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“We propose that information be shared horizontally, across new networks that transcend individual agencies.”

-The 9/11 Commission Report

“No one agency can do it alone. Well-meaning agency officials are under tremendous pressure to update their systems. Alone, they may only be able to modernize the stovepipes, not replace them.”

-The 9/11 Commission Report

Today's Environment: Information Silos



Issues

- Different Databases
- Different Platforms
- Duplication
- Limited Search Across

Today's Environment: Information Silos



CopLink Connects the Silos

- Database of Databases
- Powerful Search Engine
- Near Real-time Data
- Lead Generation





How It Works

- Ties Directly into existing Record Management Systems (RMS) - No additional entry is needed.
- Data Fields are Normalized - All 27 spellings of Mitsubishi map to the same spelling.
- Data is received every night – Adds, Updates, and Deletes available the next day.

What Users Can Do

- Accessible from any web enabled device.
- Search all data sources at the same time.
- Automatically make connections between objects.
- Facial recognition against millions of mugshots.
- Boolean and wildcard searches.
- Photo Arrays.



What is in CopLink Today

Over 240 Sources

- Police Departments
- Registry of Motor Vehicles
- Inmate Data
- Sex Offender Registry
- Parole

How does Data get into Coplink

- Full Map (Full History / All Fields)
- SWISS (Only Arrest and Invest)

Massachusetts

Thank you for your interest in CopLink. CopLink is many things: a flexible, easy to use search engine, a lead generation tool, a crime analysis tool, and an information sharing system. With CopLink users can search millions of police reports, which are added to the system automatically. Users can also make connections between persons, places, and things.

Full Map		Statewide Information Sharing system (SWISS)			
The sources listed below have been Fully Mapped into CopLink. Almost every report (Arrest, Complaint, Accident, Citation, etc.) is included and automatically added.		The sources listed below contribute through SWISS. Departments contributing through SWISS make a case by case determination on which reports to add.			
Department's are listed alphabetically, with the county listed to the right. Statewide Sources are also noted.					
Source	County or Statewide Source	Abington	Plymouth	Mashpee	Barnstable
Arlington Police	Middlesex County	Acushnet	Bristol	Medway	Norfolk
Attleboro Police	Bristol County	Ashburnham	Worcester	Middleboro	Plymouth
Board of Probation	Statwide Source	Avon	Norfolk	Millbury	Worcester
Boston Police	Suffolk County	Ayer	Middlesex	Milville	Worcester
Brockton Police	Plymouth County	Bedford	Middlesex	Nantucket	Nantucket
Brookline Police	Norfolk County	Belchertown	Hampshire	Needham	Norfolk
Cambridge Police	Middlesex County	Bellingham	Norfolk	New Salem	Franklin
Chelsea Police	Suffolk County	Bernardston	Franklin	N. Andover	Essex
Fallriver Police	Bristol County	Billerica	Middlesex	N. Reading	Middlesex
Fitchburg Police	Worcester County	Blackstone	Worcester	Northbridge	Worcester
Haverhill Police	Middlesex County	Bolton	Worcester	Oakham	Worcester
Lowell Police	Bristol County	Bourne	Barnstable	Oxford	Worcester
Lynn Police	Worcester County	Boxborough	Middlesex	Provincetown	Barnstable
Malden Police	Middlesex County	Brewster	Barnstable	Reading	Middlesex
Medford Police	Middlesex County	Bridgewater	Barnstable	Ware	Plymouth
MA State Police	Statewide Source	Brimley	Barnstable	Wareham	Plymouth
New Bedford Police	Bristol County	Chatham	Barnstable	Wareham	Essex
Newton Police	Middlesex County	Chatham	Barnstable	Wareham	Essex
Peabody Police	Essex County	Chatham	Barnstable	Wareham	Essex
Quincy Police	Norfolk County	Chatham	Barnstable	Wareham	Essex
Raynham Police	Bristol County	Chatham	Barnstable	Wareham	Essex
RMV Licenses	Statewide Source	Chatham	Barnstable	Wareham	Essex
RMV Registrations	Statewide Source	Chatham	Barnstable	Wareham	Essex
Somerville Police	Middlesex County	Chatham	Barnstable	Wareham	Essex
Springfield Police	Hampden County	Chatham	Barnstable	Wareham	Essex
Taunton Police	Bristol County	Chatham	Barnstable	Wareham	Essex
Waltham Police	Middlesex County	Chatham	Barnstable	Wareham	Essex
Woburn Police	Middlesex County	Chatham	Barnstable	Wareham	Essex
Sources in the Process of being Fully Mapped		Dartmouth	Bristol	Seekonk	Bristol
Belmont Police	MA Parol Board	Dedham	Norfolk	Sharon	Norfolk
Beverly Police	Norwood Police	Dennis	Barnstable	Sterling	Worcester
Braintree Police	Randolph Police	Douglas	Worcester	Stoneham	Middlesex
Canton Police	Revere Police	Dracut	Middlesex	Stow	Middlesex
Chicopee Police	Salem Police	Edgartown	Dukes	Sudbury	Middlesex
Everett Police	Sex Offender Registry	Fairhaven	Bristol	Swampscott	Essex
Framingham Police	Stoughton Police	Foxborough	Norfolk	Swansea	Bristol
MA Dept. of Correction	Winthrop Police	Franklin	Norfolk	Templeton	Worcester
		Gardner	Worcester	Truro	Barnstable
		Gloucester	Essex	Tyngsboro	Middlesex
		Groveland	Essex	Uxbridge	Worcester
		Hanover	Plymouth	Walpole	Norfolk
		Hardwick	Worcester	Watertown	Middlesex
		Holden	Worcester	Webster	Worcester
		Ipswich	Essex	Wenham	Essex
		Kingston	Plymouth	W. Brookfield	Worcester
		Lawrence	Essex	Westfield	Hampden
		Lenox	Berkshire	Westminster	Worcester
		Lincoln	Middlesex	Westwood	Norfolk
		Littleton	Middlesex	Whitman	Plymouth
		Marblehead	Essex	Winchester	Middlesex
		Marion	Plymouth	Yarmouth	Barnstable
		Marlborough	Middlesex		



Accessing CopLink

1. Computers

- [REDACTED]
- Java is REQUIRED

2. Mobile Devices

- ~~<https://coplink.chs.state.ma.us:8443/CoplinkMobile>~~

Who can get access?

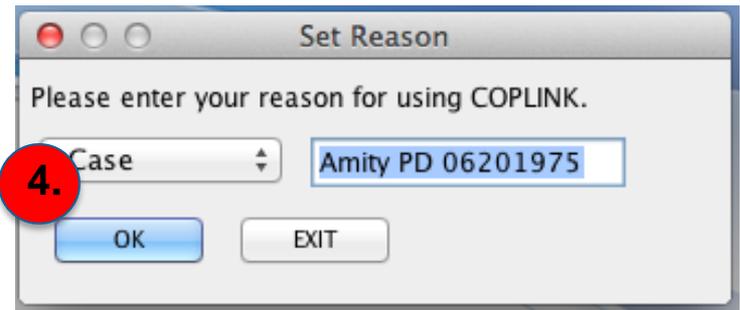
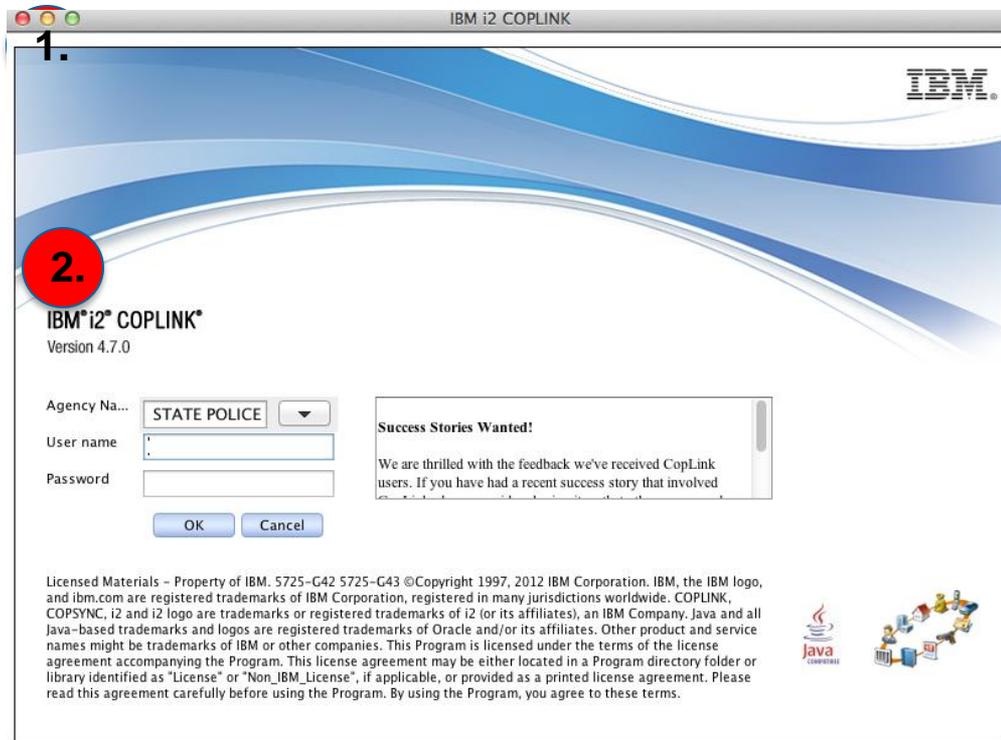
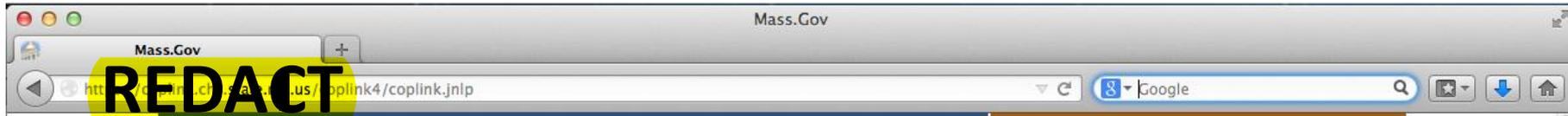
- CORI Cleared

CopLink Installation and Login

Follow these steps to login to CopLink.

Step	Action	Notes and Screenshots
1	Locate a computer that is on the CJIS Network	User rights may also be an issue.
2	Open the internet browser and enter one of the following addresses: High speed connection to CJIS or VPN http://170.154.224.82/coplink4/coplink.inlp internet https://coplink.chs.state.ma.us/coplink4/coplink.inlp Mobile Devices https://coplink.chs.state.ma.us:8443/CoplinkMobile	This will load the CopLink application (approximately 13MB) to the computer and place the CopLink icon on the desktop.
3	Double-click the CopLink icon	
4	Click Done	
5	When the Login screen appears: <ul style="list-style-type: none"> • Select your agency from the Agency List. • Enter your user name and password. 	

REDACT





 The screenshot shows the COPLINK web application interface. At the top, there is a blue header with the COPLINK logo and a menu bar (File, Edit, Query, View, Agent, Tools, Help). Below the menu is a toolbar with icons for Open, Save, Print, Alerts, Modify, Stop, and Results. A red oval highlights a row of search filters: FIREARM, PROPERTY, SECURITY, PHONE, DOCUMENT, EVENT, PERSON, ORGANIZATION, LOCATION, and VEHICLE. The "PERSON" filter is selected. Below this is the "Person Search Form" with the following fields:

NAME					
LAST	Smith	FIRST	James	MIDDLE	
RACE	White	SEX	Male		
AGE	25 - 35	DOB	01/01/1980		
HT	510 - 602	WT	200 - 250		
HAIR		EYES			
COMPLEXION		BUILD			
ETHNICITY		COUNTRY OF BIRTH			

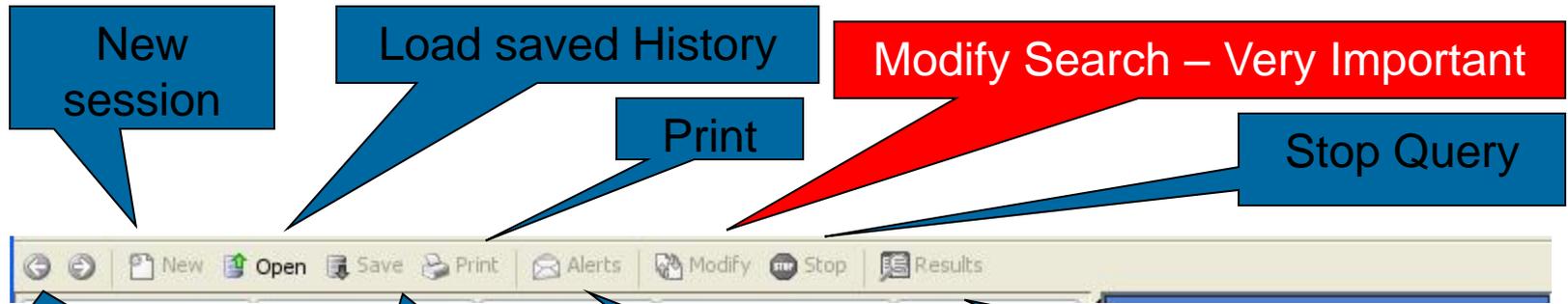
 At the bottom of the form, there are checkboxes for "Search Past Descriptions" (checked) and "Show All Aliases Matching Description" (unchecked). Below the form are tabs for DESCRIPTION, IDENTIFIERS, MARKS, RESIDENCE, FILTER, and AGENT. At the very bottom are buttons for Find, Create Mug Book, Add >>, and Clear.

Find what you are looking for with the information you have.

- Specific Information
- General Description

The same principle works for all objects.

The Tool Bar is below the pull down Menus





IBM i2 COPLINK

File Edit Query View Agent Tools Help

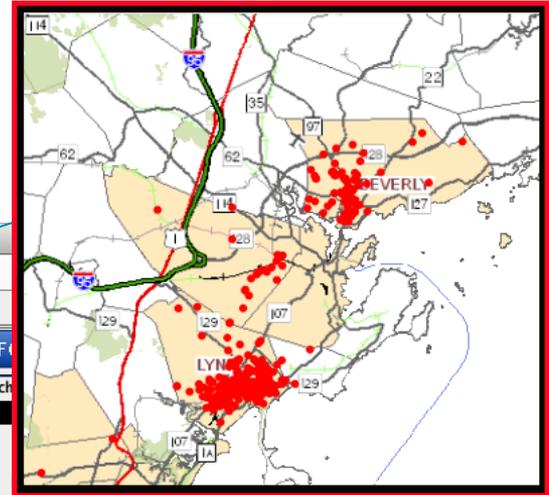
New Open Save Print Alerts Modify Stop Results

Person Search (304)

Monitor future additions to this search MAP [Add all from this search](#)

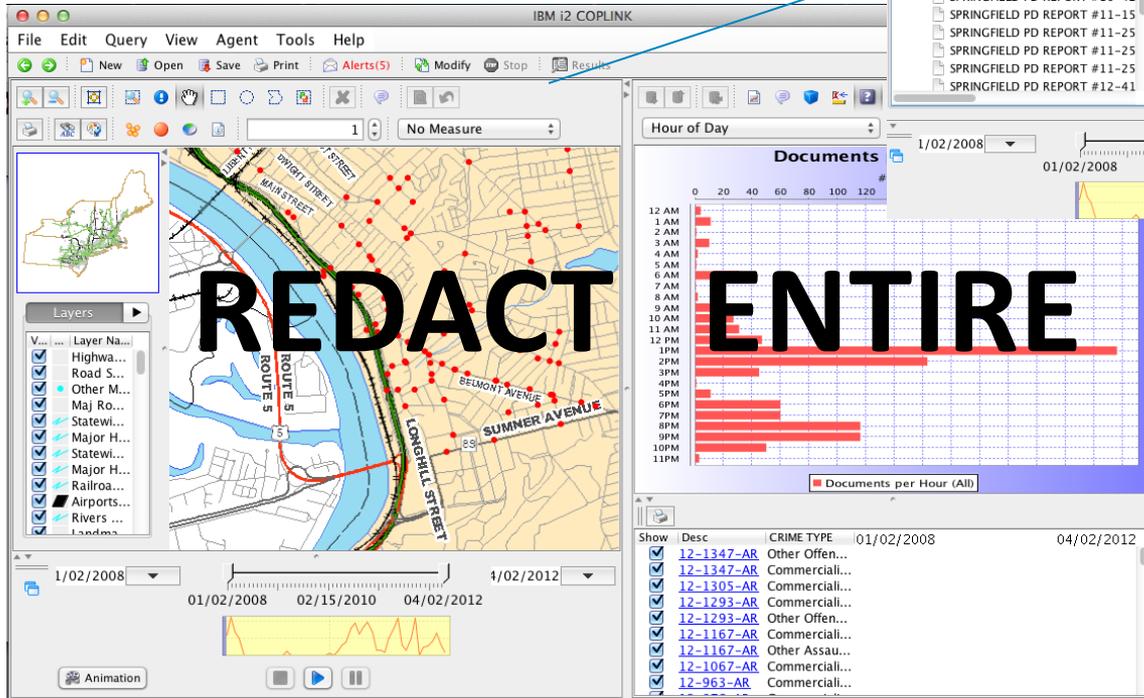
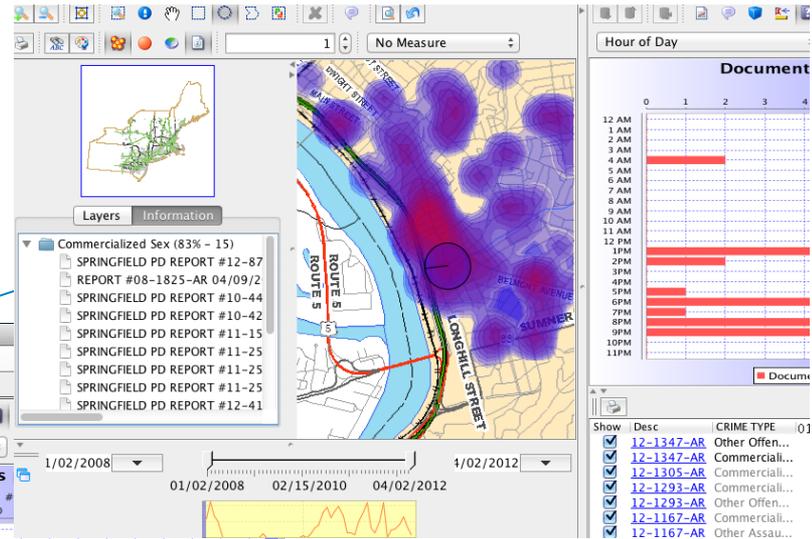
Agent	Add	Name	DOB	Race	Sex	HT	WT	Hair	Eye
<input type="checkbox"/>	Add	116 REYES, JESUS	07/0...	White	M	509	143	Black	Hazel
<input type="checkbox"/>	Add	113 MELO, CLAUDIO	11/2...	Black	M	508	166	Black	Brown
<input type="checkbox"/>	Add	111 UPTON, KYLE R	10/1...	White	M	607	260	Blon...	Blue
<input type="checkbox"/>	Add	110 RILINDFI, WILL	10/0...	White	M	506...	150...	Brown	Blue
<input type="checkbox"/>	Add	<input checked="" type="checkbox"/> Gang Member, Registered Sex Offender	10...	Hisp...	M	511	140	Brown	Brown
<input type="checkbox"/>	Add	107	09/2...	White	M	507	197	Brown	Blue
<input type="checkbox"/>	Add	107	08/0...	White	M	506	150	Black	Brown
<input type="checkbox"/>	Add	88	05/1...	White	F	507	170	Brown	Hazel
<input type="checkbox"/>	Add	86	01/2...	White	M	602	180	Brown	Blue
<input type="checkbox"/>	Add	77	01/7...	White	M	508	170	Brown	Green
<input type="checkbox"/>	Add	74	10/0...	Black	M	510	202	Brown	Brown
<input type="checkbox"/>	Add	72	05/2...	Hisp...	M	511	160	Brown	Brown
<input type="checkbox"/>	Add	70	03/1...	White	M	503	509	Black	Black
<input type="checkbox"/>	Add	67	12/2...	Hisp...	M	601	185	Black	Brown
<input type="checkbox"/>	Add	66	04/1...	White	M	509	234	Brown	Hazel
<input type="checkbox"/>	Add	64	06/2...	White	M	508	160	Black	Brown
<input type="checkbox"/>	Add	63	06/1...	White	M	508	180	Black	Brown
<input type="checkbox"/>	Add	63	01/0...	Black	M	503	135	Black	Brown
<input type="checkbox"/>	Add	61	06/0...	White	M	602	230	Black	Brown
<input type="checkbox"/>	Add	60	04/2...	Hisp...	M	511	170	Black	Brown
<input type="checkbox"/>	Add	56	05/0...	White	M	600	240	Blon...	Blue
<input type="checkbox"/>	Add	48	05/1...	Asia...	M	504	150	Black	Brown
<input type="checkbox"/>	Add	47	02/0...	White	F	503	110	Brown	Brown
<input type="checkbox"/>	Add	47	03/1...	Hisp...	M	506	508	Black	Black
<input type="checkbox"/>	Add	47	09/1...	Black	F	506	140	Brown	Brown
<input type="checkbox"/>	Add	47	09/2...	White	M	510	200	Brown	Green
<input type="checkbox"/>	Add	45	12/2...	White	M	602	190	Brown	Green
<input type="checkbox"/>	Add	41	04/1...	Black	M	600	203	Black	Brown

REDACT ENTIRE



SLIDE Results Screen Criteria:

- 1) Gang Member



Map Screen Criteria:

- 1) Commercialized Sex
- 2) Springfield PD



1. On Tuesday November 12, 2013 at approximately 1100 hours, I, Trooper Choi, spoke with the victim, Nichole FINDLAY (DOB 10/30/85) at the Sturbridge State Police Barracks. FINDLAY stated she was driving her daughter to school at Holland Elementary and parked in the school drop off area, when an older male party entered the drop off area, boxed her vehicle in, and exited his vehicle. The male party walked over to her vehicle and began screaming and banging on the driver side window. The suspect then continued at the rear passenger window where the victim's autistic six year old son, Peyton SHANNON (DOB 03/09/07), was sitting. The victim's daughter, Giana FINDLAY-GRAMPETRO (DOB 01/01/05), was sitting beside her brother. The suspect left the parking lot at a high rate of speed at the conclusion of the assault and nearly struck another vehicle attempting to enter the school.

VEHICLE ID

YEAR . PLATE

VIN # Match Entire String

Vehicle Details

CURRENT VEHICLE INFORMATION

PLATE	STATE	VIN #	
RW55SR	MA	1G6KDS7Y77U221574	
CLASS	MAKE	MODEL	
Automobiles (incl. SUV, P/U Trucks)	CADILLAC	DTS	
STYLE	YEAR	COLOR 1	COLOR 2
SEDAN	2007	Black	

REDACT ENTIRE SLIDE

Criteria:

- 1. Vehicle
- 2. Cadillac
- 3. Black
- 4. Partial – RW55

STYLE

CLASS

MAKE

MODEL

COLOR 1 COLOR 2

Search All Descriptions Search Both Color Fields



The screenshot displays the COPLINK software interface. The main window is titled "Visualizer" and shows a network graph with a central node and many peripheral nodes connected by lines. The nodes are represented by icons of houses (locations) and cars (vehicles). The graph is arranged in a circular pattern, with the central node being the most prominent. On the right side, there is a "SEARCH FOR" panel with two tabs: "Basic Search" and "Refined Search". Under "Basic Search", the following items are listed with checkboxes: Person, Organization, Location (checked), Phone, Event, Cell, Vehicle (checked), Firearm, Property, Security, and Document. Below the search panel, there are buttons for "Remove", "Find Path", and "Find Associations". At the bottom of the interface, there is a list of categories: "NODES", "CASE FOLDERS", "HISTORY", and "SEARCH FOR".

Coplink can present the result findings in a table or graphic form.

In this example, Coplink is displaying a graphic representation of the vehicles and locations associated with the subject identified in the previous slide.

In the “Visualizer” Objects with a stronger connection are shown closer to the center.

Results can be exported for use in other programs.

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