name must be manually enabled in BOSS to allow communication. Once your BOSS admin has allowed communication this "Unauthorized" code will not appear again.



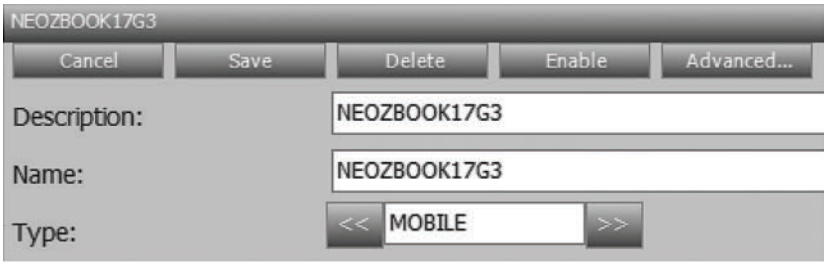
3.7. Enable Mobile Systems in BOSS

It's important to understand how BOSS see's newly added mobile systems, i.e. PAGIS on laptop.

a. When a Begin Shift if performed for the first time in PAGIS you will receive a "HttpStatusCode" "Unauthorized" code, this code indicates BOSS has seen the request but has returned a "Unauthorized" message indicating that your device i.e. laptop name must be enabled in BOSS.
b. BOSS reference mobile systems as a device. A single device is identified as the computer name running PAGIS.

3.7.1 Enable new mobile device in BOSS

1. Log into BOSS with Admin privileges.
2. Click the Admin button on the left and then click the button labeled Devices.
3. Under the Devices section click the "Refresh" button located on the bottom of screen.
4. You should see a new device appear under "Device Name", the device name will be the computer name that PAGIS is running on.
5. Click on the device then click the edit button listed at the bottom of the screen.
6. Click the "Enable" button. After clicking the "Enable" button BOSS will bring you back to the main device section, at this point PAGIS is now authorized to send and receive data to BOSS.



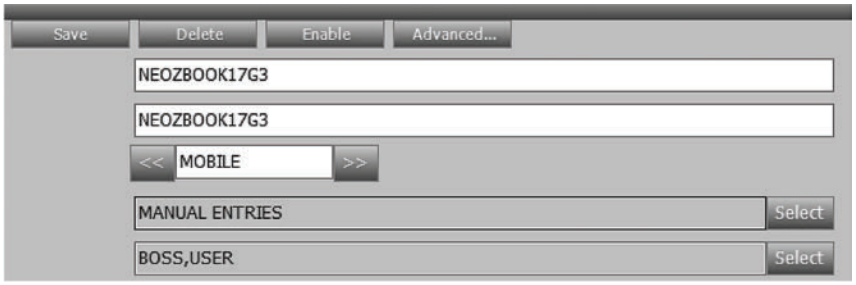
Note: Remember even though PAGIS is now enabled to send & receive data you will still need to configure what user groups and Hotlist to be sent to your newly activated device, otherwise none will be sent, see step below.

3.7.2 Assigning User Groups to a Device

1. Click on the desired device then click the edit button listed at the bottom of the screen.
2. Click the “Select” button by the row labeled “Owners:”, checkmark all the user groups that you would like to log into PAGIS then click the same “Select” button now labeled “Save” to populate the “Owners” section.

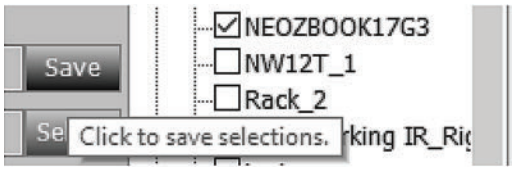


3. If done correctly the “Owners” filed should now have user groups populated.
4. Click the “Save” button on the top row.

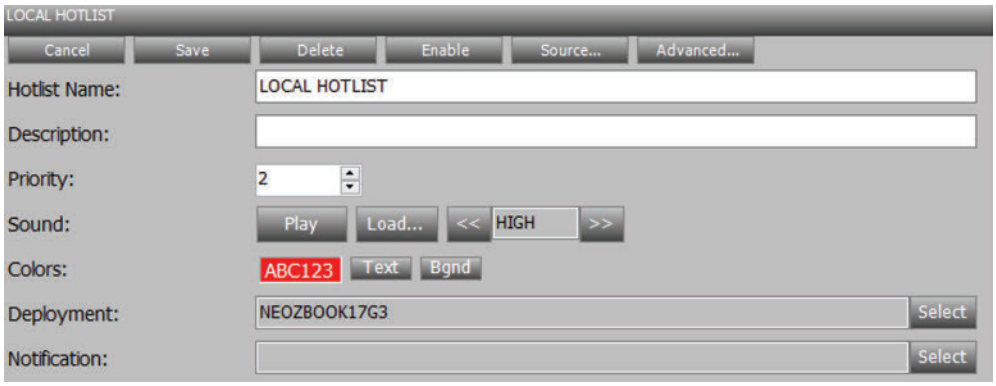


3.7.3 Assigning Hotlist to Device

1. Click the Admin button on the left, then click the button labeled Hotlist.
2. Click on the desired Hotlist then click the edit listed at the bottom of the screen.
3. Click the “Select” by the row labeled “Deployment”. Checkmark a device then click the same “Select” button now labeled “Save” to populate the “Deployment” section.



4. If done correctly the “Deployment” filed should now have the device populated.
5. Click the “Save” button on the top row.



6. Repeat steps a-e for each Hotlist you would like to deploy to PAGIS.

3.8 Troubleshooting & Tips

- New installations of PAGIS do not require a login or PW because it's in an unconfigured state until groups are assigned. See section 6.3.
- PAGIS automatically synchronizes data with BOSS every 30sec regardless of the Begin Shift / End Shift features.
- In PAGIS captured plates are stored locally and synced with BOSS via the automatic communications cycle, local data remains until an End Shift is performed.
- PAGIS utilizes TCP/IP 8092 to communicate with BOSS. If you're having synchronization issue it is recommend too troubleshoot the issue separately from PAGIS. A good tool to use is Windows Telnet command in Dos. On the laptop with PAGIS go into a Dos prompt and type "Telnet BOSSIPHere 8092", if the screen goes black this is confirmation that the laptop can communicate with BOSS via port 8092, if the connection fails this means the laptop and the network its on cannot communicate with BOSS.
- No camera panels appear in PAGIS.
  a. Check that the Ethernet adapter is configured correctly, see section 1.1.
  b. Since the connection from laptop to mobile processor is peer to peer, local firewall should be turned off for the ethernet adapter.
  c. Try pinging the mobile processor.

Try Telnet to mobile processor using port 9000, if the processor is running correctly you should see streaming data in the connection. If no data stream is present this could indicate an issue on the mobile processor end, refer to the SX3 or SX4 "Tools and Setting Guide" from more instructions.

4. APPENDIX: THE PAGIS SOFTWARE DATABASE FILE

This information is useful when the PAGIS Software is used without the Back Office System Software, or when it is used in Data Sync mode.
The only file format that the PAGIS Software supports for importing data into the vehicles for the purpose of matching against the capture license plate is a CSV (comma-separated value) file. This format is a standard ASCII text file that is platform independent and understood by many of the common spreadsheets such as Microsoft Excel as well as by any text editor such as Notepad. The PAGIS Software will support CSV files with any number of columns, called fields, as long as the first field is the VLP (Vehicle License Plate).

Example CSV 1

ABC123, Red, Ford, Explorer, 1996, WANTED XYZ456, Blue, Audi, A4, 2001, MURDER

Example CSV 2

45ABC234, Vehicle wanted in associated with a kidnapping on 12/5/2005 995BD233, Vehicle reported stolen from Liz's Lounge at 6am on 12/1/2005

Example CSV 3

UIO223 ABC123

The PAGIS Software calls files in pairs: a database is created using two files, a CSV file and an INI configuration file. Without that file, the database will not load. If, for instance, the file that a police agency is trying to import into the PAGIS Software is called stolen.csv (again, recall that CSV files are the only format supported by the PAGIS Software) then the corresponding INI file would be called stolen.ini. The PAGIS Software will only load a CSV file for a database if it has the same name as the INI configuration file.

4.1 Interpreting the Sample File

Lines that appear in brackets [] are called Headings. The lines that appear between the headings are called values. Values will always contain an equal sign (=). If a line starts with a semicolon, it is considered to be a comment and is not read by the system. There can be any number of comments in the INI file.

4.1.1 The [SETTINGS] Heading

Under the Settings heading there are the values NumFiles, DbName, DbColor, Priority, Covert, Alarm, and NumFields. The NumFiles value tells the system how many database files the system should split the specified hotlist into. Generally a value of 1 is acceptable, but for larger hotlists (200,000 +), a number of 2 – 5 may be desirable.

The *DbName* value tells the PAGIS Software what the displayed name of the hotlist should be.

The *DbColor* value tells the PAGIS Software the display color of the hotlist. This is merely an esthetic setting and not a functional setting. The right-hand side of the equal sign is the HEX value representing the ARGB values for the color. If you do not know what this means, you should simply leave this line out of the file.

The Priority value designates the priority of this hotlist in relation to other hotlists in the system. The highest priority database is 1 and the lowest is 999.

The Covert value determines whether standard PAGIS Software users are alerted when a hit is made from the database. Covert database can be used for hotlists that are included for information-gathering purposes rather than eliciting user intervention. The system can also be configured to notify via email or SMS message when a hit is made from a covert hotlist.

The Alarm value tells the system whether a Low, Medium, or High audible alarm should be played when a hit is made from the hotlist. Values for Alarm are LOW, MED, HIGH.

The NumFields values tells the system how many fields (or columns) are in the CSV file. If this value is less than the actual number of fields in a file, then additional fields are placed in the general information area. This value also determines the number of headings of the [Field x] will be present in the file. For instance if NumFields=2 then there will be two additional headings, [Field 0] and [Field 1]. Creation = The timestamp when the hotlist was added to the Begin Shift file.

4.1.2 The [FIELD X] Heading

Under the Field heading, there are two configurable values: Name and PAGIS:

The Name value tells the system what the name of this field is. If no name is specified, then there is no name given to the field. The format is Name = <field>.

The PAGIS value tells the system how to display the field in the GUI (graphical user interface, the Windows application). If no value is defined, then the field is placed as general information. Values 1 – 5 represent special fields for PAGIS Software that translate to the information being displayed in a box of its own when a hit is recorded. A value of 6 represents an ID number to cross reference the vehicle from this hotlist with a person from the wanted list. A value of 7 is identical to leaving the value undefined.

4.1.3 Sample INI Configuration File

[Settings]

NumFiles=1

DbName=Stolen Vehicles

DbColor=ffffff00 Priority=5

Covert=False Alarm=MED

NumFields=8

;PAGIS Values

;0 is VRM / VLP (Not User Definable, always Field 0)

;1 is Special Field 1

;2 is Special Field 2

;3 is Special Field 3

;4 is Special Field 4

;5 is Special Field 5

;6 is ID Number (PNC ID, Drivers License, Social Security Number, etc.)

;7 is General Info (Default for all undefined fields)

[Field 0]

PAGIS=VR

M

4.1.4 Sample INI Configuration File

[Field 0] Name=VRM

[Field 1] Name=Color PAGIS=3

[Field 2] Name=Make PAGIS=1

[Field 3] Name=Model PAGIS=2

[Field 4] Name=Action PAGIS=4

[Field 5] Name=Warning PAGIS=5

[Field 6] Name=PNCID PAGIS=6

[Field 7] Name=Intelligence PAGIS=7

4.2 Additional Development and Support

Additional development by PIPS Technology Inc. will be required in order to support additional data formats. Contact Technical Support at the address below for further information.

Email: support@pipstechnology.com

Web: www.pipstechnology.com

Phone: 833 PIPS LPR (833 747 7577)

Neology Headquarter San Diego

Address: 12760 Danielson Ct.,
Suite A Poway, CA 92064

Neology Austin

Address: 6801 N Capital of Texas Hwy,
Suite 220B, Austin, TX 78731

Neology México

Plaza Carso II, Lago Zurich No. 219-Piso 10
C.P. 11529 Ciudad de México

5. APPENDIX: ADDITIONAL PROCEDURES

5.1 Microsoft .NET 3.5 Installation

The PAGIS Software requires Microsoft .NET Framework 3.5. If your computer does not have .NET, it can be downloaded from the Microsoft website. If you are using Windows 7, the 3.5 Framework is already part of the operating system, even though it does not show up in Add/Remove Programs.

5.2 Firewall Settings for Client-Server Installations

For client-server installations, the appropriate settings need to be added to Windows Firewall to allow the two processors to communicate. If your systems are maintained by a Network Administrator, you should contact the Administrator before making changes to the firewall.

1. Open a command prompt by going to Start -> Run and typing cmd and clicking OK.
2. From the command prompt, run the following 10 commands. When the commands are successful, the word OK will appear.
   a. netsh firewall delete allowedprogram “C:\Program Files\PIPS Technology, Inc\PAGIS2\ VPRelay.exe”
   b. netsh firewall delete allowedprogram “D:\PAGIS\VPRelay.exe”
   c. netsh firewall delete allowedprogram “C:\Program Files\PIPS Technology, Inc\PAGIS2\PAGIS. exe”
   d. netsh firewall delete allowedprogram “D:\PAGIS\PAGIS.exe”
   e. netsh firewall add portopening TCP 9000 PIPS _ ViewFinder
   f. netsh firewall add portopening TCP 10000 PIPS _ Images
   g. netsh firewall add portopening UDP 10010 PIPS _ Ping
   h. netsh firewall add portopening TCP 32023 PIPS _ Config
   i. netsh firewall add portopening TCP 32024 PIPS _ GPS
   j. netsh firewall add portopening TCP 32025 PIPS _ GPS2
3. Restart the computer.

5.3 Mapping a Network Drive

The instructions below provide basic directions for mapping a network location to a drive. Please contact your System Administrator for assistance.

1. Open a file browser and browse to the folder you wish to use.
2. Right-click on the folder and choose Map Network Drive from the contextual menu or use the Tools > Map Network Drive command. If the Map Network Drive option is not available, try selecting a folder higher up in the directory structure.
3. Choose an available drive letter for the drive to be mapped.

5.4 The PAGIS Software Version 2.9 Series Troubleshooting

ISSUE REPORTED	EXPLANATION	STEPS TO CORRECT
Error message displayed "Could not connect to remote host!"	The connection between VP Relay and the MDC version of PAGIS has been lost.	- Confirm that VP Relay is running on the PIPS Mobile ALPR Processor. - Confirm that the MDC running the PAGIS Software is able to ping the PIPS Mobile ALPR Processor. - Confirm the IP settings for both applications match the IPs for the MDC and the PIPS Mobile ALPR Processor. The software stores the PIPS Mobile ALPR Processor IP in the file PAGIS.exe.config, in the 'DEWG3.ConnectionString' field. VP Relay stores the MDC IP in the file anpr2.ini, in the '[Send] Address' field. - Confirm the port settings for both applications match. PAGIS Software stores the port in the file PAGIS.exe. config, in the 'ANPR.Location' field. VP Relay stores the port in the file VPRELAY.exe.config, in the 'ConfigPort' field on the SX units its self, see SX user guide on how to connect. - If the connection still cannot be made, the installation needs to be escalated to PIPS support
Reads are not syncing to BOSS. There is an error message in the log file indicating that the end point cannot be reached related to the REST API.	This is an issue seen when the port settings are not correct.	- Confirm that the port has been set correctly in the Admin/ Sync/ BOSS3 section. - Confirm that the port has been set correctly for the REST API on the Network Port Settings screen in the BOSS3 Controller. - Confirm that the firewall is open for the port being used by the PAGIS Software.

5.5 Instation (formerly BOF2) Configuration Information

The Instation software (formerly known as BOF2) is a back office program used in the European market that was written by a company called Anite. It is a web-based software that provides similar features to the PIPS Back Office System Software (BOSS), like hotlist management.

Instation configuration options in the BOF2 options screen:
End Point – The IP address of the Instation website. The format must be <IP Address>:<Port>. Force – A unique code assigned to each police force.
Location – A unique number assigned to each mobile unit within a force. For example, if a force has 20 vehicles, in each of the mobile units the force numbers would be identical, but the Locations would be 1–20.
Patch – The image of the plate that is pulled from the read. It is checked by default; the Patch image will be sent to Instation.
Overview – The image captured for the read. It is checked by default; the Overview image will be sent to Instation.
Compact – Select if the communication packet being sent to Instation needs to be minimize. This will cause the application to create communication packets without images included. This is not checked by default. If checked it will uncheck the Patch and/or Overview settings.

To Reset Hotlists after Save: Instation tracks what hotlists have been sent to a PAGIS Software system. When a hotlist update is available, Instation is then able to send only the information that the software system has not yet received. At any time the PAGIS Software system can decide to collect fresh hotlists, and the current ones can be deleted. If the "reset hotlists after save" flag is set, when the software system syncs to Instation, it will send a message indicating that the hotlist version tracking needs to be reset. Instation will now send all of the full hotlists.

GLOSSARY

Term	Definition
ALPR/ANPR	Automatic License Plate Recognition/Automatic Number Plate Recognition
GPS	Global Positioning System
Hotlist	A database or list that contains vehicle license plates of interest
IR	Infrared
License plate	Also called a tag or number plate
MDC	Mobile data computer or laptop
OCR	Optical character recognition
OS	Operating system
USB flash drive	Also called a thumb drive or memory stick
VLP	Vehicle License Plate
Whitelist	In the PIPS Back Office System Software (BOSS), a whitelist hit is the opposite of a hotlist hit. When a license plate does not exist in an enabled whitelist database, the same Hits (Alert) screen will be displayed

For additional information, assistance or maintenance questions please contact Neology ALPR/ANPR Support at:
PHONE: 833-PIPS-LPR (833-747-7577)
• Option 1 for Sales
• Option 2 for Support

For the U.S/Can and all other areas:
Sales Enquiry Email: sales@pipstechnology.com
Support Request Email: support@pipstechnology.com

For Europe, Middle East and Africa:
Sales Enquiry Email: sales@pipstechnology.co.uk
Support Request Email: support@pipstechnology.co.uk

PIPS TECHNOLOGY DETECTION INNOVATION

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PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

December 18, 2018

William M. Pallozzi
Colonel
Maryland State Police
1201 Reisterstown Road
Pikesville, MD 21208

Dear Colonel Pallozzi:

During our meeting this past July, we heard a presentation on the regional Automated License Plate Reader (ALPR) initiative underway between the New York City Police Department (NYPD), the Northern New Jersey Urban Area Security Initiative (NNJUASI), and New Jersey State Police (NJSP). You will recall that I provided you with a copy of the Memorandum of Understanding (MOU) between the above parties that set out the criminal investigative goals, privacy protections, and means of access involved in this interstate initiative. My hope was that you would review this MOU and consider the benefits of your agency's participation.

In New Jersey, we have seen numerous successes from regional ALPR sharing. It has significantly enhanced our ability to investigate and prosecute those responsible for criminal activity occurring in the greater New York City metropolitan area.

On Monday, January 28, and Tuesday, January 29, 2019, the NJSP, NYPD, and NNJUASI, facilitated by the Rutgers University Center on Policing, will host a Regional Trafficking Summit. This two-day summit will gather 12 state police superintendents, 12 major city chiefs, and numerous federal agencies with responsibilities along the I-95 corridor between Richmond, VA, Washington, DC, and Boston, MA, to discuss the feasibility and productivity of linking and sharing ALPR data. Establishing this linkage across the northeast region of the United States would immeasurably increase our effectiveness in addressing issues of counterterrorism, drug trafficking, weapons trafficking, Amber and Silver Alerts, plus other threats to the public safety of our respective states.

This summit will be held in two locations:

On January 28, attendees will arrive at the Hyatt Regency on the Hudson, 2 Exchange Place, Jersey City, New Jersey. Each state police agency is encouraged to bring its state fusion center director and chief

technology officer. A block of rooms has been set aside for the summit; however, attendees are requested to make reservations as soon as possible at 201-469-1234 to secure a room.

Please click here to register and RSVP for the Regional Trafficking Summit by January 7th, 2019. All questions should be posed to former Colonel Rick Fuentes, NJSP, who currently works with the Rutgers University Center on Policing and the NNJUASI to advance statewide and regional information-sharing programs. He can be reached by email at rrixmail@comcast.net and by phone at (201)554-5514.

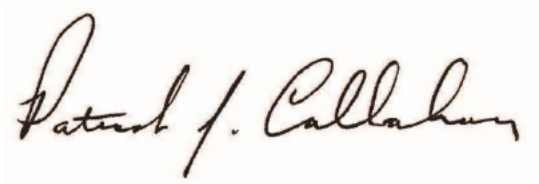
An afternoon meeting will commence at 1:30 p.m. involving presentations from participant cities and states discussing the merits and successes of sharing ALPR data. Following the afternoon session, a sponsored dinner will be provided.

On the morning of January 29, attendees will embark on NJSP and NYPD marine vessels for transport across the Hudson River, disembark at the Cove Marina in New York City, and proceed to a meeting location within walking distance chosen by the NYPD.

The NYPD will host a morning discussion focusing upon their much-heralded Domain Awareness System (DAS), a technology platform effectively supporting the comprehensive public safety needs of the NYPD. They will demonstrate how law enforcement agencies along the I-95 corridor can access the ALPR data. This discussion will consider privacy and auditing protections, observance of individual state and city ALPR retention policies, and access permissions. The NYPD meeting will close with a sponsored lunch and a return trip by boat to the hotel, at which time the summit will conclude.

Thank you for attending this summit and for your participation in this groundbreaking information-sharing initiative to collect and access ALPR data across the northeastern United States.

Sincerely,



Patrick J. Callahan
Colonel

Server Specifications
Back Office Server Software (Boss)

Application Server Specifications				
	Demo or Small Configuration	**Mid-Size Configuration**	**Large Configuration**	**High Capacity Configuration**
Notes	1-3 ALPR Devices Max. daily intake around 30,000. Avg. of 3 users querying data. Alert list averaging 1M± records. Data retention, Max. 30-60 days.	3-50 ALPR Devices Max. daily intake around 500,000 events. Avg. of 15 users querying data. Alert list averaging 2M± records.	50-150 ALPR Devices Max. daily intake around 1.5M events. Avg. of 25 users querying data. Alert list averaging 2M± records.	150+ ALPR devices. Beyond 1.5M events per day. Avg. of 25+ users querying data Alert list averaging 2M+ records.
Operating System	Windows 2008 or newer	Windows 2008 or newer	Windows 2012 or newer	Windows 2012 or newer
Memory	8-16GB	16GB	16-32GB	32-128GB
Processor	x32, x64-based 2.0-3.0GHz 2 cores	x64-based 2.0-3.0GHz 2-4 cores.	x64-based, Server Class CPU 3.0GHz 4 cores, 8 threads, 8MB cache.	x64-based, Server-Class CPU 3.0GHz 6-8 cores, 12-16 threads, 12-15MB cache.
Hard Drive	5400 RPM	7200 RPM	7200 RPM	7200 RPM
Application Space	100GB of available space	200GB of available space	300GB of available space	500GB-1TB of available space

Database Server for MSSQL Specifications				
	Demo or Small Configuration	**Mid-Size Configuration**	**Large Configuration**	**High Capacity Configuration**
Operating System	Installed on Application side	Dependent on version of MSSQL	Dependent on version of MSSQL	Dependent on version of MSSQL
Database Application	MS SQL Express 2012 or newer	MSSQL-2012 or newer	MSSQL-2012 or newer	MSSQL-2012 or newer
Processor	N/A	x64-based, Server Class CPU 2.5GHz 4-6 cores, 8-12 threads, 8-10MB cache.	x64-based, Server Class CPU 2.5GHz 4-6 cores, 8-12 threads, 8-10MB cache.	x64-based, Server Class CPU 3.5GHz 4-6 cores, 8-12 threads, 8-10MB cache.
Memory	N/A	32GB	32-64GB	64-128GB
Hard Drive	SQL Express has 10GB limit. Not suitable for fixed camera implantation with any kind of data retention expected.	SATA3- 7200RPM RAID level redundancy and daily Db backups recommended. *See sizing chart for storage.*	SATA3- 7200RPM RAID level redundancy and daily Db backups recommended. *See sizing chart for storage.*	SATA3- 7200RPM RAID level redundancy and daily Db backups recommended. *See sizing chart for storage.*

Guides above intended as general guidance on ALPR Server Specifications.

Data Storage Sizing Chart

Based on Mobile data	
# of Records	Database Size
1M	67GB
5M	334GB
10M	684GB
50M	3.3TB
100M	6.5TB

Based on 70kb per event

Based on Hybrid data	
# of Records	Database Size
1M	105GB
5M	525GB
10M	1TB
50M	5.1TB
100M	10.2TB

Based on 110kb per event

Based on Fixed Camera data	
# of Records	Database Size
1M	143GB
5M	715GB
10M	1.4TB
50M	7TB
100M	14TB

Based on 150kb per event

Application Ports

Ports	TCP / UDP	Description
80	TCP	Client-side mapping port and server-side activation port.
8090	TCP	Legacy Pagis 268 data port, not required unless using older Pagis SW.
8092	TCP	LPCS/Pagis REST API data port for all newer 2.7.0 versions.
10000	TCP	VES Image port for fixed cameras P392, P492.
10005	TCP	VES Heartbeat for fixed cameras P392, P492.
10010	UDP	VES Ping port for fixed cameras P392, P492.
23032	TCP	Boss client communication port and interagency Boss to Boss sharing.
32023	TCP	Boss client deployment port.

Boss (Minimum Environmental Requirements)

- Windows 2008 or newer.
- .Net 4.0 for Boss 3.5.0 and newer.

Supported Databases

- MSSQL Server 2012 or newer.
- MSSQL Studio Manager 2012 or newer.
- Other Database not currently supported.

Client-Side Requirements

- Windows 2007 or newer with systems meeting base OS requirements.
- .NET Framework 4.0 Client- installed by Boss's thin client-side application.
- Client-side URL, http://BossIPHere:32023/publish.htm, URL is a onetime first-time application that installs a thin client-side application on the workstation, typically does not require administrative privileges as it is applied to the users own local profile.

Frequently Asked Questions, FAQ's.

Q. Support for other Operating Systems?
A. Currently supported are Windows based 32/64-bit OS's.

Q. Can Boss work in virtual OS's?
A. Yes, currently supported are Windows based 32/64-bit OS's.

Q. What Database programs are supported?
A. Currently supported is 2012 MSSQL and newer.

Q. Can you migrate data from external ALPR servers into Boss?
A. Currently No.

Q. Can existing Boss database be utilized from older versions when upgrading to 3.5.x?
A. Yes, providing that the previous version has been upgrade to a minimum of 3.2.1

Q. Can Boss reside on same OS as database application?
A. It is not recommended. But is possible as long as the number of devices and data retention are keep to a very low minimum. Example 3 devices with data retention of 30 days would be acceptable but moving beyond that, considerations to server loads and space requirements will have to be evaluated.

Q. Can Boss ports be customized?
A. Yes- full customizations for all data communication ports is available.

Q. Can our Boss share data with others running Boss?
A. Yes- Data sharing is built into our latest versions to connect with others utilizing Boss.

Q. How are the database tables created?
A. Database table are created by the Boss Controller program, once the Boss service is started for the first time it checks to see if Boss3 database exist, if none exist then it proceeds to create a new database.

Q. Can we customize where data, logs and images are stored on the database server?
A. Yes, our Boss service has an external controller program that is ran during the installation of Boss where you can control those variables. This same tool can also be used to later change physical server environment.



Pagis Installation and Setup Guide

Revised: June 2018

Pagis Minimum System Requirements:

- Pentium-compatible PC at 1.0 GHz
- Windows XP-10
- Microsoft .NET Framework 3.5
- 8 GB of RAM
- At least 1 GB of hard drive space
- SVGA display with a minimum resolution of 800 x 600 pixels
- Available Ethernet port
- Keyboard and mouse, or a touch screen monitor.

1. Installing Pagis:

Installing the Pagis Software on Laptop.

1.1 On your laptop, find and identify the network adapter that is connected to the mobile processor and change the default DHCP IP setting to manual and use the following IP.
   a. Mobile processors older than May 2015 use IP: 192.200.200.200, Subnet: 255.255.255.0.
   b. Mobile processors May 2015 and newer use IP: 192.168.200.200, Subnet: 255.255.255.0.
   c. No Gateway required, should be left blank.
   d. Default IP of mobile processor is 192.200.200.201 or 192.168.200.201 depending on manufacture date.
   e. The Mobile processor is pre-configured to relay its camera data connection to the .200 IP address. Using alternative IP's on Laptops will cause a failure to communicate when configuring the cameras under the default configurations.

(Only applies to Pagis versions 2.7.6.x.xx and older)

1.2 Transfer the installation file, PAGIS_Setup_x.x.x.exe, to the laptop.
   a. Run the file as an Administrator.
   b. When the Licensing Agreement is displayed, click on the check box indicating acceptance of the terms. Click Next to continue.
   c. Select **(MDC PAGIS)** and the desired shortcut options, click **Next** to continue.
   d. Confirm the installation location, selecting Browse if necessary, click **Install** to continue.
   e. When the "Installation Complete" message is displayed, click **Next** to continue. When the "Completing the PAGIS Setup Wizard" message is displayed, click **Finish**.
      f. Click **No** when the reboot message is displayed, rebooting is only required for installations on mobile processor. If installing on mobile processor please refer to SX3 or SX4 Tools and Settings Guide.

(Pagis version 2.9.6.x.xx Only)

Pagis 2.9.6.x.x is a reimaged PIPS version of Pagis designed to work in conjunction with the SX4 mobile processors, all version of Pagis are backwards and forwards compatible with SX3 & SX4 generations of mobile systems but the 2.9 version installs slightly different.

   g. Pagis 2.9 does not have an installer, its comes in the form of a "Flat file" designed to be copied into place.
   h. Typically, in the form of a .zip file "MDC_Cleint2.9.x.x.x.zip". Create a folder locally and unzip the contacts of the archive file into the new folder.
   i. Alternatively, a "MDC Client" version is also available directly on the SX4 itself. Located under the C:\PIPSTechnology folder, see SX4 Tools and Setting Guide.
   j. Make sure user accounts in Windows have full read and write access to this folder, epically if the folder exist in any location Windows considers protected, like "D:\Program Files (x86)".
   k. Create a shortcut for the Pagis.exe on to your desktop then proceed to Pagis setup.

2. Upgrading Pagis:

When upgrading existing Pagis software with newer versions and you want to keep your existing camera and synchronization settings do the following.

2.1 Rename the Pagis2 folder to Pagis2_old, typically located in (C:\Program Files (x86)\PIPS Technology, Inc).
   a. Install Pagis per the instructions in section 1.

2.2 Copy the following files from the Pagis2_old to the new Pagis2 folder.
   a. Synchronizer.ini
   b. FuzzyLogic.ini
   c. Attributes.db
   d. ANPR (Copy the entire ANPR folder).

2.3 Start Pagis, wait 30sec to Pagis to re-sync login account then try logging in. If log in fails just click the login button without any credentials the try doing Begin Shift.

3. Upgrading Pagis Software Mobile processor:

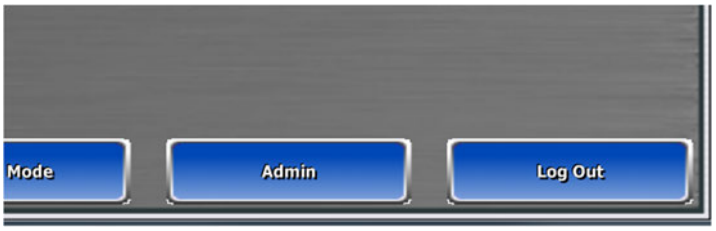
3.1 Refer to Mobile Processor guide for SX3 or SX4 versions.

4. Pagis Camera Setup:

Note: At this point the laptop must be in the ALPR vehicle with the ALPR equipment turned on.

4.1 Start Pagis, login. If log in fails just click the login button without any credentials the try doing Begin Shift.

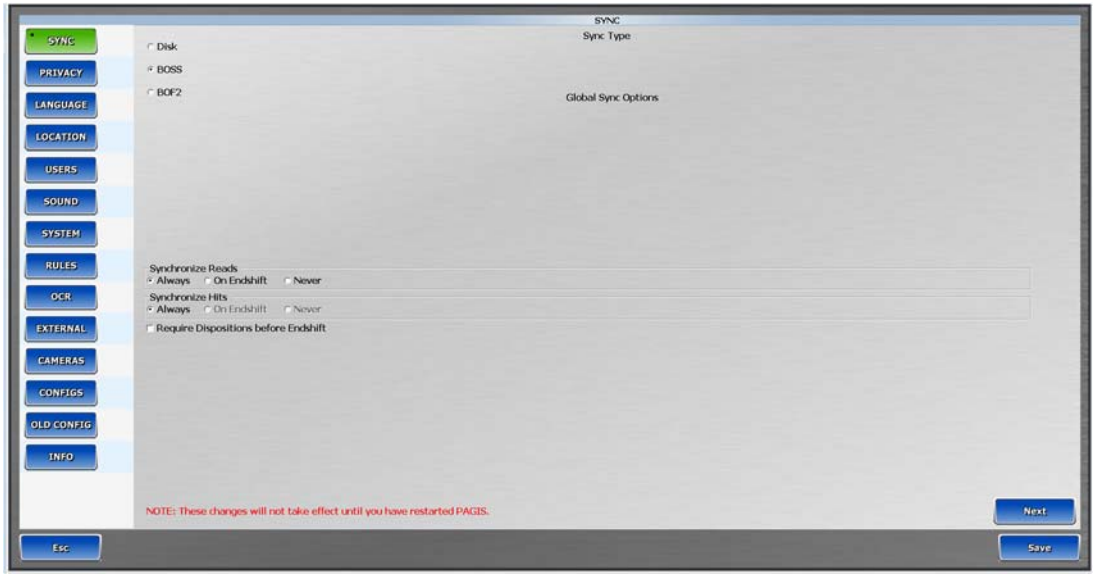
4.2 From the default live screen on Pagis, click the Admin button.



4.3 From the second setup screen click the Admin button.

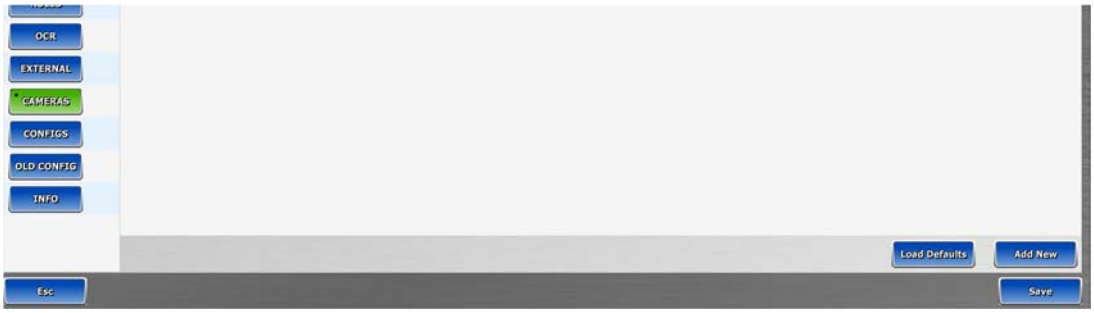


4.4 This will bring you into the Pagis administrative configuration area.

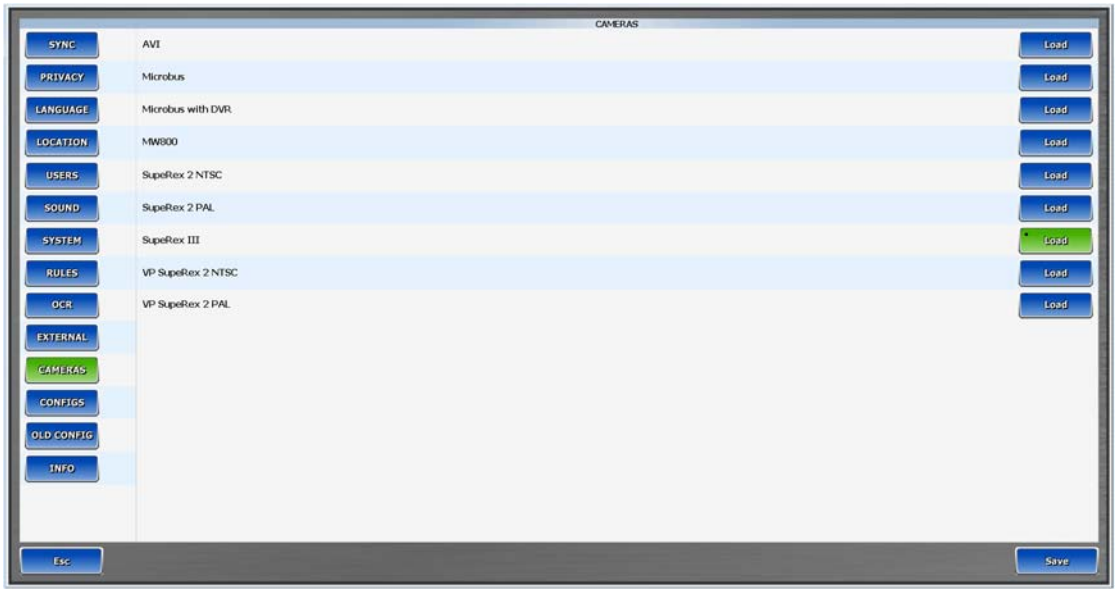


4.5 Click the “Cameras” button.

a. The click “Load Defaults” button to right.



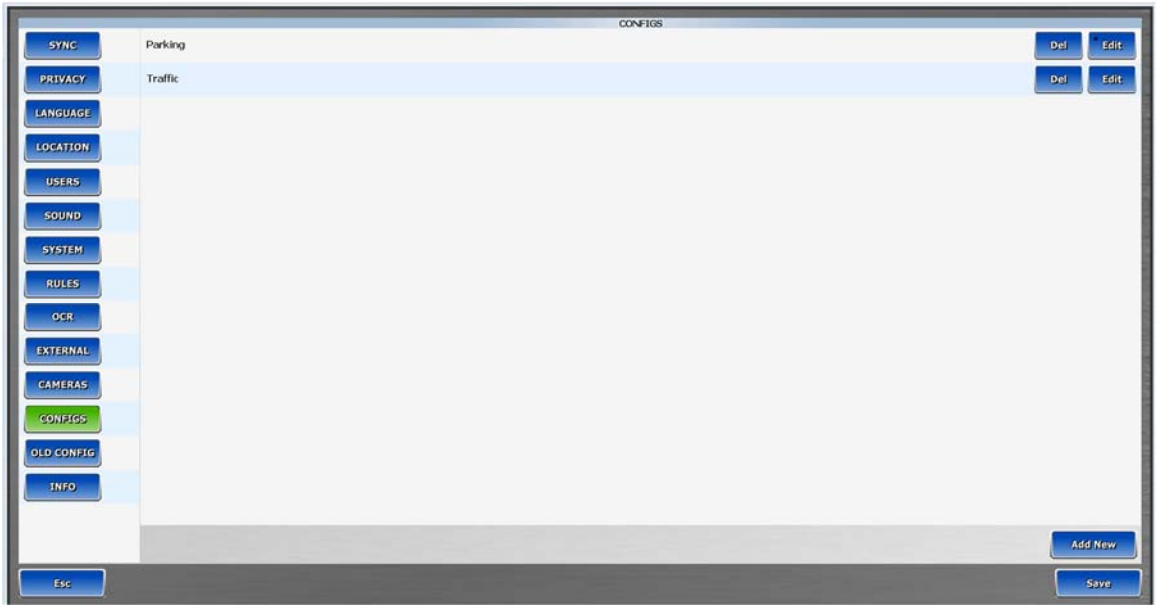
b. Select the Load button for “SuperRex III”, then click Save.



c. Default 4 cameras should now appear.



d. Click the “Configs” button on the left.



e. Click the Edit button to right of the first configuration, Parking.



f. Click the dropdown arrow to right of “Region” and select the region file. Pagis will use this to OCR plates, typically the region files are labeled according to States. Some may have additional surrounding areas labeled in the name.
g. Select your cameras for Display1 & 2, typically these correspond with the configuration name. It’s important that you know how many active cameras your system physically has connected and in what positions they are in. In general, the ones you want to see actively capturing plate you would put in the “Display section”, cameras you want to be active but not visible would go under the Hidden 1 & 2.
h. Once you made you selection click Save.
i. Click the “Configs” button and repeat the above steps for Traffic.

4.6 Once done return to mail screen.

a. Check to make sure your configurations saved, click the “Cam Mode” button.



b. Click the cam mode button once, this will cause Pagis to change viewing mode. Change modes can take 2-4sec.
c. You will now see the first mode, typical traffic labeled in the cam mode section and the corresponding camera names will now appear at the top of each camera panel.
d. Confirm camera is working by clicking the COL button in each camera panel to see the live video feed, this will stop after 1min or after plate capture has occurred.

5. Pagis Sync Setup:

Steps to setup Pagis to sync with Boss.

5.1 Log into Pagis with Admin account**.**

a. Click the Admin button,



b. Click Admin button again.



5.2 Under the “Sync Type” select Boss then click the Next button, Sync Reads & Hits are selected as Always.



5.3 Type in the Boss IP address in the Primary IP field just as the example shows, Secondary IP field is for network hopping like switching from cellular to Wi-Fi or LAN where the Boss IP is different between network- if not

needed leave the default IP. Default sync port is 8092- if this is changed be sure to match the same port in the Boss server settings.

c. Click the Save button and return to main screen.



6. Testing Pagis Connection to Boss:

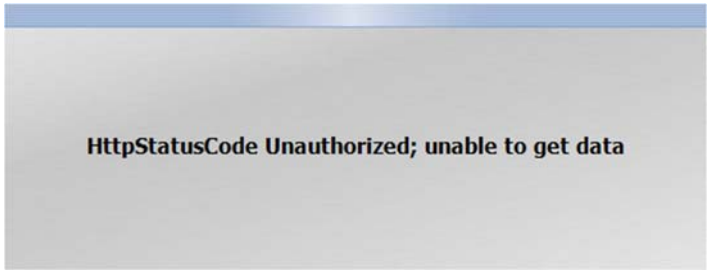
6.1 Begin Shift to test connection to Boss.

a. At Pagis main screen, click the Begin Shift button to select, then click again to active.



b. If the laptop has previously been setup to communicated with Boss you should see a transfer window appear in the middle of the screen and possibly notice alert list transferring. If you do not notice alert list transferring this probably because the Boss admin has not enabled any list to transfer.

c. If you see a message indicating “HttpStatusCode” this is an indication the Boss has received your request to communicate but has rejected it. Reason for this, is that all new “Device” i.e. your laptop name must be manually enabled in Boss to allow communication. Once your Boss admin has allowed communication this “Unauthorized” code will not appear again.



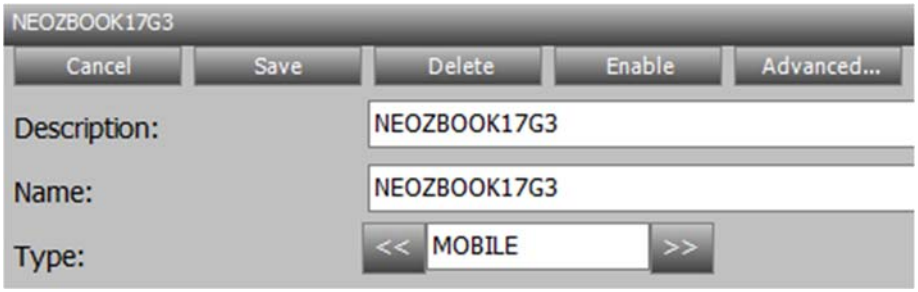
7. Enable Mobile Systems in Boss:

7.1 Its important to understand how Boss see's newly added mobile systems, i.e. Pagis on laptop.

a. When a Begin Shift if performed for the first time in Pagis you will receive a "HttpStatusCode" "Unauthorized" code, this code indicates Boss has seen the request but has returned a "Unauthorized" message indicating that your device i.e. laptop name must be enabled in Boss.
b. Boss reference mobile systems as a device. A single device is identified as the computer name running Pagis.

7.2 Enable new mobile device in Boss.

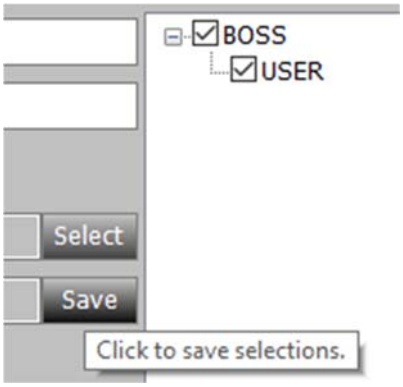
a. Log into Boss with Admin privileges.
b. Click the Admin button on the left and then click the button labeled Devices.
c. Under the Devices section click the "Refresh" button located on the bottom of screen.
d. You should see a new device appear under "Device Name", the device name will be the computer name that Pagis is running on.
e. Click on the device then click the edit button listed at the bottom of the screen.
f. Click the "Enable" button. After clicking the "Enable" button Boss will bring you back to the main device section, at this point Pagis is now authorized to send and receive data to Boss.



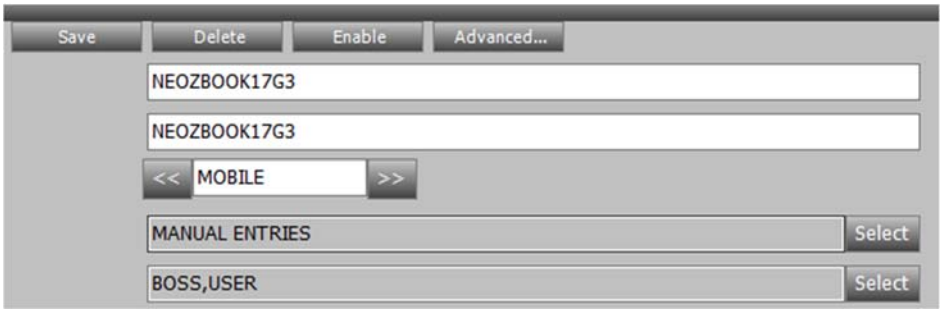
Note: Remember even though Pagis is now enabled to send & receive data you will still need to configure what user groups and Hotlist to be sent to your newly activated device, otherwise none will be sent, see step below.

7.3 Assigning User Groups to a Device:

a. Click on the desired device then click the edit button listed at the bottom of the screen.
b. Click the "Select" button by the row labeled "Owners:", checkmark all the user groups that you would like to log into Pagis then click the same "Select" button now labeled "Save" to populate the "Owners" section.

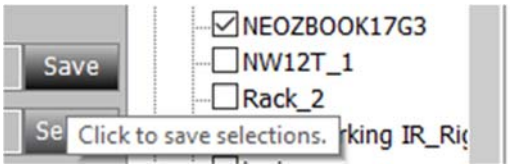


c. If done correctly the “Owners” filed should now have user groups populated.
d. Click the “Save” button on the top row.

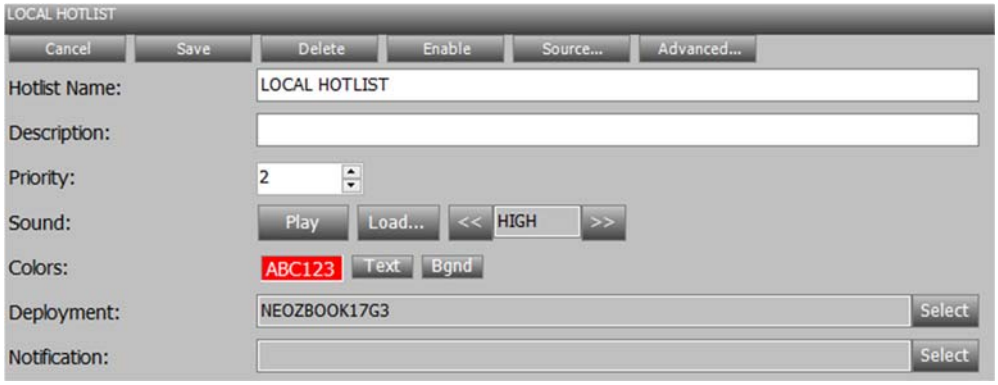


7.4 Assigning Hotlist to Device:

a. Click the Admin button on the left, then click the button labeled Hotlist.
b. Click on the desired Hotlist then click the edit listed at the bottom of the screen.
c. Click the “Select” by the row labeled “Deployment”. Checkmark a device then click the same “Select” button now labeled “Save” to populate the “Deployment” section.



d. If done correctly the “Deployment” filed should now have the device populated.
e. Click the “Save” button on the top row.



f. Repeat steps a-e for each Hotlist you would like to deploy to Pagis.

Troubleshooting & Tips:

- New installations of Pagis do not require a login or PW because it's in an unconfigured state until groups are assigned. See section 7.3.
- Pagis automatically synchronizes data with Boss every 30sec regardless of the Begin Shift / End Shift features.
- In Pagis captured plates are stored locally and synced with Boss via the automatic communications cycle, local data remains until an End Shift is performed.
- Pagis utilizes TCP/IP 8092 to communicate with Boss. If you're having synchronization issue it is recommend too troubleshoot the issue separately from Pagis. A good tool to use is Windows Telnet command in Dos. On the laptop with Pagis go into a Dos prompt and type "Telnet BossIPHere 8092", if the screen goes black this is confirmation that the laptop can communicate with Boss via port 8092, if the connection fails this means the laptop and the network its on cannot communicate with Boss.
- No camera panels appear in Pagis.
    a. Check that the Ethernet adapter is configured correctly, see section 1.1.
    b. Since the connection from laptop to mobile processor is peer to peer, local firewall should be turned off for the ethernet adapter.
    c. Try pinging the mobile processor.
    d. Try Telnet to mobile processor using port 9000, if the processor is running correctly you should see streaming data in the connection. If no data stream is present this could indicate an issue on the mobile processor end, refer to the SX3 or SX4 "Tools and Setting Guide" from more instructions.

Privacy Impact Assessment
for the

Acquisition and Use of License Plate Reader Data from a Commercial Service

DHS/ICE/PIA-039

March 19, 2015

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Abstract

U.S. Immigration and Customs Enforcement (ICE) uses information obtained from license plate readers (LPR) as one investigatory tool in support of its criminal investigations and civil immigration enforcement actions. Because LPR information can be combined with other data to identify individuals and therefore meets the definition of personally identifiable information (PII), ICE is conducting this Privacy Impact Assessment (PIA) to describe how it intends to procure the services of a commercial vendor of LPR information in order to expand the availability of this information to its law enforcement personnel. ICE is neither seeking to build nor contribute to a national public or private LPR database. In addition, through this PIA, ICE is assessing the potential impact of the use of information obtained from LPRs on the civil liberties of the public and explaining the measures to be put in place to mitigate such concerns. ICE will publish an updated PIA before the commercial solution described here becomes operational.

Introduction

As part of its criminal and civil enforcement missions, U.S. Immigration and Customs Enforcement (ICE) relies on a variety of law enforcement tools and techniques to ensure public safety and national security. One of these tools is the collection, use, and retention of data that is collected using license plate reader technology.

A license plate reader (LPR) is a system consisting of a high-speed camera, or cameras, and related equipment, mounted on vehicles or in fixed locations (e.g., bridges, toll booths, parking garages) that automatically and without direct human control locates, focuses on, and photographs license plates and vehicles that come into range of the device. Then, the system automatically converts the digital photographic images of license plates and associated data into a computer-readable format. This computer-readable format, also known as "a read," contains some or all of the following information: (1) license plate number; (2) digital image of the license plate as well as the vehicle's make and model; (3) state of registration; (4) camera identification (i.e., camera owner and type); (5) Global Positioning System (GPS) coordinates[1] or other location information taken at the time the information was captured; and (6) date and time of observation. Some LPR systems also capture within the image the environment surrounding a vehicle, which may include drivers and passengers. Information can be collected from all vehicles that pass the camera.

[1] GPS is a satellite-based navigation system that provides location and time information anywhere on or near the Earth where there is an unobstructed line of sight to four or more GPS satellites.

A number of commercial enterprises collect LPR data from both private and public contributors, including law enforcement agencies, parking garages, and repossession companies, and make it available on a fee-for-service basis to various entities, both public and private. LPR data is stored for immediate or future queries, which may be manual or automatic. It is important to note that to query a commercial LPR database, the investigator must enter the license plate number of the vehicle he or she wants to locate.

Historically, ICE has had limited access to LPR data--both from its own cameras[2] and from commercial sources.[3] Its primary investigative offices, Enforcement and Removal Operations (ERO) and Homeland Security Investigations (HSI) have each used commercial LPR information, when available, as a source of data (among other data sources) to assist in the execution of their law enforcement missions. ERO and HSI use the information to identify, arrest, and remove aliens who are immigration enforcement priorities, which at the present time include at-large aliens who have a criminal record (criminal aliens), fugitive aliens, illegal re-entrants, and those individuals posing a public safety or national security risk. HSI also uses the information in support of its criminal investigations into national security threats, illegal arms exports, financial crimes, commercial fraud, human trafficking, narcotics smuggling, child pornography or exploitation, and immigration fraud.

ICE has identified a number of benefits from the use of LPR data in its mission activities. This data can help resolve cases that might otherwise be closed for lack of viable leads, enhance both officer and public safety by enabling enforcement actions to occur in locations that minimize the inherent dangers associated with these encounters, and reduce the hours required to conduct in-person physical surveillance. Consequently, ICE is seeking to procure the services of a third-party vendor that offers a query-based LPR service to provide HSI and ERO offices with uniform access to commercial LPR data. ICE is neither seeking to build nor contribute to a national public or private LPR database. Rather, ICE is seeking an enterprise-wide commercial solution to help it more efficiently develop leads based on the location of vehicles that are associated with ICE criminal investigations and civil enforcement actions.

In defining the need for this enterprise-wide solution, ICE identified requirements that

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[2] This PIA does not apply to ICE's use of LPR cameras to collect information directly, or its use of LPR databases available when its law enforcement personnel are detailed to other agencies, fusion centers, or task forces. ICE intends to develop policy guidance for the use of LPR information, however, which will be applicable to all such information, regardless of how it is obtained.

[3] Two ICE field offices currently have subscriptions to commercial LPR information, which are being used to support ongoing criminal investigations. Standard ICE privacy policies apply to these users. Once a vendor is selected that can provide the protections described in this PIA, ICE will terminate any pre-existing contract vehicles that lack those protections to ensure uniformity across the agency.

will guide its future acquisition of LPR information from commercial vendors to minimize the potential impact of this tool's use on individuals' rights and privacy. These requirements address issues including: the development of a mobile application that will allow ICE agents and officers to query and receive LPR data results while working in the field; time limits on search capabilities that align with ICE mission requirements; internal policy controls that ensure queries are conducted only on active cases; and strong auditing requirements. ICE also intends to develop specific user training that highlights the limitations and protections on the query and use of LPR data to promote privacy and civil liberties.

Benefits and Risks of Using LPR Data

DHS defines Personally Identifiable Information (PII) as any information that permits the identity of an individual to be directly or indirectly inferred, including any information that is linked or linkable to that individual, regardless of whether the individual is a U.S. citizen, lawful permanent resident, visitor to the United States, employee, or contractor to the Department.[4] The use of LPR data stored in a commercial database involves PII because the license plate information is linkable to an individual.

ICE has identified a number of benefits from the use of commercial LPR data in its mission activities. Knowing the previous location(s) of a vehicle can help determine the whereabouts of subjects of criminal investigations or priority aliens to facilitate their interdiction and removal. In some cases, when other leads have gone cold, the availability of commercial LPR data may be the only viable way to find a subject. This LPR data can also show the previous movements of a subject, which may help ICE law enforcement personnel plan to apprehend a subject in a safe manner that is not near sensitive locations, such as schools. This enhances the safety of the public as well as the officers involved in questioning or detaining an individual. Commercial LPR data also allows ICE to identify connections between a car and an address known for criminal activity, which may help identify individuals involved in that activity and lead to the successful conclusion of an investigation.

The availability of an "alert list" feature in the vendor software, also known as a "hot list," by which ICE personnel can be notified shortly after a vehicle of interest is located, may help to bring about the successful and speedy conclusion of an enforcement action or investigation. ICE will only receive information in near real-time from the commercial vendor if an ICE officer adds a license plate to the "alert list."

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[4] DHS Policy Regarding Collection, Use, Retention, and Dissemination of Information on Non-U.S. Persons, Jan. 7, 2009 (as amended), *available at* http://www.dhs.gov/xlibrary/assets/privacy/privacy_policyguide_2007-1.pdf.

The purpose of acquiring query access to commercial LPR data is not to use it in every case; in some cases no license plate information will be available to investigators to query and in other cases it may not be needed. Commercial LPR data will be used, however, when the status of an investigation or enforcement action warrants, typically when the current or past location of the subject or a vehicle is of particular interest in the case. For example, commercial LPR data is particularly useful in enforcement cases in which ICE is attempting to locate aliens who fall within ICE's stated enforcement priorities, such as criminal aliens, so ICE can arrest them and place them into removal proceedings. It is also particularly useful in the search for wanted fugitives and in certain types of criminal cases in which the specific movements of a target(s) may reveal helpful information about criminal activity, such as the movement of smuggled goods or meetings among suspects. In some cases, determining the current or past location of a vehicle may provide a useful lead that can help bring about the conclusion of a case.

This PIA is intended to establish the parameters of ICE's use of LPR data acquired from a commercial source. ICE recognizes that there are potential privacy risks and impacts on individual rights associated with the collection, use, and retention of LPR data. These include:

(1) LPR data in the aggregate may detail an individual's travel over time, leading to concerns about unwarranted surveillance.

(2) LPR data in the aggregate may provide details about an individual's private life, such as frequenting a place of worship or participating in protests and meetings, thereby implicating constitutionally-protected freedoms.

(3) A license plate image or read may be incomplete or inaccurate, because the license plate is bent, dirty, or damaged, or because the software or individual reading the numbers makes an error. This can result in the misidentification of a vehicle and its occupants.[5]

(4) LPR data may accurately identify the location of a vehicle, but it may not accurately identify the whereabouts of the person that ICE is seeking.

(5) LPR data may be accessed routinely, even when it is not needed.

(6) LPR data may be retained for periods longer than necessary for operational purposes.

(7) LPR data may be inappropriately shared with other agencies or private entities.

(8) New privacy risks and impacts on individual rights may arise as technological

[5] A recent case in California demonstrates that this concern is not just theoretical. *See* Green v. City of San Francisco, 751 F.3d 1039 (9th Cir. May 12, 2014).

advances create additional capabilities for LPR data collection and analysis.

ICE also recognizes, however, that there are clear benefits from the use of LPR data to both the ICE mission and the responsibilities of DHS overall. DHS privacy policies require that ICE assess the privacy risks in connection with the use of LPR technology and data, and follow the DHS Fair Information Practice Principles to the extent possible. DHS civil liberties policies support the evaluation of the risks to individual rights and liberties as a result of the use of LPR technology. These privacy and civil liberties risks and mitigating factors are discussed in detail below. DHS and ICE are committed to safeguarding PII, upholding civil liberties, and reducing potential risks posed by this technology.

Potential Impacts and Mitigating Safeguards

Data regarding a vehicle's location—particularly when collected over an extended period of time and retained—could potentially reveal additional information about an individual that is not necessarily used for a specific law enforcement activity or is sensitive because it reveals activities that might be constitutionally protected or that raise no law enforcement concerns.

Due to the growth in the availability of LPR data[6] and the potentially sensitive information it can reveal, ICE intends to implement a framework that will mitigate privacy and civil liberties concerns raised by the commercial acquisition and ICE's use, storage, and maintenance of LPR data. The requirements of the framework will be incorporated into any solicitation that ICE may issue for the acquisition of commercial LPR information, and will be documented in appropriate ICE policies. This framework will encompass:

1. Training – ICE will require all ICE personnel who are permitted to access LPR data via commercial subscription to first be trained on the nondiscriminatory use of the commercial system containing the LPR data and the agency's rules for acquiring and using the data, as described in this PIA. The vendor will be required to support the comparison of user lists against training records to ensure the training requirement is met for all users.

2. Specified Purpose – When logging into any commercial system that contains LPR data, ICE users will see a splash screen that describes the permissible uses of the system and requires a user to consent affirmatively to conduct only searches consistent with those uses. Among other rules for access, ICE personnel will be put on notice that an LPR read may not be the sole basis upon which an enforcement action is taken.

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[6] One vendor estimates that it adds 70 million new license plates per month from private sources.

3. Timeframe for Query of Historical LPR Data – The privacy and civil liberties concerns associated with the retention of LPR data are exacerbated the longer the data is held by the vendor and made accessible for query. Operational necessity may require ICE to access information sufficient to establish patterns of criminal activity over time as part of an ongoing criminal investigation, or to identify the movement or location of priority aliens or known associates. The LPR framework will address timeframes for access to historical LPR records for both ERO and HSI, which require the data for different reasons and therefore need to query historical LPR data for different timeframes. For HSI criminal investigations, the limits on the authority to query historical LPR data held in the vendor database will be based on the applicable statute of limitations for the underlying crime that serves as the basis for the query. For ICE administrative investigations or enforcement actions conducted by ERO or HSI, the limit will be five years. ICE policy will allow exceptions to these time limitations if approved by a supervisor. ICE intends to require the selected commercial vendor to incorporate these use-based limitations into the query interface in the vendor system.

4. Use of an Alert List – ICE intends to require that the vendor provide the capability to store license plate queries in the form of an "alert list," whereby any new read of a plate on the alert list will result in notification to the ICE law enforcement officer who added it. This capability will assist in the identification of a vehicle's location in near real-time, which will contribute to law enforcement efforts to apprehend individuals whose location may be connected to the vehicle's location. While automatic notification that an individual subject is on the move could raise privacy and civil liberties concerns, such notification also serves an important law enforcement interest. To help reduce the potential intrusiveness of this technique, ICE policy will require that alert lists be updated once the enforcement matter is resolved, or the individual is no longer a subject of interest. Users will also receive training on the importance of promptly removing license plate numbers from alert lists to avoid gathering LPR data without adequate justification. The training will also encourage ICE personnel to reexamine their entire alert list on a regular basis, but at least annually.

5. Audit – ICE will require the vendor to provide for an audit trail of each query that is made, by whom it is made, and for what purpose. Specifically, the audit logs must capture the identity of the user initiating the query, the person for whom the query is initiated if different from the user, the license plate number used to query the LPR system, the date and time of the inquiry, the results of the user's query, the case or investigation number associated with the query, and the reasons for executing the

query. The audit trail should be generated electronically and will need to be available to and reviewed by ICE supervisory personnel quarterly or more frequently to ensure that the data is being used appropriately. In the event these requirements are cost prohibitive, ICE will work with the vendor to obtain information to establish a comparable in-house audit capability.

6. Accountability – ERO and HSI managers will be held accountable for ensuring that personnel with access to commercial LPR data sets are properly trained and use LPR data appropriately. Periodic reviews of audit logs will confirm this is occurring. The ICE Office of Professional Responsibility will investigate any anomalous activity uncovered in the audit logs and ICE management will impose appropriate disciplinary action.

Individual Rights and Liberties

ICE, in coordination with the DHS Chief Privacy Officer and the DHS Officer for Civil Rights and Civil Liberties, has included in this PIA a discussion of civil liberties issues raised by the use of LPRs to more completely address public concerns regarding the use of this technology. The inclusion of an individual rights and liberties discussion in this PIA will improve transparency and assist the public understanding of ICE's use of LPR technology.

In addition to the above framework of privacy and civil liberties protections, existing DHS policies will foster the proper use of LPR data. DHS prohibits the consideration of race or ethnicity in investigation, screening, and law enforcement activities in all but the most exceptional instances. Accordingly, consistent with law and DHS policy, LPR data may not be collected, accessed, used, or retained to target or monitor an individual solely on the basis of actual or perceived race, ethnicity, or nationality. The following is the Department's official policy[7] on this issue:

> "Racial profiling" is the invidious use of race or ethnicity as a criterion in conducting stops, searches, and other law enforcement, investigation, or screening activities. It is premised on the erroneous assumption that any particular individual of one race or ethnicity is more likely to engage in misconduct than any particular individual of another race or ethnicity. The Department of Homeland Security (DHS) has explicitly adopted the Department of Justice's "Guidance Regarding the Use of Race by Federal Law Enforcement Agencies," issued in

[7] Janet Napolitano, "The Department of Homeland Security's Commitment to Nondiscriminatory Law Enforcement and Screening Activities" (Apr. 26, 2013).

> June 2003. It is the policy of DHS to prohibit the consideration of race or ethnicity in our daily law enforcement and screening activities in all but the most exceptional instances, as defined in the DOJ Guidance. DHS personnel may use race or ethnicity only when a compelling governmental interest is present, and only in a way narrowly tailored to meet that compelling interest. Of course, race- or ethnicity-based information that is specific to particular suspects or incidents, or ongoing criminal activities, schemes or enterprises, may be considered, as stated in the DOJ Guidance.
>
> Except as noted below, it is DHS policy, although not required by the Constitution, that tools, policies, directives, and rules in law enforcement and security settings that consider, as an investigative or screening criterion, an individual's simple connection to a particular country, by birth or citizenship, should be reserved for situations in which such consideration is based on an assessment of intelligence and risk, and in which alternatives do not meet security needs, and such consideration should remain in place only as long as necessary. These self-imposed limits, however, do not apply to antiterrorism, immigration, or customs activities in which nationality is expressly relevant to the administration or enforcement of a statute, regulation, or executive order, or in individualized discretionary use of nationality as a screening, investigation, or enforcement factor.

ICE has adopted this policy and includes it in all manuals, policies, directives, and guidelines regarding any activity in which the use of race, ethnicity, or nationality may arise as a security screening, law enforcement, or investigative criterion. ICE personnel are trained on the policy.

Additionally, LPR data will only be collected and used in accordance with ICE Policy 10029.2 and future DHS and ICE policies governing enforcement actions at or focused on sensitive locations.[8] This policy is designed to ensure that enforcement actions do not occur at nor focus on sensitive locations such as schools and churches and public meeting spaces unless exigent circumstances exist, other law enforcement actions have led officers to a sensitive location, or prior approval is obtained. The policy is also meant to ensure that ICE officers and agents exercise sound judgment when enforcing federal law at or focused on sensitive locations and make substantial efforts to avoid unnecessarily alarming local communities. LPR data could support this policy by identifying alternate locations for arrest. The policy and other controls

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[8] *See* ICE Policy No. 10029.2, Enforcement Actions at or Focused on Sensitive Locations (Oct. 24, 2011), *available at* http://www.ice.gov/doclib/ero-outreach/pdf/10029.2-policy.pdf.

will likewise help ensure that the use of LPR data does not have a chilling effect on free speech and association.

Finally, ICE will adhere to its investigatory policies and procedures, and to the greatest extent possible, verify the accuracy of vehicle information and any subsequent information obtained from other sources as a result of the LPR data. When LPR data is obtained during the course of an investigation or enforcement matter, ICE personnel will take into account the quality, integrity, and age of a given LPR record in assessing its value and use as an investigative lead. This requires human evaluation and verification to determine the relevance of LPR data to an active investigation or other authorized law enforcement or homeland security efforts. This also includes visually confirming that the plate characters generated by LPR correspond with the digital image of the license plate in question.

Fair Information Practice Principles (FIPPs)

The Privacy Act of 1974 articulates concepts of how the Federal Government should treat individuals and their information and imposes duties upon federal agencies regarding the collection, use, dissemination, and maintenance of PII. The Homeland Security Act of 2002 Section 222(2) states that the Chief Privacy Officer shall assure that information is handled in full compliance with the fair information practices as set out in the Privacy Act of 1974.

In response to this obligation, the DHS Privacy Office developed a set of Fair Information Practice Principles (FIPPs) from the underlying concepts of the Privacy Act to encompass the full breadth and diversity of the information and interactions of DHS. The FIPPs account for the nature and purpose of the information being collected in relation to DHS's mission to preserve, protect, and secure.

DHS conducts Privacy Impact Assessments on both programs and information technology systems, pursuant to the E-Government Act of 2002 Section 208 and the Homeland Security Act of 2002 Section 222. As part of its law enforcement program, ICE uses LPR technology to conduct criminal investigations and civil immigration enforcement actions. As such, this PIA examines the privacy impact of LPR technology operations within the construct of the FIPPs.

1. Principle of Transparency

Principle: *DHS should be transparent and provide notice to the individual regarding its collection, use, dissemination, and maintenance of PII. Technologies or systems using PII must be described in a SORN and PIA, as appropriate. There should be no system the existence of which is a secret.*

Privacy risk: There is a risk that individuals will not have adequate or meaningful notice that their license plate information will be collected by commercial license plate vendor services and shared with ICE.

Management strategy: ICE is providing detailed notice to the public about the LPR data it collects from commercial data sources primarily through the publication of this PIA and through the publication of an updated PIA before ICE begins using this enterprise-wide solution. ICE Privacy Act System of Record Notices (SORN) provide public notice of broad categories of information that ICE collects in connection with its mission-related activities. To the extent that LPR data is linked to an individual, it is encompassed in these broad categories of information.[9] In addition, the description of the commercial LPR data services ICE wishes to acquire will be published in appropriate federal procurement portals, such as FedBizOps, as required by law.

LPR data obtained in support of an ERO investigation or operation seeking to apprehend a priority alien for removal will be filed in recordkeeping systems, specifically the Enforcement Integrated Database, covered by the Immigration and Enforcement Operational Records (ENFORCE) SORN.[10] The ENFORCE SORN alerts the public that ICE collects "biographic, descriptive, historical and other identifying data" as well as "travel and other information." The SORN states that this information is gathered in support of "the identification and arrest of individuals who commit violations of Federal criminal laws enforced by DHS" and "the identification, apprehension and removal of individuals unlawfully entering or present in the United States in violation of the Immigration and Nationality Act, including fugitive aliens." The SORN also notifies the public that data is obtained from commercial and public sources, among other sources.

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[9] As noted elsewhere in this PIA, ICE law enforcement personnel incorporate LPR data into existing agency law enforcement recordkeeping systems when such data is deemed relevant to ongoing criminal investigations or civil enforcement actions, such as immigration matters. Once incorporated into these recordkeeping systems, the data is covered by the SORNs applicable to those recordkeeping systems as described above. ICE SORNs can be found here: http://www.dhs.gov/system-records-notices-sorns.

[10] *See* DHS/ICE-011 Immigration and Enforcement Operational Records System (ENFORCE), 80 FR 11214 (Mar. 2, 2015).

LPR data obtained by HSI in support of an ongoing criminal investigation or investigation seeking to identify and arrest a priority alien who is amenable to removal from the United States, will be filed in HSI's case management system, which is covered by the External Investigations SORN.[11] That SORN notifies the public that records collected on subjects of investigations include "[l]icense information for owners and operators of vehicles" as well as "registration and license data," and "any other evidence in any form, including papers, photographs, electronic recordings, electronic data or video records that was obtained, seized, or otherwise lawfully acquired from any source during the course of the investigation." The SORN also notifies the public that data is obtained from commercial data aggregators, among other sources.

2. Principle of Individual Participation

Principle: *DHS should involve the individual in the process of using PII. DHS should, to the extent practical, seek individual consent for the collection, use, dissemination, and maintenance of PII and should provide mechanisms for appropriate access, correction, and redress regarding DHS's use of PII.*

Privacy risk: Individuals are unable to consent to the retention and use of their license plate data in a commercial database.

Management strategy: The existence of LPR cameras and the fact that commercial entities can record license plate numbers for law enforcement use is a matter that is the subject of increased attention in the media and elsewhere. Many areas of both public and private property have signage that alerts individuals that the area is under surveillance.

Allowing a fugitive or criminal alien, or an associated individual, to be involved in whether his or her LPR information should be accessed, collected, queried, or retained from a commercially-owned repository of LPR data would significantly interfere with and undermine ICE's law enforcement mission. For this reason, ICE does not seek consent for the collection or use of LPR data. As a general matter, ICE law enforcement records are exempt from the Privacy Act requirement that individual notice be provided for the collection of information.

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[11] *See* DHS/ICE-009 External Investigations, 75 FR 404 (Jan. 5, 2010).

3. Principle of Purpose Specification

Principle: *DHS should specifically articulate the authority which permits the collection of PII and specifically articulate the purpose or purposes for which the PII is intended to be used.*

LPR data may be accessed and retained by ICE when necessary to carry out its law enforcement missions under numerous authorities, including the Immigration and Nationality Act, various criminal and civil provisions in Titles 18, 19, 21, and 31 of the United States Code, and associated DHS regulations. ERO will use this technology and data in a manner consistent with its immigration enforcement priorities, which at the present time include criminal aliens, fugitive aliens, illegal re-entrants, and those individuals posing a public safety or national security risk. ERO as well as HSI, to the extent HSI is engaged in immigration enforcement activities, will only collect, use, and retain LPR data in furtherance of open cases, investigations, or ongoing enforcement actions and only when necessary based on a law enforcement need.

HSI will use commercial LPR data to identify leads for its ongoing criminal and civil investigations. HSI investigates a wide range of domestic and international activities arising from the illegal movement of people and goods into, within, and out of the United States, such as: immigration crime, human rights violations, and human smuggling; smuggling of narcotics, weapons, and other types of contraband; and financial crimes, cybercrime, and export enforcement issues. HSI may query a commercial LPR database to identify the location and movements of investigative targets and associates in connection with its law enforcement activities. It may also use this data to track vehicles suspected of carrying contraband, such as smuggled goods. LPR data may be used to identify individuals suspected of involvement in illegal activity during the course of criminal investigations (surveillance use), and to locate wanted individuals and immigration targets, such as at-large criminal aliens, re-entry criminal targets, and immigration fugitives. The LPR data will be used in conjunction with other information to develop leads to further the investigation, including identifying new suspects and eliminating others from further consideration. This data will not be used as the sole basis upon which enforcement actions are taken.

4. Principle of Data Minimization

Principle: *DHS should only collect PII that is directly relevant and necessary to accomplish the specified purpose(s) and only retain PII for as long as is necessary to fulfill the specified purpose(s). PII should be disposed of in accordance with DHS records disposition schedules as approved by the National Archives and Records Administration (NARA).*

Privacy Risk: There is a risk that without appropriate controls and oversight, LPR data may be accessed routinely, even when it is not needed.

Management Strategy: This risk can be managed by preventing overcollection and retention of the information. ICE will implement internal policies and training emphasizing the requirement to query and use LPR data only when in support of a criminal investigation or to locate a priority alien. Audit trails will capture sufficient usage data to allow the identification of ICE personnel who do not comply with these policies. ICE employees will be required to review and validate each item on an alert list at least yearly; however, employees will be required to update the alert lists as needed when cases are resolved or when the location of a given vehicle is no longer of investigative value. The fact that ICE personnel will have to associate queries with cases or investigations in order to perform the queries will provide an enforcement mechanism for these requirements.

In addition, to ensure that LPR information is appropriately accessed, ICE will require that the vendor interface capture information about the query of a license plate number and link it to a specific ICE enforcement matter. The primary goal of maintaining audit logs is to deter and discover any abuse or misuse of LPR technology or data. Any abuse or misuse of LPR technology or data will be reported and subject to disciplinary action, as appropriate.

Privacy Risk: Due to the availability of historical data in the commercial vendor databases, there is a risk that ICE may receive inaccurate, untimely, or irrelevant LPR data that is not consistent with the purpose for which the data is sought.

Management Strategy: ICE will impose limits on the time frame of an historical search of LPR data either by policy or by a limitation built into the vendor's query system. For HSI queries, the time limits will be tied to the statute of limitations applicable to the case giving rise to the LPR data. For ERO queries pertaining to a civil enforcement (immigration) matter, the time limits will be based on the average length of time for vehicle ownership, which is reported to be approximately five years.[12] The purpose of these limits is to allow ICE personnel seeking

[12] *See* Polk View (now IHS Automotive) auto industry marketing and forecasting (2012), *available at* http://www.autonews.com/assets/PDF/CA78146220.PDF (last retrieved on March 18, 2015).

to conduct a criminal investigation or locate a priority alien access to sufficient historical data to identify potentially viable leads, but not so long as to result in the unnecessary or excessive acquisition of information. In any event, ICE will not retain in its records the results of its queries of commercial databases unless the information is determined to be useful in connection with its legitimate law enforcement activities. These limitations and requirements will help to ensure ICE's access to and retention of LPR data are compatible with the purpose for which the data is sought and to minimize the risk of an over-collection of this data.

Privacy Risk: Without proper controls in place, LPR data may be retained longer than necessary for operational purposes.

Management Strategy: ICE policy will require that only LPR data that is considered relevant or useful to the investigation or law enforcement activity underway will be retained in ICE recordkeeping systems.[13] ICE personnel who have access to commercial LPR data will be trained on this requirement. The ICE law enforcement officer conducting the query will retain the subset of results he or she decides are relevant in the appropriate ICE investigative or immigration case file for the length of time prescribed by the applicable records schedule for that file. The full query results will be retained (i.e., saved) only for audit purposes and only in the vendor's IT system. Once the LPR data is incorporated into the ICE case file, it and other case file data may be queried and analyzed in other ICE systems established to perform analysis in order to generate additional investigative leads, such as locating targets and linking cases using location information. Retention of data in ICE criminal investigative files is governed by NARA-approved retention schedules, which provide for investigative case files to be retained for at least 20 years and sometimes longer depending on the nature of the case. Immigration enforcement case files are retained in the Enforcement Integrated Database for 75 years.

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[13] Examples of such cases are those in which the location of specific vehicles or targets/associates suspected of operating those vehicles may be useful to bringing a law enforcement matter to a conclusion (e.g., closure of a criminal case, arrest of a priority alien).

5. Principle of Use Limitation

Principle: *DHS should use PII solely for the purpose(s) specified in the notice. Sharing PII outside the Department should be for a purpose compatible with the purpose for which the PII was collected.*

Privacy Risk: LPR data in the aggregate may detail an individual's travel over time, leading to concerns about unreasonable surveillance.

Management Strategy: As a matter of policy, and as reflected in this PIA and in the applicable Privacy Act SORNs that describe ICE's purposes for collecting data, ICE only retains license plate data linked or connected to a person of law enforcement interest or connected to a criminal activity.

ICE only shares information with agencies outside of DHS consistent with the Privacy Act, the routine uses it has published in the relevant SORNs (External Investigations and ENFORCE), and pursuant to information sharing agreements that specify permissible uses of the data. ICE intends that the selected commercial vendor will construct an interface that will list ICE personnel rules for accessing the LPR database and ensure that an audit trail of queries is created. Part of this interface will be a banner or splash screen that ICE personnel see and must agree to each time they log into the system. The banner will specify various rules, including the permissible uses of the LPR data, a notice that no action can be taken solely on the basis of a query result, and that ICE's policy regarding sensitive locations may limit enforcement action when a read includes enough of the surrounding environment to raise concerns in this regard. In addition, ICE will contractually prohibit the vendor from using ICE's queries (the license plate numbers input into the system) for its commercial purposes.

6. Principle of Data Quality and Integrity

Principle: *DHS should, to the extent practical, ensure that PII is accurate, relevant, timely, and complete, within the context of each use of the PII.*

Privacy Risk: A license plate read sent to ICE may be incomplete or inaccurate because the license plate is bent, dirty, or damaged, or because the individual reading the numbers makes an error. This can result in the misidentification of a vehicle and its occupants.[14]

Management Strategy: ICE intends to use the services of a commercial vendor of LPR data that meets a high degree of accuracy in the dataset. Errors due to poor optical character

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[14] *See* Green v. City of San Francisco, 751 F.3d 1039 (9th Cir. May 12, 2014).

recognition (OCR) of the photographed license plate number can result in mismatches between the license plate number queried and the results returned by the system. Data errors of this sort not only present risks to individual privacy, but also can waste ICE resources and delay the resolution of investigations or the apprehension of subjects. To reduce the risk that these errors will escape detection, ICE will require the vendor system to display in the results the actual picture of the license plate, so ICE users can visually verify if it is an accurate match. Use of the selected vendor's system over time will enable ICE to identify any significant issues with the system's OCR capabilities and unacceptably high error rates. At the outset, however, ICE will specify the OCR used by the vendor must meet a certain accuracy rate.

In addition, ICE personnel's ability to visually confirm a match will mitigate the risk that ICE will rely on erroneous vehicle location data in an enforcement matter. Another mitigating factor is that ICE personnel will be prohibited by policy from taking enforcement action predicated solely on LPR data. In any investigative matter, ICE personnel recognize that it is imperative that no action be taken unless the data is accurate, relevant, timely, and complete, to the extent possible. Checks of other databases will be performed to ensure that any action taken is based on the most current information available about the vehicle, location, and subject of the case. The potential for disciplinary action as well as legal liability will serve as an incentive to ensure that LPR information used during enforcement matters is accurate. Training will emphasize these requirements.

7. Principle of Security

Principle: *DHS should protect PII (in all forms) through appropriate security safeguards against risks such as loss, unauthorized access or use, destruction, modification, or unintended or inappropriate disclosure.*

Privacy Risk: LPR information collected by ICE from a commercial vendor may be inappropriately accessed or disseminated.

Management Strategy: One method for securing LPR data against unauthorized access or use is to limit the number of individuals who can access LPR databases, and ICE intends to ensure that only those who need LPR data for their mission-related purposes are able to query the commercial data source. Once an authorized query occurs, the LPR data deemed relevant to the case will be added to a case file in a record system (electronic or paper) that is secure.

The vendor will be required to maintain an immutable log of queries of the LPR data, and this log will be reviewed quarterly or more frequently by ICE supervisory personnel to ensure that LPR data has been accessed for authorized purposes only. Anomalies in the audit trail that reveal inappropriate activity will be referred to the ICE Office of Professional Responsibility for further action. ICE will ensure through contract requirements that any vendor supplying LPR

data to ICE employ data security technologies comparable to those required of ICE systems in order to protect the integrity of its data from hacking and other risks.

8. Principle of Accountability and Auditing

Principle: *DHS should be accountable for complying with these principles, providing training to all employees and contractors who use PII, and should audit the actual use of PII to demonstrate compliance with these principles and all applicable privacy protection requirements.*

Privacy Risk: Commercial data is not subject to internal DHS auditing and accountability controls; therefore, there is a risk that these controls may not occur or be as robust as they would be if the system were internal to DHS.

Management Strategy:

Auditing

By contract, ICE will require the vendor to maintain robust audit trails and make them available to ICE for review. ICE will ensure that the commercial vendor records all transactions and queries of LPR data in immutable audit logs at the individual authorized-user level and that these logs are subject to review at any time. Specifically, system audit logs must capture the identity of the user initiating the query, the person for whom the query is initiated if different than the user, the license plate number used to query the LPR system, the date and time of the inquiry, the results of the user's query, the case or investigation number associated with the query, and the reasons for executing the query. In addition, the vendor interface will help capture information about the query of a license plate number that will link it to a specific ICE enforcement matter. This data will also be captured, thereby enhancing the usefulness of the audit trail data. If such functionality is not available, a local audit log will be kept by the ICE field office. Any vendor that supplies LPR data to ICE will need to demonstrate the capability to produce this log. The vendor will only be permitted to use the queries submitted by ICE to maintain the audit log. The primary goal of maintaining audit logs is to deter and discover any abuse or misuse of LPR technology or data. Any abuse or misuse of LPR technology or data will be reported and subject to disciplinary action, as appropriate.

Training

Before being granted access to a vendor's LPR data, authorized ICE users, contractors, and other law enforcement personnel must complete training that describes all of the above policy requirements and associated privacy, civil rights, and civil liberties safeguards. This will supplement existing mandatory training required of all ICE personnel on data security, data privacy, integrity awareness, and records management.

Conclusion

To carry out its mission effectively, ICE personnel need to be able to use multiple data sources. When there is an investigative need, commercial LPR data provides a useful piece of information to help locate the subjects of enforcement actions and investigations. ICE is mindful of the privacy and civil liberties implications of accessing commercial LPR data and intends to build constraints into any solicitation for LPR data services that will allow the use of this tool in ways that mitigate the privacy and civil liberties concerns. A significant mitigation is that ICE does not intend to create its own database of commercial LPR information but will only acquire data when there is a need for it to carry out its work. A further mitigation is that ICE will create a framework to guide its commercial LPR data acquisition that reflects policy constraints while permitting appropriate operational use of this tool.

Responsible Official

Daniel H. Ragsdale
Deputy Director
Immigration and Customs Enforcement

Approval Signature

Original signed and on file with the DHS Privacy Office.

_____

Karen L. Neuman
Chief Privacy Officer
Department of Homeland Security

ENTERPRISE LICENSE PLATE RECOGNITION (LPR) PROGRAM

This letter serves as notice that a commercial or non-law enforcement entity within or around your jurisdiction will be deploying license plate recognition technology. Part of that deployment allows them to share their LPR generated data directly with local law enforcement agencies in real time. This locally generated data can trigger alerts to your agency from federal, state/local and individual hot lists. These hot lists contain wanted vehicles and monitored persons (probationers, terriorists, gang members, sex offenders). Additionally the historical database allows your agency to query the data generated from this program when needed. As this program was acquired and deployed by the commercial or non-law enforcement entity, there is absolutely zero cost to your agency; similar to other programs that you may currently utilize (alarm notification, LoJack, On-Star, etc.).

Training for local law enforcement on how to use the database has been scheduled for **September 26th** and is listed at the link below or may be viewed at www.vslea.org. The duration of the training is 4 hours and will cover how to responsibly utilize the LPR technology. To register for the training either click the link below or type registration link into the address bar of your internet browser. Once the registration is processed you will be emailed additional information regarding the program. This information will contain details on what the agency needs to successfully access the LPR data. Even though access to the data is free, there are administrative forms that will need to be signed prior to activating the account. It is recommended that the agency receive the NCIC LPR list prior to attending training as well. For any information regarding this program feel free to contact me at the email or phone number listed below.

If you are a current LEARN subscriber this data will simply be added to your current LPR data pool after completing the required share request form. You are welcome to attend the training as you may also serve as a resource to other agencies who will be accessing the same data.

Topics Covered During Training:

- LPR Technology Overview
- Legal Aspects (abbreviated)
- Agency Management (create user accounts, etc.)
- How to Use Alerting
- Investigative and Analytical Tools (Basic User)
- Investigative Resources

Natick Police Department
20 E Central Street,
Natick MA 01760
September 26, 2019 0800-1200

REGISTER

Or

Copy and paste into browser: https://vslea.org/EBForms.aspx?EBID=707

KYLE HOERTSCH
Director, Public Safety Client Relations
Sergeant, Sacramento Sheriff (Ret.)
916-606-0450
Kyle.Hoertsch@vigilantSolutions.com

COMFORT SYSTEMS USA
BCM Controls Corporation
30 Commerce Way, Massachusetts 01801
Phone: 781-933-8878 Fax: 781-932-3856

BCM PROPOSAL

Date:	2/14/2019
Reference:	Camera Components
BCM Project #:	
Customer Project #:	
Project Name:	MSP Tech Services Unit
Submitted By:	Bob Fecteau
Copy To:	Brian Egnitz

Proposal To:

Lt. Dave Crouse
Massachusetts State Police
59 Buena Vista Street
Devens, MA 01434

Provide Fifteen (15) Covert Pole Camera Kits Each Consisting of the Following: Camera enclosure (w/painted interior & top mounting plate), 720p Pan/Tilt/Zoom camera, DIN-Rail mount power supply, cellular router, VMS camera license, and analytics license.
Covert Camera Unit Price: **$4,510/ea**.

Provide Twenty Five (25) Overt Camera Kits Each Consisting of the Following: IR-Equipped HD Pan/Tilt/Zoom camera, camera mount, pole adapter, 256GB SDXC card, wireless transmission radio and radio antenna.
Overt Camera Unit Price: **$4,740/ea.**

Provide Two (2) Enhanced Overt Camera Kits Each Consisting of the Following: IR-Equipped HD Pan/Tilt/Zoom camera, multi-lens 360° camera, PoE midspan injector, camera mount, pole adapter, 256GB SDXC card, wireless transmission radio and radio antenna.
Enhanced Overt Camera Unit Price: **$5,300/ea.**

Assumptions/Clarifications:

- Pricing offered is FOB: Delivered,
- Pricing & Warranty Offered Per MA State Contract: FAC64
- Covert kit pricing includes cellular router configured for use on Verizon networks, but excludes Verizon service & fees,

Item	Price
	$196,750.00
SalesTax/Ship:	
Total Price:	**$196,750.00**

above scope for the sum of:

One Hundred Ninety Six Thousand Seven Hundred Fifty Dollars and Zero Cents

Proposal Type: ○ T & M ○ T & M not to exceed ◉ Fixed Price

Terms: ◉ Net 30 Days ○ Existing contract format

This Proposal is valid for: ◉ 30 Days ○ 60 Days ○ 90 Days

All materials are of the description specified. Work will be performed in accord with standard practice. Any change is subject to material agreement, and in the event of such change, an equitable adjustment will be made in price. Not responsible for any cause or condition beyond our control. Purchaser responsible for all necessary insurance. Payment will be made to BCM Controls according to payment terms above. The extension of credit is subject to approval.

The above proposal is accepted and you are authorized to proceed for the sum indicated in this proposal

Date of Acceptance _____ Accepted By: _____
Purchase order # _____ Printed Name: _____

Department of State Police
General Order

Effective Date	Number
September XX, 2019	**TRF-11**

Subject

Automatic License Plate Recognition

Purpose

The purpose of this policy is to establish guidelines and procedures for the proper use and application of the Automatic License Plate Recognition (ALPR) System within the Department of State Police (Department). Additionally, it is the purpose of this policy to provide Department personnel with guidelines and principles for the collection, access, use, dissemination, and retention of ALPR information to ensure that the information is used for legitimate law enforcement purposes only and the privacy, civil rights, and civil liberties of individuals are not violated.

Policy

The availability and use of the ALPR System provides opportunities for the enhancement of law enforcement agencies' productivity, effectiveness, and protection of public and officer safety.

The Department shall only utilize the technology in furtherance of official and legitimate law enforcement operations and public safety. All Department Employees shall abide by the guidelines set forth herein when using the ALPR System.

Definitions and Acronyms

Automatic License Plate Recognition (ALPR): Automatic license plate recognition technology uses high-speed cameras combined with sophisticated computer algorithms capable of converting the images of license plates to electronically readable data. The ALPR System captures an image of a license plate and converts it to a text file using Optical Character Recognition (OCR) technology. The technology also compares the digital images of license plates to the CJIS-NCIC Hot file database. The ALPR System is configured as either fixed, mobile, or portable.

Alert: A visual and/or auditory notice that is triggered when the ALPR System receives a potential hit on a license plate.

Alert Data: Information captured by an ALPR relating to a license plate that matches the license plate on a hot list.

ALPR Data: Scan files, alert data, and any other documents or data generated by, or obtained through, utilization of the ALPR System.

ALPR Data Query Logs: A record of a search or query of ALPR data.

Continued next page.

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Definitions and Acronyms (Continued)

Hit: An alert that a license plate matches a record maintained in the ALPR database related to stolen vehicles, wanted vehicles, or other alert type files that support investigation or which have been manually registered by a user for further investigation.

Hot List: License plate numbers of vehicles of interest, such as stolen vehicles, unregistered vehicles, vehicles owned by persons of interest, and vehicles associated with AMBER Alerts, Missing Child Alerts, Missing College Student Bulletins, Silver Alerts, Incapacitated or Endangered Persons, Be On Look Out (BOLO), Attempt To Locate (ATL), and Wanted or Missing Person broadcasts or bulletins in which a license plate number is included, or other license plate numbers of interest entered by the Department or an authorized officer.

Hot List Download: The method by which the hot list data is transferred to a computer within a law enforcement vehicle.

Optical Character Recognition (OCR): The technology that supports the automated reading and digitizing of images of license plates that are captured by the ALPR System.

Authorized Uses

The provisions of this policy are provided to support authorized uses of ALPR information. Authorized uses may include, but are not limited to, the following:

- Investigation and prosecution of suspected criminal (including terrorist) incidents; the resulting justice system response; the enforcement of sanctions, orders, or sentences; or the prevention of crime;
- Enhance Department's AMBER/SILVER or other law enforcement alerts and real-time response capability by deploying and networking ALPRs across the state to more rapidly identify and locate vehicles related to potential child-abduction or other serious crimes;
- Alert law enforcement that a particular license plate on a "hot list" (e.g., a stolen vehicle or a vehicle associated with a wanted individual) is in close proximity to an ALPR to dramatically reduce the recovery time of stolen vehicles and assist in locating dangerous and wanted individuals;
- Identify plates associated with potential witnesses and/or victims of crime;
- Support the Department's homeland security mission by protecting critical infrastructure from individuals who intend to damage or disrupt the systems and locations that allow for travel and the free flow of commerce;
- Identify vehicles linked to stolen license plates or other motor vehicle traffic violations;

Continued next page.

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Authorized Uses (Continued)

- Provide situational awareness for law enforcement related to public safety or otherwise relevant to their authorized duties;
- Support local, state, federal, and tribal public safety departments in the identification of subjects associated with/as targets of criminal investigations;
- Support law enforcement response to critical incident responses and special events;
- Support special operations, such as high-crime-area patrols, gang investigation/suppression, operating under the influence initiatives, enforcement details, directed criminal investigations, and other investigations; and
- Support emergency and public safety situations including, but not limited to terrorist threats, kidnappings, missing persons, and felons actively traveling to or from a crime scene.

ALPR Administrator

The Division Commander of Field Services (DFS) shall:

- Designate a Commissioned Officer as the ALPR Administrator;
- Ensure the ALPR Administrator has oversight for the ALPR System deployment, operations, and maintenance.

The ALPR Administrator shall be responsible for the following:

- Ensuring the proper selection of the personnel approved to operate the ALPR System and maintaining an adequate number of trained and authorized users;
- Authorizing any requests for ALPR System use or data access according to Department policy;
- Coordinate with Division of Investigative Services (DIS) and Division of Homeland Security (DHS) to ensure resources are available and deployed to meet Department investigative needs;
- Ensuring that designated, trained personnel check equipment on a regular basis to ensure functionality, camera alignment, and removing from service any equipment that falls outside expected functionality until deficiencies are corrected.

The ALPR Administrator shall:

- Designate users who have been properly trained in the use and operational protocols of the ALPR System;
- Allow access to the ALPR System for those users with an approved login and password; and
- Ensure that any changes in hardware, software, policy, or law are the subject of continuing in-service training or bulletins.

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ALPR Procedures

The use of ALPR technology shall be approved by the Colonel/Superintendent or designee.

ALPR System and information shall be:

- Accessed and used only for official and legitimate law enforcement purposes;
- Used for searches of historical ALPR data, in accordance with this policy and other Department policies or regulations where applicable; and
- Used for searches of ALPR data by members of this Department or by other law enforcement agencies through the ALPR Administrator.

ALPR Operations

Members using the ALPR System shall:

- Ensure, at the start of each shift, the ALPR System has been updated with the most current hot lists available;
- Verify, prior to use, the aim of the ALPR camera(s) to ensure it is focused on the correct lanes of traffic;
- Ensure ALPR equipment be cleaned and maintained according to the manufacturer's recommendations; and
- Notify the ALPR Administrator of any malfunctions.
-

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Members using the ALPR System in a fixed location shall:

- Ensure, once daily, the ALPR System has been updated with the most current hot lists available;
- Verify, weekly, the aim of the ALPR camera(s) to ensure it is focused on the correct lanes of traffic;
- Ensure ALPR equipment be cleaned and maintained according to the manufacturer's recommendations; and
- Notify the ALPR Administrator of any malfunctions.

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ALPR Alerts/Hits

The member shall, prior to initiation of a stop, based on an ALPR Hit or Alert:

- Visually verify that the vehicle plate number matches the plate number run by the ALPR System, including both:
  1. Alphanumeric characters of the license plate; and
  2. The state of issue.

- Verify the current status of the plate through:
  1. The Commonwealth's Criminal Justice Information System (CJIS), or
  2. National Crime Information Center (NCIC), or
  3. Department's Records Management System (RMS), or
  4. Other appropriate source of data, when circumstances allow, or as soon as practicable.

License plate numbers and date/time location collected through an ALPR may

not be, when taken alone, sufficient to identify the individual associated with the vehicle. The Department may be able to link the ALPR information to an individual through additional use and combination with other information, such as a check of vehicle registration. Thus, even though the ALPR information the Department accesses may be the result of an ALPR system's automated collection of license plate numbers, it is the investigative process that identifies individuals.

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Manual Entry of Data/Manual Hot List

Manual entries may include, but should not be limited to:

- AMBER Alerts;
- Missing Child Alerts;
- Missing College Student Bulletins;
- Silver Alerts;
- Be On Look Out (BOLO);
- Investigative needs;
- Attempt To Locate (ATL); or
- Wanted or Missing Person broadcast or bulletin in which a license plate number is included.

Manual entries entered into the ALPR System shall be:

- Manually updated when the information changes or is no longer current;
- Documented with the specific reason by the member;
- Documented with agency case number; and
- Given a retention date of 1 year or less.

ALPR Data: Logs, Sharing, Dissemination, and Retention

The following process shall apply to ALPR Data:

- A Query Log is internally maintained by each instrument for each transaction;
- Data can be accessed, retrieved, or shared for official and legitimate law enforcement business only; and
- Retention of data shall be determined by the Department of Criminal Justice Information Services (DCJIS) Policy.

The Department will prohibit access, use, or dissemination of ALPR information for:

- Any purpose that violates the Constitution or laws of the United States or the Commonwealth of Massachusetts, including the protections of the Fourth Amendment;
- Based solely on an individual's or organization's religious, political, or social views or activities; their participation in a particular noncriminal organization or lawful event; or their race, ethnicity, citizenship, place of origin, age, disability, gender, gender identity, sexual orientation, or other classification protected by law;
- Non-law enforcement or personal purposes;
- The purpose of prohibiting, infringing upon, or deterring individual activities protected by the First Amendment, such as freely practicing one's religion, freedom of speech and peaceful assembly, freedom of the press, and the right to petition the government for the redress of grievances;

Continued next page.

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ALPR Data: Logs, Sharing, Dissemination, and Retention (Continued)

- Harassing and/or intimidating any individual or group;
- Targeting of any individual or group by means of camera placement or data use in a discriminatory manner; and
- Any other access, use, disclosure, or retention that would violate applicable law, regulation, or policy.

The Department protects all ALPR information as personally identifiable information (PII) because ALPR information may be combined with other information to specify a unique individual (i.e., the identity of an individual could be directly or indirectly inferred by using information that is linked or linkable to that individual).

Information Quality Assurance

Original ALPR information will not be altered, changed, or modified in order to protect the integrity of the data. Any changes will be maintained as a separate and additional record, and such record will be identified as having been modified.

The Department will correct, notate, delete, or refrain from using ALPR information the Department originated and found to be erroneous or deficient. Originating agencies external to the Department are responsible for reviewing the quality and accuracy of the ALPR information provided to the Department and must take reasonable steps to correct or amend the information upon learning that it is inaccurate or deficient.

The Department will advise the appropriate point of contact, in writing or electronically, when its ALPR information is alleged, suspected, or found to be erroneous or deficient.

Security

The following shall apply to ALPR system and information security:

- The Department of Criminal Justice Information Services of the Executive Office of Public Safety and Security will operate ALPR servers in a secure facility protected from external intrusion and will utilize secure internal and external safeguards against network intrusions. Any access to DCJIS ALPR information from outside the facility will be allowed only over secure networks;
- The Department and DCJIS will store ALPR information in a manner that ensures that it cannot be added to, modified, accessed, or purged except by personnel authorized to take such actions;
- Access to Department ALPR information will be granted only to personnel whose positions and job duties require such access and who have successfully completed a background check and training;

Continued next page.

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Security (Continued)

- Usernames and passwords to ALPR information are not transferrable, must not be shared by Department personnel, and must be kept confidential;
- Queries made to the Department's ALPR information will be logged into the system identifying the user initiating the query. All user access, including participating agency access, and queries are subject to review and audit; and
- The Department and DCJIS will maintain an audit trail of accessed, requested, or disseminated Department-held ALPR information. An audit trail will be kept for a minimum of one-year of requests for access to ALPR information for specific purposes and of what ALPR information is disseminated to each individual in response to the request.

State Central Repository

The Department has agreed to:

- Electronically submit captured ALPR data to the state repository maintained by the DCJIS at the Commonwealth's Public Safety Data Center.

The Department and its users agree to the terms of this policy and to the Commonwealth of Massachusetts *Global Justice and Public Safety Information Sharing Policy* of the DCJIS.

Policy Review

The ALPR Administrator shall be responsible for:

- The annual review of this policy and the procedures contained herein; and
- Making recommendations through channels to the Colonel/Superintendent or designee, for any necessary amendments.

As use of the technology progresses, the Department shall continue to monitor and assess the appropriateness of this policy, as new technology may raise both legal and technological issues.

References

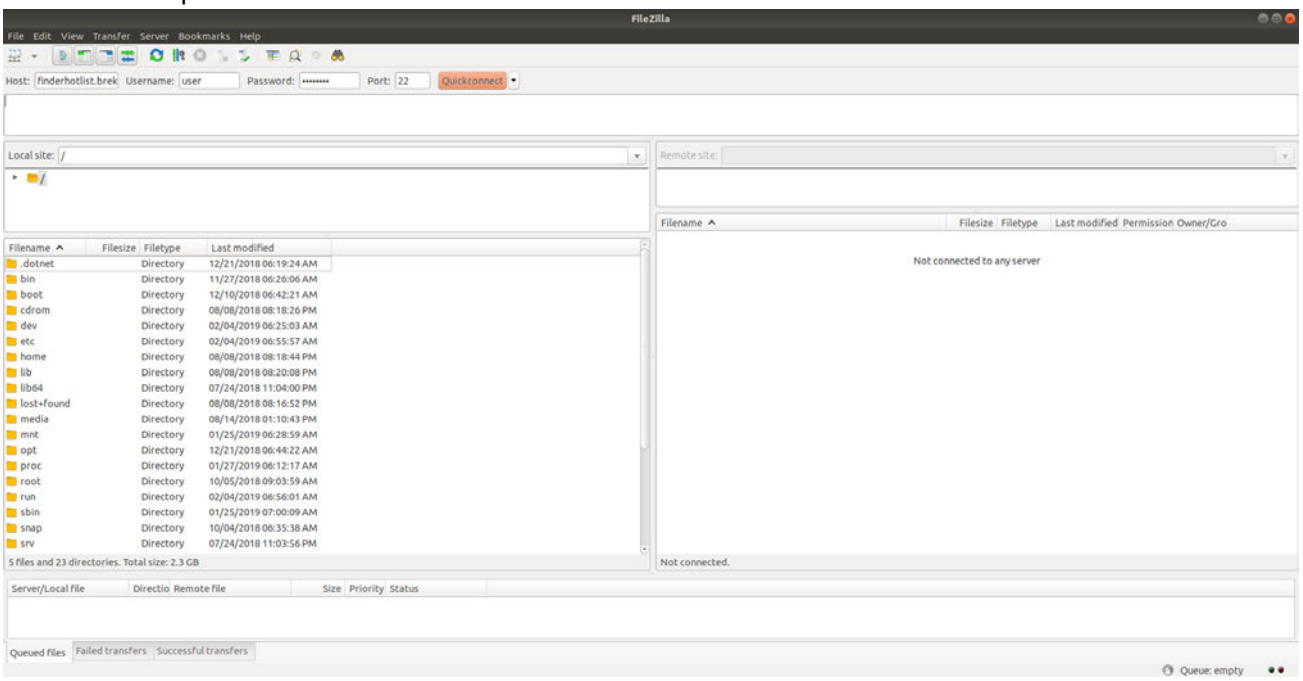
Executive Office of Public Safety and Security (EOPSS) - *The Commonwealth of Massachusetts Global Justice and Public Safety Information Sharing Policy*
Executive Office of Public Safety and Security (EOPSS) - Department of Criminal Justice Information Services - *Automatic License Plate Recognition System Central Repository Companion Policy.*

Promulgated By:

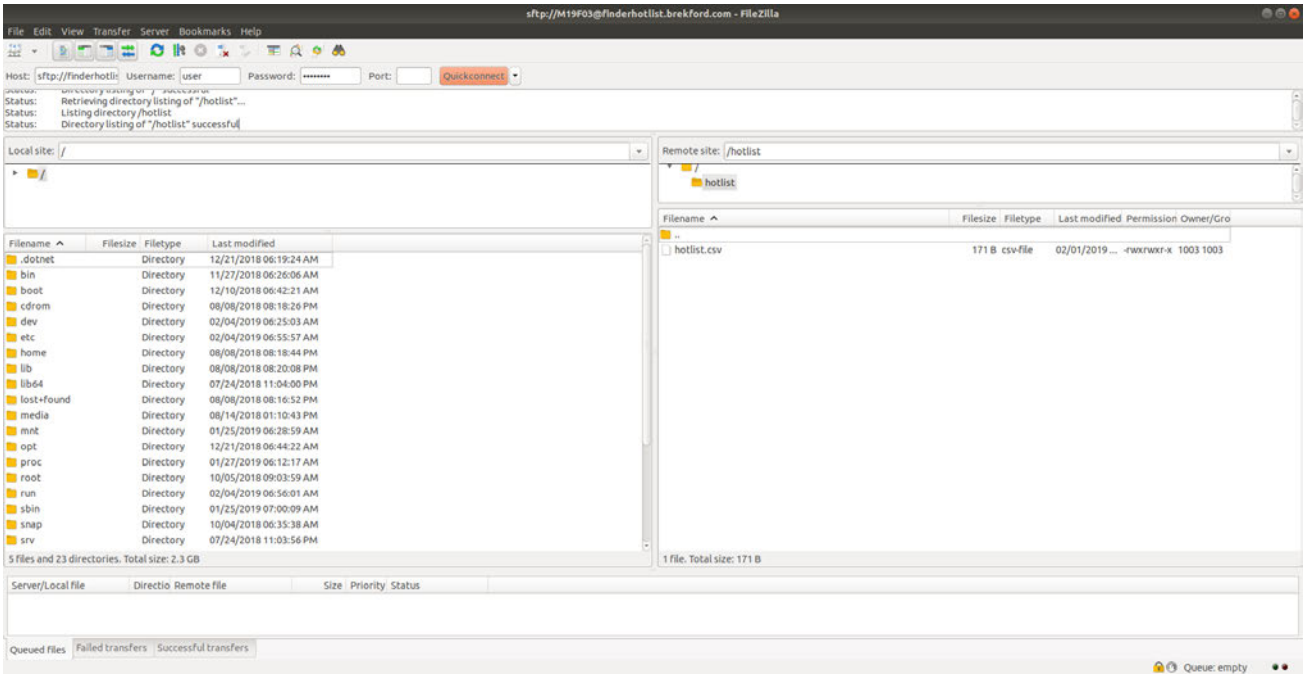
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SFTP Hotlist Import

Using FileZilla or another SFTP client connect to finderhotlist.brekford.com on port 22 using provided username and password.



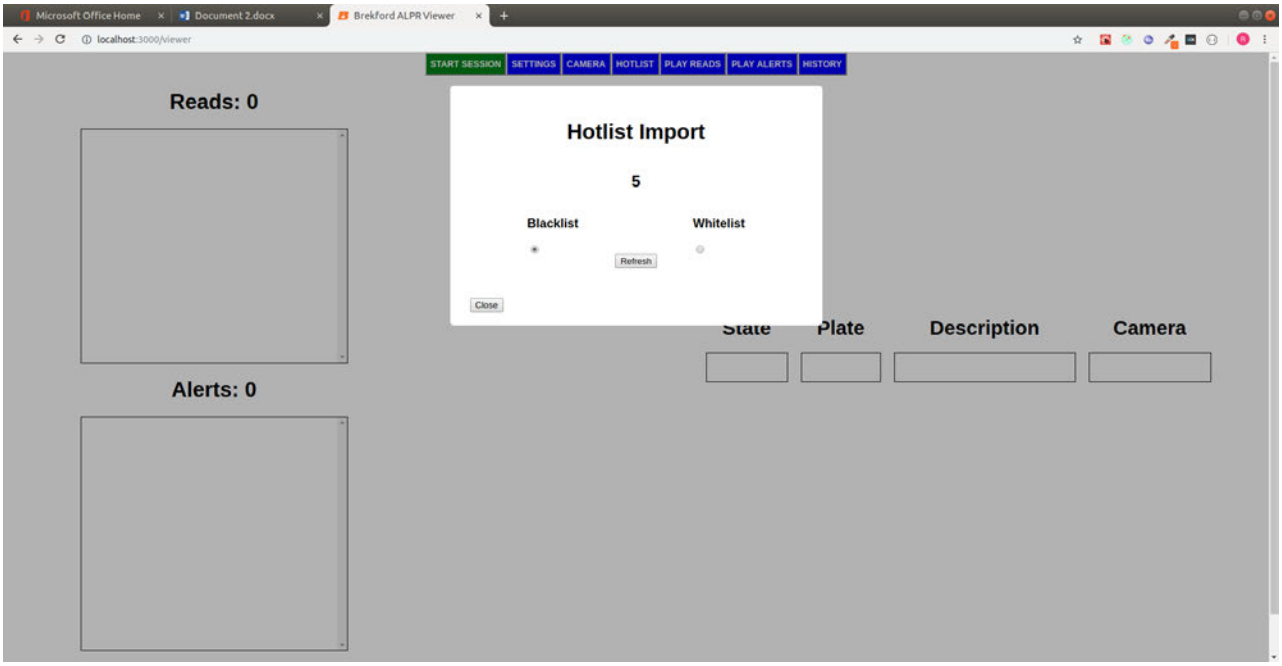
Once connected drag a hotlist into the hotlist folder



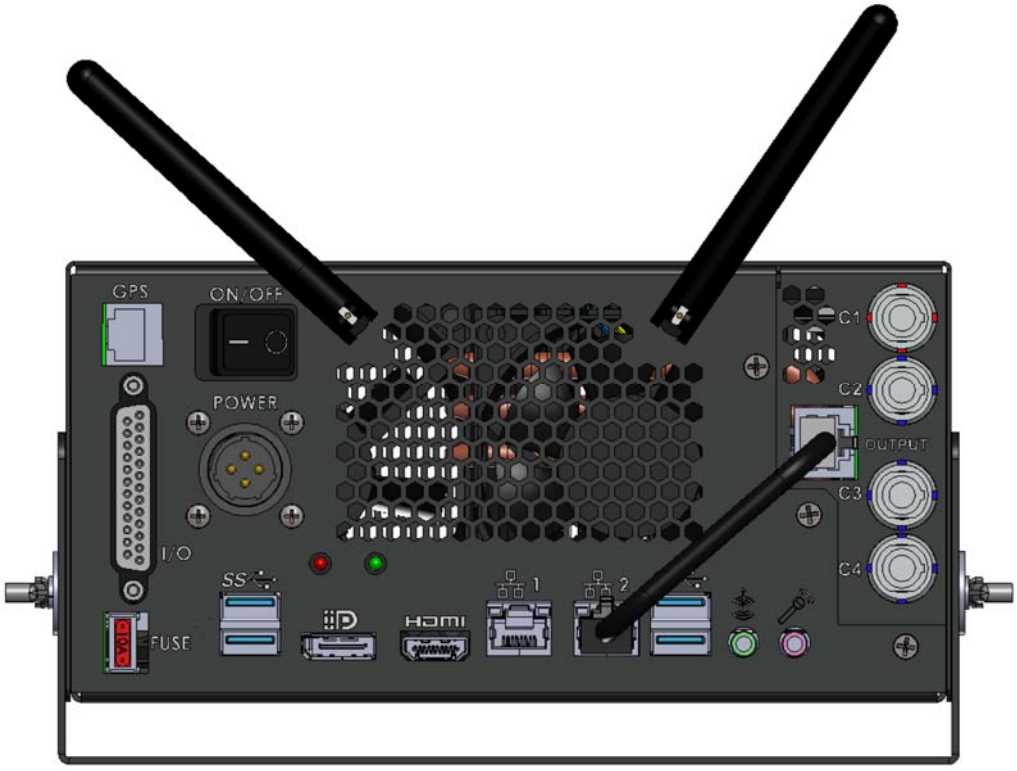
In the viewer select the hotlist button



Click the refresh button to pull the most recent hotlist. Count will update with the count of hotlist entries imported.



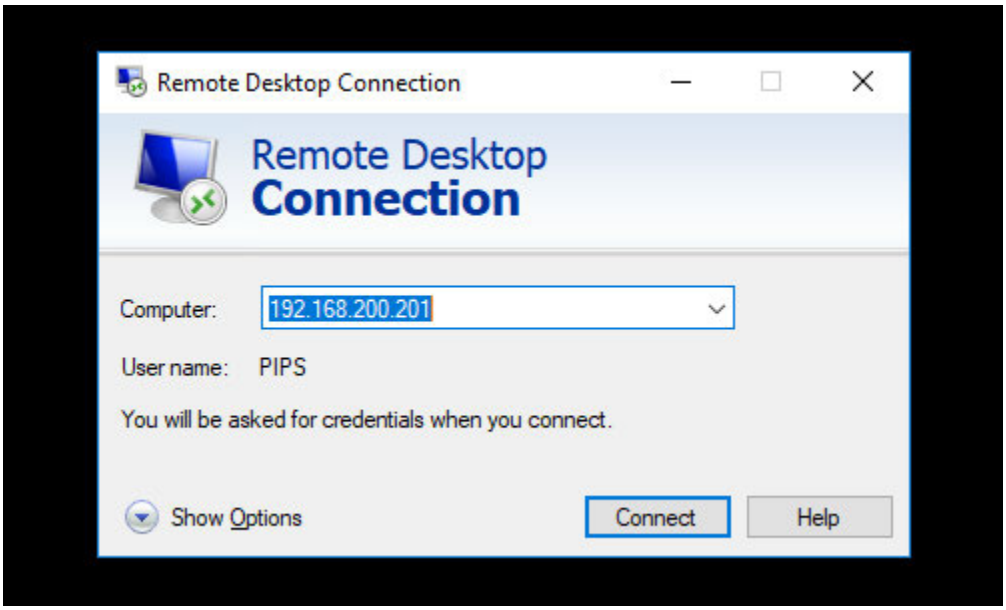
PIPS TECHNOLOGY
DETECTION INNOVATION



SX4 Mobile Processor Tools & Settings Guide

Revised: February 2018

1. From a connected laptop, open a Remote Desktop connection, use processor default IP 192.168.200.201.



2. Log in using PIPS as user name and SX4 for password.

   Successful login will show mobile processors desktop.



Desktop Icons:

- On-Screen Keyboard- Used as an alternate source for keyboard entry.
- eGalaxTouch- Configuration utility to calibrate touch screen boarders on an attached monitor.
- Reboot- Used to reboot the mobile processor.
- Shutdown- Used to shut down the mobile processor.
- Tools- Used for Technical Support Access, PAGIS Change Mode, P6 Utilities and WF Manager.

Once into the processor you can accomplish several task as needed:

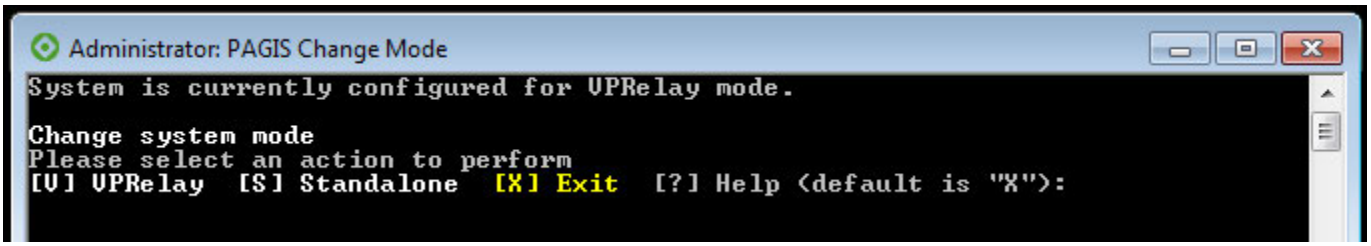
- Change PAGIS operation mode. – see section 1.0
- Update PAGIS. – see section 1.1
- Update OCR Cardet file. – see section 1.1
- Use P6 Utility tool to configure or troubleshoot mobile cameras. – see section 2.0
- Disable the C drive write protection. – see section 3.0
- Enable secondary Ethernet & Wireless Connections. – see section 4.0

Section 1.0- Changing PAGIS operating mode on SX4:

The SX4 mobile processor can operate in two distinct modes depending on customer's use.

Standalone mode- In this mode the SX4 operates as a self-contained unit where PAGIS software interface runs directly on the SX4 and all operator interaction is intended through use of an attached touch screen monitor.
Client/Server aka **VPRelay** mode- In this mode the SX4 operates as a server with the intended use of PAGIS to be used on a separately attached laptop or mobile data computer (MDC).

1. Double click the Tools icon on desktop, locate and launch the PAGIS Change Mode script shortcut.



a. Inside the Change Mode script on the top line you will see the SX4's current configured state.

b. To change modes select the keyboard value mode you want, either "V" or "S" and hit enter, WAIT for script to finish and prompt user to continue.

Note: The Change Mode script does NOT address OCR updates or compare OCR versions from one folder to another, it is up to the technician to manually assure those files are updated- see section 1.1.3.

- For "V"= VPRelay selection the script will enable the VPRelay service, hide Standalone folder and unhide VPRelay folder, PAGIS folders reside in C:\PIPSTechnology folder path. The script will also remove the PAGIS shortcut icon from the desktop.
- For "S"= Standalone selection the script will disable the VPRelay service and hide the VPRelay folder and unhide the Standalone folder, PAGIS folders reside in C:\PIPSTechnology path. The script will also add the PAGIS shortcut icon to the desktop.

Section 1.1- Updating PAGIS on processor:

Note: SX4 is only authorized and tested to run PAGIS 2.9.6487.37517, it's also important to note that **none** of the current PAGIS installers will adequately install all the required files needed for the SX4 to operate correctly. Revisions or changes will come in the form of a flat file distributable. "DO Not Use Any PAGIS Installer On SX4"

1. **Updating Standalone** installation of PAGIS.
   Locate the C:\PIPSTechnology\Standalone folder and rename it to Old_Standalone.
   Take the root folder "Standalone" located in the .zip distributable file and copy it into place of the previous Standalone path, C:\PIPSTechnology\Standalone. Be sure to copy any existing OCR files "CardetXXX.dll" files from the OLD_Standalone folder to the newly created C:\PIPSTechnology\Standalone.
2. **Updating VPRelay** installation of PAGIS.
   Locate the C:\PIPSTechnology\VPRelay folder and rename it to Old_VPRelay.
   Take the root folder "VPRelay" located in the .zip distributable file and copy it into place of the previous VPRelay path, C:\PIPSTechnology\VPRelay. Be sure to copy any existing OCR files "CardetXXX.dll" files from the OLD_VPRelay folder to the newly created C:\PIPSTechnology\VPRelay.

3. **Updating OCR** file on Standalone or VPRelay installations of PAGIS.

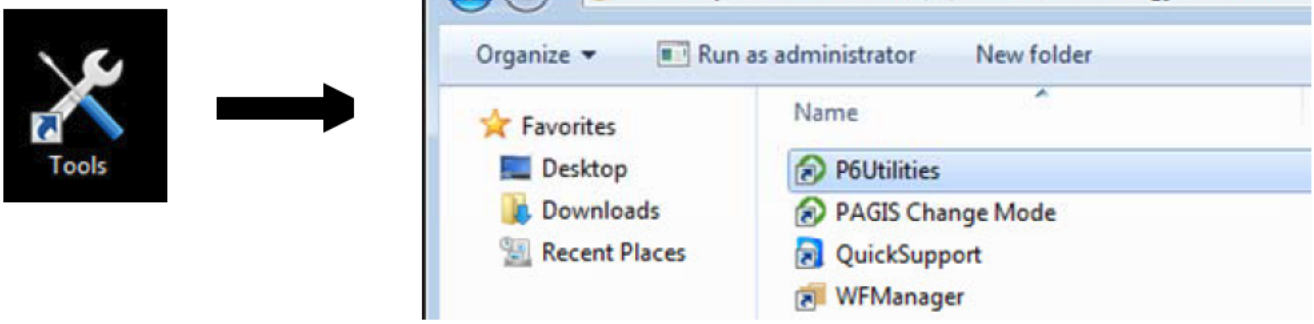
a. Copy the new updated OCR file Cardet"RegionName".dll from your source location.
b. Locate both the C:\PIPSTechnology\Standalone or C:\PIPSTechnology\VPRelay folders. **Reminder** one of the folders will be hidden from normal view depending what the SX4 is setup to run as- Refer to section 1.0.

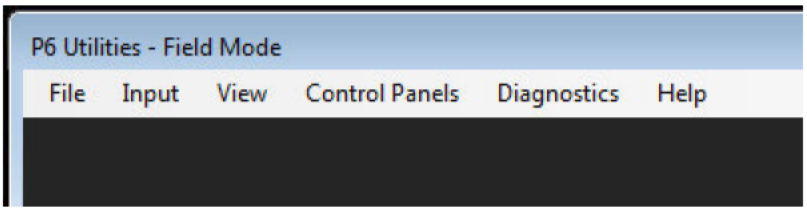
Hint: You can easily gain access to both Standalone and VPRelay folders without changing SX4 modes. Open Windows file explorer and manually type in the folder path you want in the address bar.

c. Rule of thumb is to first rename the existing OCR files to prevent overwriting for later retrieval if need be.
d. Copy the new Cardet"RegionName".dll in the root PAGIS folder locations.
e. Reboot the Processor.
f. For Client Server "VPRelay" OCR update you must also change the region file setting in the Admin-Admin-Configs section of PAGIS installed on client laptop IF the OCR file name is different than previously configured.
g. For Standalone setups if replacing OCR that has the same name no changes are needed but if you are planning on using a different region file the VPRelay service will prompt the users after reboot to select the appropriate OCR file to use. This is a one time / first time option and only has to done once as the service will remember the user selection.

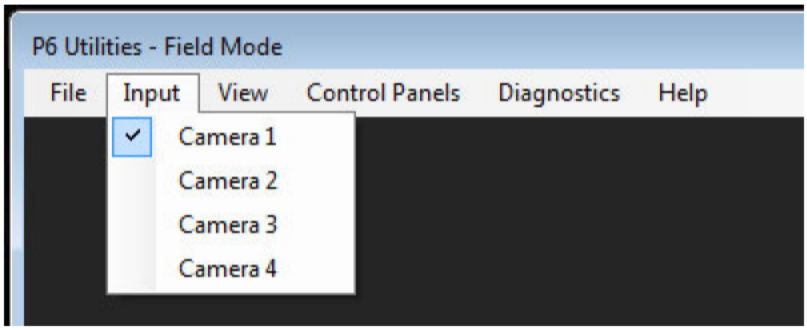
Section 2.0- Using P6 Utilities:

1. On the Processor desktop, double click icon labeled Tools, then click and launch P6Utilities. For VPRelay installs you will be prompted that the "VPRelay process has been stopped". You will need to reboot the processor once done in the tool for VPRELAY to start back up.

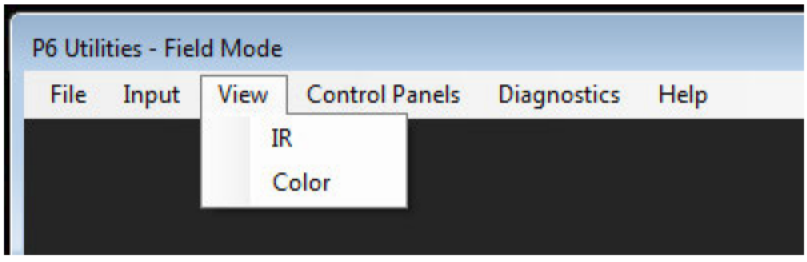




a. Input pulldown menu lets you change the camera live feed you are viewing in the body of the utility.



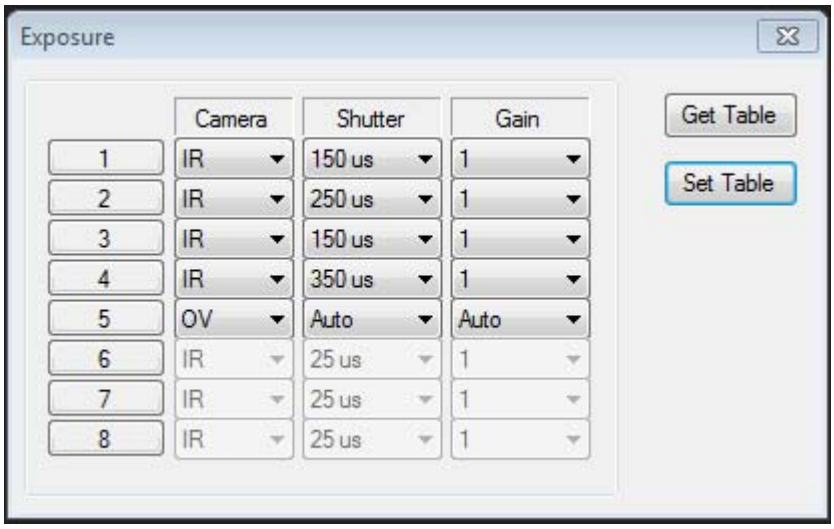
b. View pulldown menu lets you change from Color and IR of the cameras you selected in Input.



c. Control Panels pulldown menu lets you control camera Exposure tables, Scan Mode (Flip Image), and Vehicle Timer.

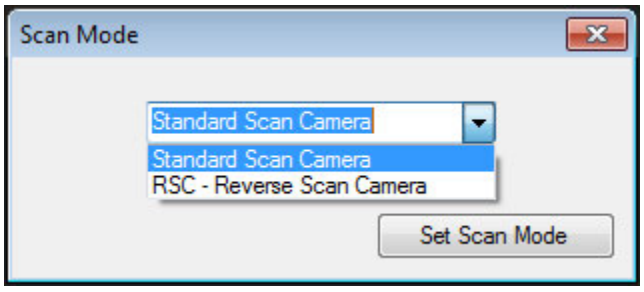
- Exposure table's controls the series of flash's the camera performs. Each camera comes pre-configured from factory with a set of flash settings stored in the cameras memory. To retrieve the setting from the camera click the "Get Table" button, this will populate your Exposure table screen- Remember the Input pulldown camera section controls what cameras data you receive in the Exposure display area.

Note: Key thing to remember is you MUST do these adjustment with a camera that has been properly aligned.



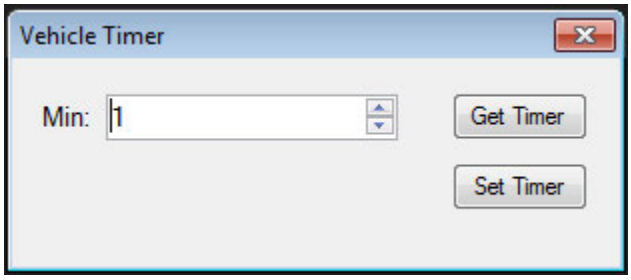
- Each row represents a flash setting, click the row number to turn on/off that setting.
- IR=shutter and Gain setting for IR camera.
- OV= shutter and Gain setting for Color camera- Typically never adjusted or turned off.
- Rule of thumb is to make small adjustments as need, to apply changes to camera click the "Set Table"= Save changes to camera memory.
- Typically there are 4 IR settings, two of which will be identically set as the Ideal setting with the contrast between reflective backing and numbers/letters on plate in perfect balance. One lower and one higher setting than that of the ideal setting.

d. Scan Mode:

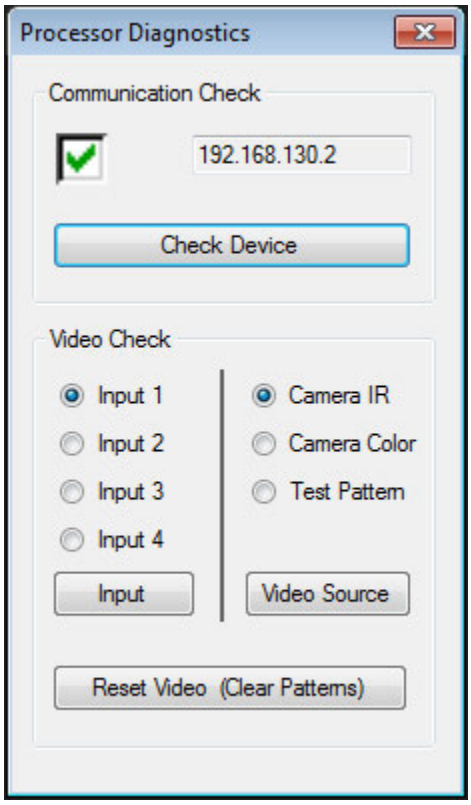


- Standard= video image upright.
- RCS- Reverse= Flip image
- "Set Scan Mode" button applied the change to camera.

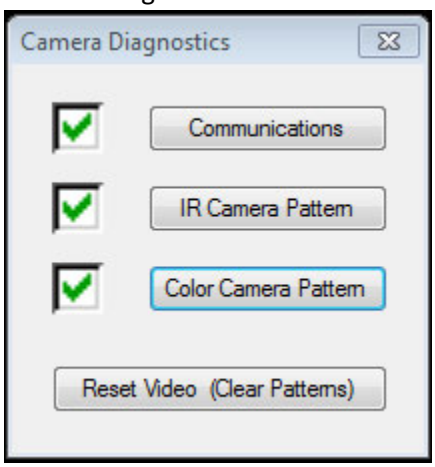
e. Vehicle Timer:



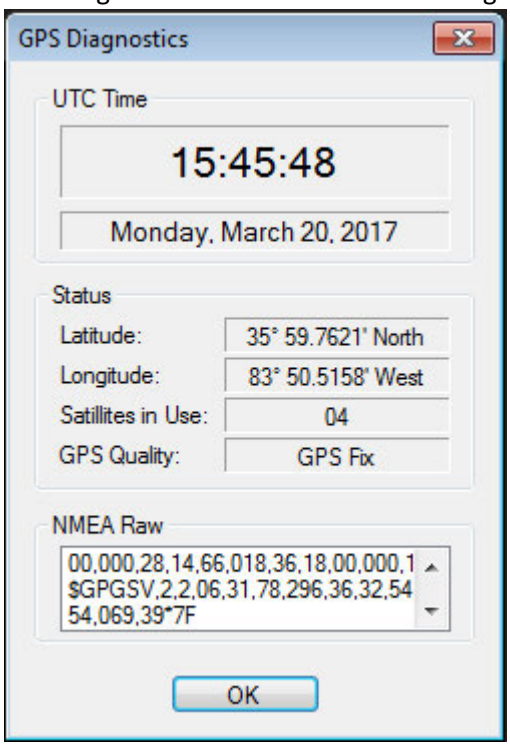
- This timer controls how long the processor will remain running once power is cut to the blue ignition wire, do not set for long periods of time as the mobile system can draw 8amps at its max and will drain a normal vehicle battery in hours.
- “Get Timer” get the current timer setting.
- “Set Timer” Save changes made to setting.
- Diagnostics pulldown menu provides helpful information useful in troubleshooting issues. Information on Processor, Cameras, GPS stream and System Info is provided.
- Processor Diagnostics test communication with the camera interface module and individual video inputs.



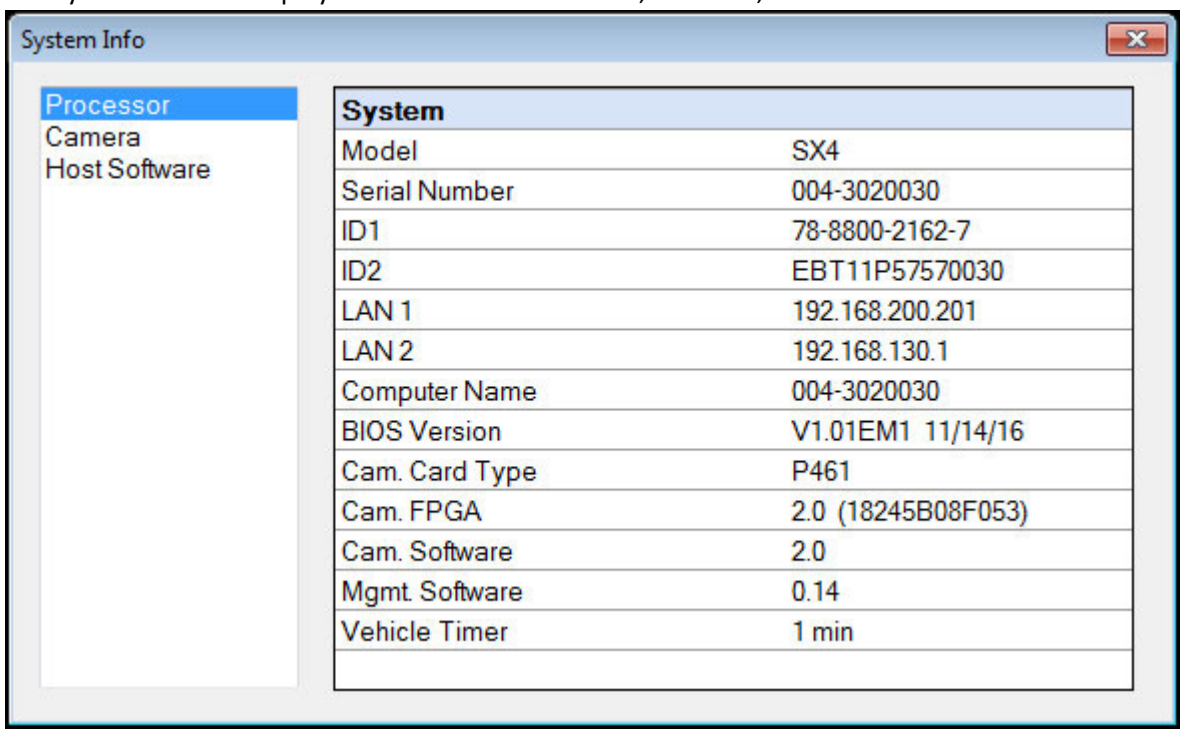
- Camera Diagnostics test camera communication and IR video feed.

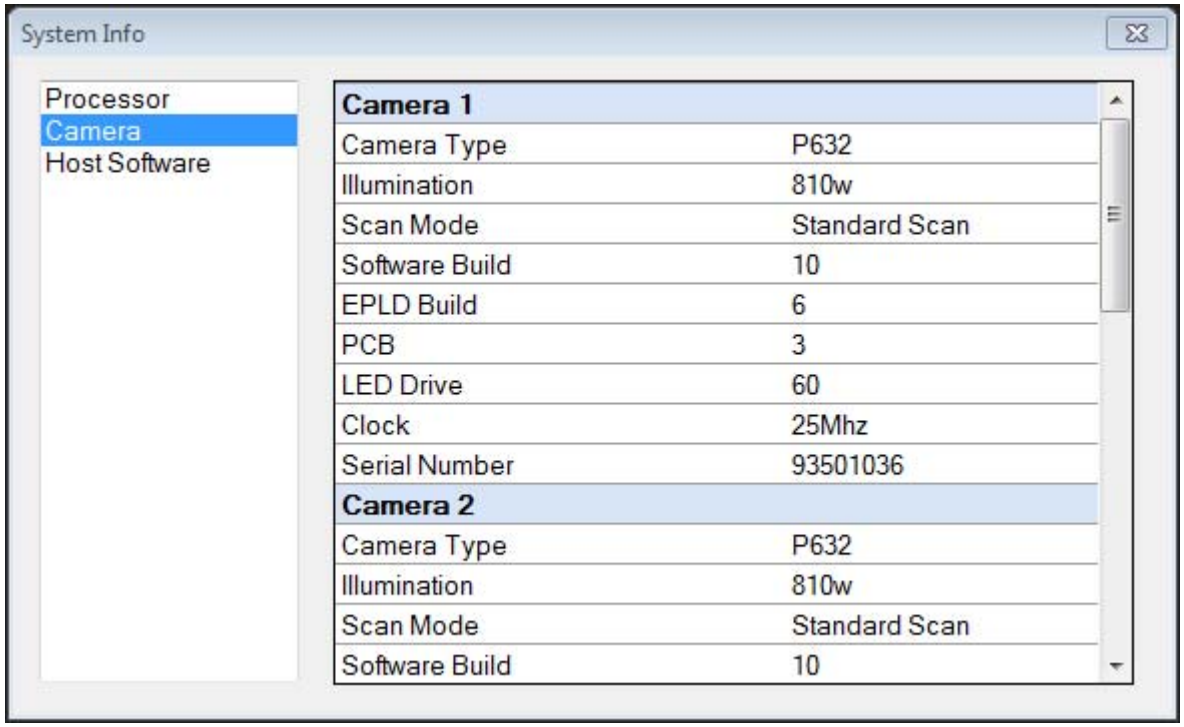


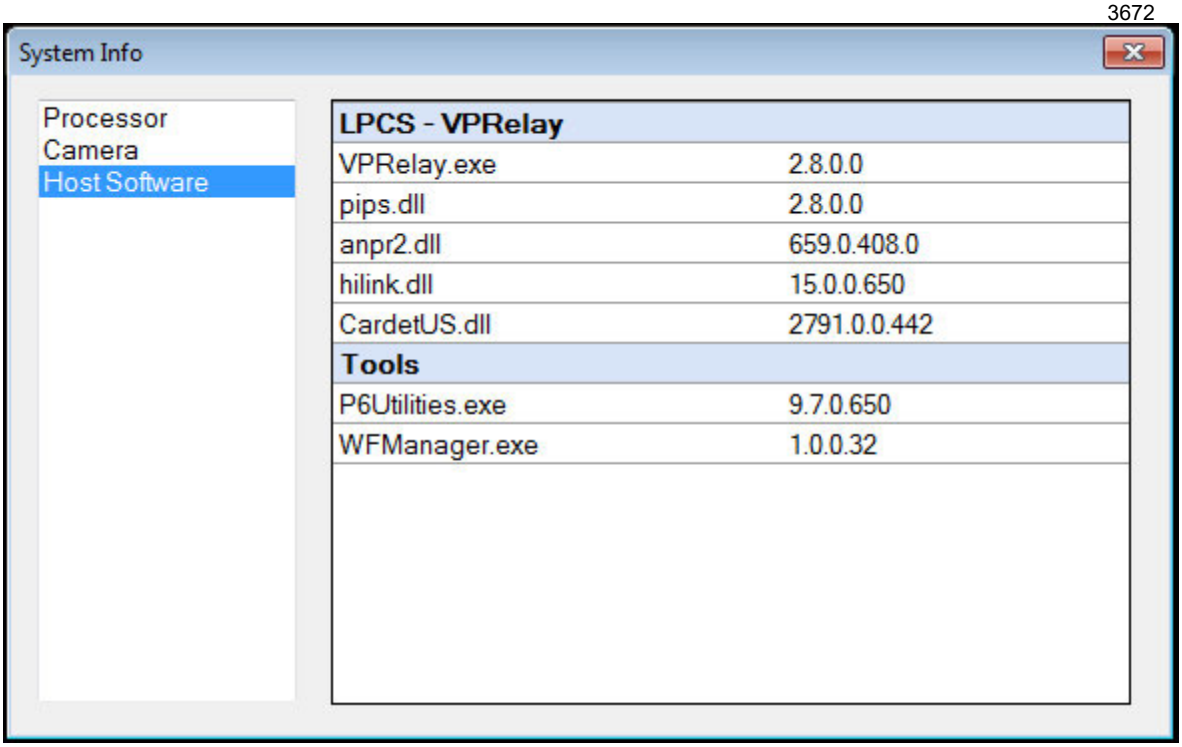
- GPS Diagnostics confirms GPS is receiving signals and coordinates.



- System Info will display information on Processor, Cameras, and PAGIS information.

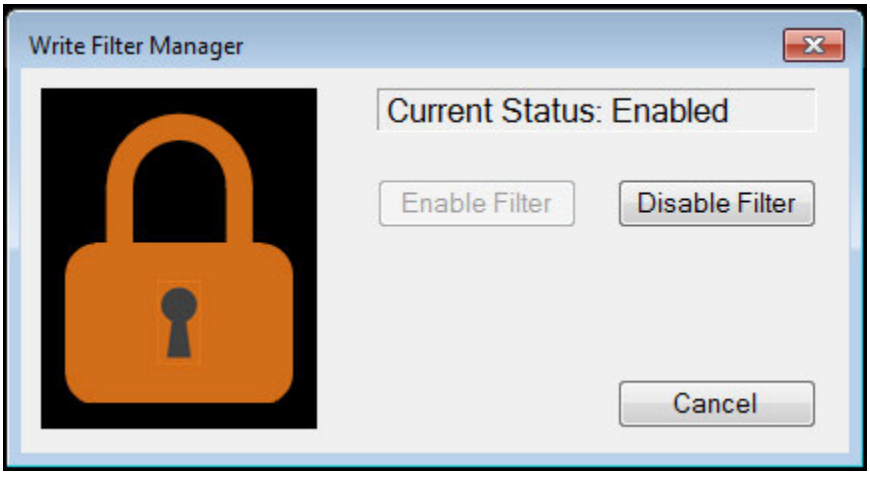






Section 3.0- Disable the C: drive write protection "WF"- Write Filter:

1. By default the mobile processor's hard drive is write protected to safeguard it's integrity and operation. The only exception is to the C:\PIPSTechnology folder and sub folders. These are unprotected and will allow users to make PAGIS and OCR changes. In the Filter Enabled state, any application, drive software updates, or installations that require changes to base OS files or changes to the system registry will not be saved when the processor is rebooted. Additions or changes that are NOT approved by PIPS Technology and have not been tested for stability will void ANY and ALL warranty's on the mobile processing unit. PIPS Technology approved changes are listed in this document or by service bulletin.
2. Approved changes requiring the WF be disabled, enabling the optional Wi-Fi or Ethernet adapter.
3. To disable the WF protection.
    a. Double click the Tools shortcut located on the desktop.
    b. Launch the WFManager shortcut.



    c. Depending on last setting applied, the tool will indicate the current status, click either the "Enable Filter" or "Disable Filter" button to apply. A confirmation box will appear asking the user to confirm the requested changes and indicating it will reboot the system when "Yes" is selected, to exit click "No".

Section 4.0- Enabling the optional Wireless or secondary Local Area network adapters.

1. Disable the EWF write protection, follow sets from section 3.0.
    a. Click Windows Start button and in the search area type network connections then enter.



b. To enable the wireless connection right click the device and select Enable. Double left click to select and configure desired wireless network. Typically the SX4 wireless network connection will be used in conjunction with Standalone mode where as PAGIS can synchronize with back office software via the wireless hotspot.

c. Currently in SX4 the “Local Area Connection 2” is used for internal communication from motherboard to camera interface module. Do not disable or alter this connection.

Department of State Police
General Order

Effective Date	Number
July 22, 2014	**TRF-11**

Subject

Automatic License Plate Recognition

Purpose

The purpose of this policy is to establish guidelines and procedures for the proper use and application of Automatic License Plate Recognition (ALPR) System.

Policy

The availability and use of ALPR System provide opportunities for the enhancement of law enforcement agencies' productivity, effectiveness, and protection of public and officer safety.

The Department shall only utilize the technology in furtherance of official and legitimate law enforcement operations and public safety. All Department Employees shall abide by the guidelines set forth herein when using ALPR System.

Definitions and Acronyms

Automatic License Plate Recognition (*ALPR):* Automatic license plate recognition technology uses high-speed cameras combined with sophisticated computer algorithms capable of converting the images of license plates to electronically readable data. The ALPR System captures an image of a license plate and converts it to a text file using Optical Character Recognition (OCR) technology. The technology also compares the digital images of license plates to the CJIS-NCIC Hot file database. ALPR System is configured as either fixed, mobile or portable.

Alert: A visual and/or auditory notice that is triggered when the ALPR System receives a potential hit on a license plate.

Alert Data: Information captured by an ALPR relating to a license plate that matches the license plate on a hot list.

ALPR Data: Scan files, alert data, and any other documents or data generated by, or obtained thorough, utilization of the ALPR System.

ALPR Data Query Logs: A record of a search or query of ALPR data.

Continued next page.

Subject	Number
Automatic License Plate Recognition	**TRF-11**

Definitions and Acronyms (Continued)

Hit: An alert that a license plate matches a record maintained in the ALPR database related to stolen vehicles, wanted vehicles, or other alert type files that support investigation or which have been manually registered by a user for further investigation.

Hot List: License plate numbers of vehicles of interest, such as stolen vehicles, unregistered vehicles, vehicles owned by persons of interest, and vehicles associated with AMBER Alerts, Missing Child Alerts, Missing College Student Bulletins, Be On Look Out (BOLO), Attempt To Locate (ATL), and Wanted or Missing Person broadcasts or bulletins in which a license plate number is included, or other license plate numbers of interest entered by the Department or an authorized officer.

Hot List Download: The method by which the hot list data is transferred to a computer within a law enforcement vehicle.

Optical Character Recognition (OCR): The technology that supports the automated reading and digitizing of images of license plates that are captured by the ALPR System.

ALPR Administrator

The Division Commander of Field Services (DFS) shall:

- Designate a Commissioned Officer as the ALPR Administrator; and
- Ensure the ALPR Administrator has oversight for the ALPR System deployment, operations, and maintenance.

The ALPR Administrator shall be responsible for the following:

- Ensuring the proper selection of the personnel approved to operate the ALPR System and maintaining an adequate number of trained and authorized users;
- Authorize any requests for ALPR System use or data access according to Department policy;
- Ensure that designated, trained personnel check equipment on a regular basis to ensure functionality, camera alignment, and removing from service any equipment that falls outside expected functionality until deficiencies are corrected.

The ALPR Administrator shall:

1. Designate users who have been properly trained in the use and operational protocols of the ALPR System;
2. Allow access to the ALPR System for those users with an approved login and password; and
3. Ensure that any changes in hardware, software, policy, or law are the subject of continuing in-service training or bulletins.

Subject	Number
Automatic License Plate Recognition	**TRF-11**

ALPR Procedures

The use of ALPR technology shall be approved by the Colonel/Superintendent or designee.

ALPR System and information shall be:

- Accessed and used only for official and legitimate law enforcement purpose;
- Used for searches of historical ALPR data, in accordance with this policy and other Department policies or regulations where applicable; and
- Used for searches of ALPR data by members of this Department or by other law enforcement agencies through the ALPR Administrator.

ALPR Operations

Members using the ALPR System shall:

- Ensure at the start of each shift the ALPR System has been updated with the most current hot lists available;
- Verify prior to use the aim of the ALPR camera(s) to ensure it is focused on the correct lanes of traffic;
- Ensure ALPR equipment be cleaned and maintained according to the manufacturer's recommendations; and
- Notify the ALPR Administrator of any malfunctions.

ALPR Alerts/Hits

The member shall prior to initiation of a stop based on a ALPR Hit or Alert:

- Visually verify that the vehicle plate number matches the plate number run by the ALPR System, including both:
  1. Alphanumeric characters of the license plate; and
  2. The state of issue.
- Verify the current status of the plate through:
  1. The Commonwealth's Criminal Justice Information System(CJIS), or
  2. National Crime Information Center (NCIC), or
  3. Department's Records Management System(RMS), or
  4. Other appropriate source of data, when circumstances allow, or as soon as practicable.

Manual Entry of Data

Manual entries may include, but should not be limited to:

- AMBER Alerts;
- Missing Child Alerts;
- Missing College Student Bulletins;
- Be On Look Out (BOLO);
- Attempt To Locate (ATL); or
- Wanted or Missing Person broadcast or bulletin in which a license plate number is included.

Continued next page.

Subject	Number
Automatic License Plate Recognition	**TRF-11**

Manual Entry of Data (Continued)

Manual entries entered into the ALPR System shall be:

- Manually updated when the information changes or is no longer current; and
- Documented with the specific reason by the member.

ALPR Data: Logs, Sharing Dissemination and Retention

The following process shall apply to ALPR Data:

- A Query Log is internally maintained by each instrument for each transaction;
- Data can be accessed, retrieved, or shared for official and legitimate law enforcement business only; and
- Retention of data shall be determined by the Department of Criminal Justice Information Services (DCJIS) Policy.

State Central Repository

The Department has agreed to:

- Electronically submit captured ALPR data to the state repository maintained by the DCJIS at the Commonwealth's Public Safety Data Center.

The Department and its users agree to the terms of this policy and to the Commonwealth of Massachusetts *Global Justice and Public Safety Information Sharing Policy* of the DCJIS.

Policy Review

The ALPR Administrator shall be responsible for:

- The annual review of this policy and the procedures contained herein; and
- Making recommendations through channels to the Colonel/Superintendent or designee, for any necessary amendments.

As use of the technology progresses, the Department shall continue to monitor and assess the appropriateness of this policy, as with new technology may raise both legal and technological issues.

References

Executive Office of Public Safety and Security (EOPSS)- *The Commonwealth of Massachusetts Global Justice and Public Safety Information Sharing Policy*

Promulgated By:

Department of State Police
General Order

Effective Date	Number
October 1, 2019	**TRF-11**

Subject

Automatic License Plate Recognition

Purpose

The purpose of this policy is to establish guidelines and procedures for the proper use and application of the Automatic License Plate Recognition (ALPR) System within the Department of State Police (Department). Additionally, it is the purpose of this policy to provide Department personnel with guidelines and principles for the collection, access, use, dissemination, and retention of ALPR information to ensure that the information is used for legitimate law enforcement purposes only and the privacy, civil rights, and civil liberties of individuals are not violated.

Policy

The availability and use of the ALPR System provides opportunities for the enhancement of law enforcement agencies' productivity, effectiveness, and protection of public and officer safety.

The Department shall only utilize the technology in furtherance of official and legitimate law enforcement operations and public safety. All Department Employees shall abide by the guidelines set forth herein when using the ALPR System.

Definitions and Acronyms

Automatic License Plate Recognition (ALPR): Automatic license plate recognition technology uses high-speed cameras combined with sophisticated computer algorithms capable of converting the images of license plates to electronically readable data. The ALPR System captures an image of a license plate and converts it to a text file using Optical Character Recognition (OCR) technology. The technology also compares the digital images of license plates to the CJIS-NCIC Hot file database. The ALPR System is configured as either fixed, mobile, or portable.

Alert: A visual and/or auditory notice that is triggered when the ALPR System receives a potential hit on a license plate.

Alert Data: Information captured by an ALPR relating to a license plate that matches the license plate on a hot list.

ALPR Data: Scan files, alert data, and any other documents or data generated by, or obtained through, utilization of the ALPR System.

ALPR Data Query Logs: A record of a search or query of ALPR data.

Continued next page.

Subject	Number
Automatic License Plate Recognition	**TRF-11**

Definitions and Acronyms (Continued)

Hit: An alert that a license plate matches a record maintained in the ALPR database related to stolen vehicles, wanted vehicles, or other alert type files that support investigation or which have been manually registered by a user for further investigation.

Hot List: License plate numbers of vehicles of interest, such as stolen vehicles, unregistered vehicles, vehicles owned by persons of interest, and vehicles associated with AMBER Alerts, Missing Child Alerts, Missing College Student Bulletins, Silver Alerts, Incapacitated or Endangered Persons, Be On Look Out (BOLO), Attempt To Locate (ATL), and Wanted or Missing Person broadcasts or bulletins in which a license plate number is included, or other license plate numbers of interest entered by the Department or an authorized officer.

Hot List Download: The method by which the hot list data is transferred to a computer within a law enforcement vehicle.

Optical Character Recognition (OCR): The technology that supports the automated reading and digitizing of images of license plates that are captured by the ALPR System.

Authorized Uses

The provisions of this policy are provided to support authorized uses of ALPR information. Authorized uses may include, but are not limited to, the following:

- Investigation and prosecution of suspected criminal (including terrorist) incidents; the resulting justice system response; the enforcement of sanctions, orders, or sentences; or the prevention of crime;
- Enhance Department's AMBER/SILVER or other law enforcement alerts and real-time response capability by deploying and networking ALPRs across the state to more rapidly identify and locate vehicles related to potential child-abduction or other serious crimes;
- Alert law enforcement that a particular license plate on a "hot list" (e.g., a stolen vehicle or a vehicle associated with a wanted individual) is in close proximity to an ALPR to dramatically reduce the recovery time of stolen vehicles and assist in locating dangerous and wanted individuals;
- Identify plates associated with potential witnesses and/or victims of crime;
- Support the Department's homeland security mission by protecting critical infrastructure from individuals who intend to damage or disrupt the systems and locations that allow for travel and the free flow of commerce;
- Identify vehicles linked to stolen license plates or other motor vehicle traffic violations;

Continued next page.

Authorized Uses (Continued)

- Provide situational awareness for law enforcement related to public safety or otherwise relevant to their authorized duties;
- Support local, state, federal, and tribal public safety departments in the identification of subjects associated with/as targets of criminal investigations;
- Support law enforcement response to critical incident responses and special events;
- Support special operations, such as high-crime-area patrols, gang investigation/suppression, operating under the influence initiatives, enforcement details, directed criminal investigations, and other investigations; and
- Support emergency and public safety situations including, but not limited to terrorist threats, kidnappings, missing persons, and felons actively traveling to or from a crime scene.

ALPR Administrator

The Division Commander of Field Services (DFS) shall:

- Designate a Commissioned Officer as the ALPR Administrator;
- Ensure the ALPR Administrator has oversight for the ALPR System deployment, operations, and maintenance.

The ALPR Administrator shall be responsible for the following:

- Ensuring the proper selection of the personnel approved to operate the ALPR System and maintaining an adequate number of trained and authorized users;
- Authorizing any requests for ALPR System use or data access according to Department policy;
- Coordinating with all Divisions to ensure resources are available and deployed to meet Departmental investigative needs; and
- Ensuring that designated, trained personnel check equipment on a regular basis to ensure functionality, camera alignment, and removing from service any equipment that falls outside expected functionality until deficiencies are corrected.

The ALPR Administrator shall:

- Designate users who have been properly trained in the use and operational protocols of the ALPR System;
- Allow access to the ALPR System for those users with an approved login and password; and
- Ensure that any changes in hardware, software, policy, or law are the subject of continuing in-service training or bulletins.

Subject	Number
Automatic License Plate Recognition	**TRF-11**

ALPR Procedures

The use of ALPR technology shall be approved by the Colonel/Superintendent or designee.

ALPR System and information shall be:

- Accessed and used only for official and legitimate law enforcement purposes;
- Used for searches of historical ALPR data, in accordance with this policy and other Department policies or regulations where applicable; and
- Used for searches of ALPR data by members of this Department or by other law enforcement agencies through the ALPR Administrator.

ALPR Operations

Members using the ALPR System shall:

- Ensure, at the start of each shift, the ALPR System has been updated with the most current hot lists available;
- Verify, prior to use, the aim of the ALPR camera(s) to ensure it is focused on the correct lanes of traffic;
- Ensure ALPR equipment be cleaned and maintained according to the manufacturer's recommendations; and
- Notify the ALPR Administrator of any malfunctions.

ALPR Alerts/Hits

The member shall, prior to initiation of a stop, based on an ALPR Hit or Alert:

- Visually verify that the vehicle plate number matches the plate number run by the ALPR System, including both:
  1. Alphanumeric characters of the license plate; and
  2. The state of issue.

- Verify the current status of the plate through:
  1. The Commonwealth's Criminal Justice Information System (CJIS), or
  2. National Crime Information Center (NCIC), or
  3. Department's Records Management System (RMS), or
  4. Other appropriate source of data, when circumstances allow, or as soon as practicable.

License plate numbers and date/time location collected through an ALPR may not be, when taken alone, sufficient to identify the individual associated with the vehicle. The Department may be able to link the ALPR information to an individual through additional use and combination with other information, such as a check of vehicle registration. Thus, even though the ALPR information the Department accesses may be the result of an ALPR system's automated collection of license plate numbers, it is the investigative process that identifies individuals.

Manual Entry of Data/Manual Hot List

Manual entries may include, but should not be limited to:

- AMBER Alerts;
- Missing Child Alerts;
- Missing College Student Bulletins;
- Silver Alerts;
- Be On Look Out (BOLO);
- Investigative needs;
- Attempt To Locate (ATL); or
- Wanted or Missing Person broadcast or bulletin in which a license plate number is included.

Manual entries entered into the ALPR System shall be:

- Manually updated when the information changes or is no longer current;
- Documented with the specific reason by the member;
- Documented with agency case number; and
- Given a retention date of 1 year or less.

ALPR Data: Logs, Sharing, Dissemination, and Retention

The following process shall apply to ALPR Data:

- A Query Log is internally maintained by each instrument for each transaction;
- Data can be accessed, retrieved, or shared for official and legitimate law enforcement business only; and
- Retention of data shall be determined by the Department of Criminal Justice Information Services (DCJIS) Policy.

The Department will prohibit access, use, or dissemination of ALPR information for:

- Any purpose that violates the Constitution or laws of the United States or the Commonwealth of Massachusetts, including the protections of the Fourth Amendment;

- Based solely on an individual's or organization's religious, political, or social views or activities; their participation in a particular noncriminal organization or lawful event; or their race, ethnicity, citizenship, place of origin, age, disability, gender, gender identity, sexual orientation, or other classification protected by law;

- Non-law enforcement or personal purposes;

- The purpose of prohibiting, infringing upon, or deterring individual activities protected by the First Amendment, such as freely practicing one's religion, freedom of speech and peaceful assembly, freedom of the press, and the right to petition the government for the redress of grievances;

Continued next page.

ALPR Data: Logs, Sharing, Dissemination, and Retention (Continued)

- Harassing and/or intimidating any individual or group;

- Targeting of any individual or group by means of camera placement or data use in a discriminatory manner; and

- Any other access, use, disclosure, or retention that would violate applicable law, regulation, or policy.

The Department protects all ALPR information as personally identifiable information (PII) because ALPR information may be combined with other information to specify a unique individual (i.e., the identity of an individual could be directly or indirectly inferred by using information that is linked or linkable to that individual).

Information Quality Assurance

Original ALPR information will not be altered, changed, or modified in order to protect the integrity of the data. Any changes will be maintained as a separate and additional record, and such record will be identified as having been modified.

The Department will correct, notate, delete, or refrain from using ALPR information the Department originated and found to be erroneous or deficient. Originating agencies external to the Department are responsible for reviewing the quality and accuracy of the ALPR information provided to the Department and must take reasonable steps to correct or amend the information upon learning that it is inaccurate or deficient.

The Department will advise the appropriate point of contact, in writing or electronically, when its ALPR information is alleged, suspected, or found to be erroneous or deficient.

Security

The following shall apply to ALPR system and information security:

- The Department of Criminal Justice Information Services of the Executive Office of Public Safety and Security will operate ALPR servers in a secure facility protected from external intrusion and will utilize secure internal and external safeguards against network intrusions. Any access to DCJIS ALPR information from outside the facility will be allowed only over secure networks;

- The Department and DCJIS will store ALPR information in a manner that ensures that it cannot be added to, modified, accessed, or purged except by personnel authorized to take such actions;

- Access to Department ALPR information will be granted only to personnel whose positions and job duties require such access and who have successfully completed a background check and training;

Continued next page.

Security (Continued)

- Usernames and passwords to ALPR information are not transferrable, must not be shared by Department personnel, and must be kept confidential;

- Queries made to the Department's ALPR information will be logged into the system identifying the user initiating the query. All user access, including participating agency access, and queries are subject to review and audit; and

- The Department and DCJIS will maintain an audit trail of accessed, requested, or disseminated Department-held ALPR information. An audit trail will be kept for a minimum of one-year of requests for access to ALPR information for specific purposes and of what ALPR information is disseminated to each individual in response to the request.

State Central Repository

The Department has agreed to:

- Electronically submit captured ALPR data to the state repository maintained by the DCJIS at the Commonwealth's Public Safety Data Center.

The Department and its users agree to the terms of this policy and to the Commonwealth of Massachusetts *Global Justice and Public Safety Information Sharing Policy* of the DCJIS.

Policy Review

The ALPR Administrator shall be responsible for:

- The annual review of this policy and the procedures contained herein; and
- Making recommendations through channels to the Colonel/Superintendent or designee, for any necessary amendments.

As use of the technology progresses, the Department shall continue to monitor and assess the appropriateness of this policy, as new technology may raise both legal and technological issues.

References

Executive Office of Public Safety and Security (EOPSS) - *The Commonwealth of Massachusetts Global Justice and Public Safety Information Sharing Policy*
Executive Office of Public Safety and Security (EOPSS) - Department of Criminal Justice Information Services - *Automatic License Plate Recognition System Central Repository Companion Policy*.

Promulgated By:



TRAINING CLASS:
LICENSE PLATE RECOGNITION

Enterprise License Plate Recognition (LPR) Program Training: Basic Operator (4-Hours)

This training will serve as the on-boarding process for an agency to access and utilize LPR data being generated from a commercial, business or private source. During this 4-hour block of instruction the attendee will be shown how to access the LPR data, create user accounts and how to utilize entry level tools of the LPR program.

Topics covered during training will include:

-What is LPR technology?
-Legal aspects
-Agency management
-How to use alerting, investigative and analytical tools
-Investigative resources

While this course will not count for law enforcement continued education credits, a certificate of training will be issued at the conclusion of the training.

CLICK HERE TO REGISTER

JOIN US!

DATE

Thursday, September 26, 2019

TIME

0800-1200

COST

Free

LOCATION

Natick Police Department
20 E Central Street
Natick, MA, 90040

CONTACT

Lt. Brian Grassey
grasseyb@natickpolice.com

Kyle Hoertsch
Kyle.Hoertsch@vigilantsolutions.com

Vermont Intelligence Center

188 Harvest Lane Williston, VT 05495

Phone: (802) 872-6110 | Fax: (802) 872-6125 | E-mail: dps.vic@[redacted]

Please complete the following and e-mail back to dps.vic@list.vermont.gov or the assigned analyst

"Requests to access active data shall be in writing and include the name of the requester, the law enforcement agency the requester is employed by, if any, and the law enforcement agency's Originating Agency Identifier (ORI) number. To be approved, the request must provide specific and articulable facts showing that there are reasonable grounds to believe that the data are relevant and material to an ongoing criminal, missing person, or commercial motor vehicle investigation or enforcement action. **The written request and the outcome of the request shall be transmitted to VIC and retained by VIC for not less than three years**" – 23 V.S.A § 1607.

IT IS THE RESPONSIBILITY OF THE REQUESTOR TO PROVIDE FEEDBACK IF INFORMATION OBTAINED ASSISTED IN THEIR CASE.

Requestor Information					
Agency		Agency ORI		Case Number	
Requestor Name		E-mail		Phone Number	
Approving Supervisor		E-mail		Phone Number	
Date of Request					
☐	**By checking this box, the requestor and the law enforcement agency the requestor is employed by understands that the information contained within this request, to include any information provided, may be used for auditing purposes.** **If this box is not checked, the request cannot be processed.**				

Work Requested				
Note: Registration entry only active for seven (7) days				
Type	☐ Registration Entry	☐ Registration Removal	☐ Historical Query	☐ General Query

Search Start Date		Search End Date		Type of Case	

NOTE: Historical queries made after six months from the date the data was created, will **ONLY** be fulfilled: (i) pursuant to a warrant if the data are not sought in connection with a pending criminal charge; or (ii) to the prosecution or the defense in connection with a pending criminal charge and pursuant to a court order issued upon finding that the data are reasonably likely to be relevant to the criminal matter (T23 VSA1607)

Vehicle Information					
Vehicle Known	☐	Vehicle Type	Choose One		
Vehicle Make		Vehicle Model		Vehicle Year	
Vehicle Registration		State		Reg. Owner	

Incident Details (briefly describe reason for search)

VIC Only				
Assigned Analyst	VIC Tracking Number	Approved	Information Released	Follow-Up Completed
Choose One	ALPR -	☐	☐	☐

Reason for Denial	Notes
Reviewed by:	