Security Camera Strategy
Status Meeting – 10/12/16

Time: Wednesday, 10/12/2016, 9:00AM – 10:00AM (Back to bi-weekly schedule. Next meeting = 10/26/2016)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x2875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>:)

- **Public Health – Various ongoing projects:**
  - **BPHC/EMS – On hold per BPH – Enabled 2 admin logins for Jeff +1 (kle) for basic level support**. Genetec training required before enabling the 25 user logins. Training quote provided to Jean Cannata. Linda looking at Louie to possibly conduct the training.

- ▮▮▮▮▮▮▮▮▮▮▮ – **Siemens completed the installation of internal (29) cameras**. **Invoice for 4 permanent switches to replace current switches provided to procurement – 8/4.** Invoice for microwave link ($7288) provided to procurement-8/17. (Fiber connectivity to BONET - Continue to wait on contract or approval to move forward.)

- **Boston Housing Authority – Conducted successful meeting and are moving forward. Doug documenting firewall policies.** Strategy = IPsec tunnels between video VPN and BHA locations- ▮▮▮▮▮▮▮▮

- **City Hall – On hold**. DoIT coordinating BTD Genetec upgrade to 5.3. Timeline:
  ~~9/30~~ – preparation and federation complete
  ~~10/6~~ – training complete
  ~~10/12~~ – cutover/upgrade complete

- **Mayor's Office** – iOS testing successful and stable thus far. Plan to provide to security staff `9/30-10/7, dependent on their schedule.

- ▮▮▮▮▮▮▮▮ **Public Works (Comcast) (Warehouse for city lighting-theft & security issues) – On Hold -** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver.

- **Water & Sewer – HQ-**▮▮▮▮▮▮▮ **(78 cameras) &** ▮▮▮▮▮ **(37 cameras) - Joe Crossen working with Siemens on this – Same update -** RFP awarded. In final stages of hiring Robt. LaGassee to manage.

- **BFD – Headquarters and Fire alarm – Same update - mistake with PO corrected at OEM and workstation to be shipped -** Waiting on 2nd workstation.

- **Downtown Crossing –Site survey completed. To be presented to City Council ~ next month**. Louie/Shawn managing.

- **Chinatown - Site survey completed. To be presented to City Council ~ next month**. Louie/Shawn managing.

- **BPD HQ** – **BPD waiting for OEM to release funds**. Approved project: phase 1) cameras outside and down towards ▮▮▮▮▮ phase 2) cameras ▮▮▮▮▮ VidSys contract needs approval and PO.

- ▮▮▮▮▮▮▮ **Same update** - DoIT team continues drafting proposal package for cameras with wifi proposal to present to Mayor's office for funding. First draft to be ready for review by 10/7.

- **VidSys –** Connecting State and City VidSys servers:
  - Interconnect COB & state/ MBTA systems- completed.
  - Federate the systems together – Included in MOU and will begin when MOU is approved.
  - Annual maintenance contract renewed by BPD.

- **BCYF –** ▮▮▮▮▮ **Fiber & Cameras – BCYF currently under construction so camera project to begin ~ 8 months. RFP has been released by BCYF.** Plan is to install pt-to-pt wireless connection and add 2 add'l cameras to suite for a total of 15 cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially – plan is to use analog until fiber is installed. Linda/Jerry working with Ken Griffin (COB PM) and BCYF team on this**.**

- **Fiber Maps** – **Linda and Dan met with Mike regarding Crown Castle fiber contract progress**. **Instructed to allow for more time for contract completion.** Fiber mapping continued - data for UASI region fiber; school fiber; shadow conduits; Crown Castle fiber and GlobalNaps fiber.

- **Body Cams – Pilot began 9/12.** Shawn managing. Pilot = ~100 cams using 2 systems (Veview & Tazor) that can store ~ 12 hours of video locally to begin this year. Storage considerations to infrastructure have been reviewed with BPD regarding potential bandwidth hit when uploading video. BPD does not think uploading this video (somewhat simultaneously) will cause any technical issues. Upon successful pilot, will deploy 2000 cameras. BPD currently running this project independently. Requested to remain on report for status updates.

Critical Task:

1.) Training for Louie to be certified with VidSys, Genetec and DVTel required – Chief Daley approved and Linda/Louie to proceed. **Training on Genetec set up for Nov. Working on Dates for Vidsys training.**

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
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- ██████████████ – **BONET team completed final cleanup of network area and secured cabinets.** Outstanding item: PO & payment for (emergency) microwave link ($7288) – invoice provided to procurement-8/17**.** (Fiber connectivity to BONET - Continue to wait on contract or approval to move forward.)

- **Boston Housing Authority – Continued work by IPC on firewall policies and sharing "rules".** Strategy = IPsec tunnels between video VPN and BHA locations-████████████ (400+ cameras; BPD=view only access).

- **BRA/BTD –** ██████████████ – Security desk moving from ████████ (to be demo'd) to █ ██████ Cameras to be upgraded or moved; BONET presence to be added to █████████

- **City Hall – A.) New archivers for bldg. security video storage –** DoIT set up 2 at 1 ███████ and 2 █████████ Next step = Nelson to configure. **B.) BTD system upgrade**: DoIT coordinating BTD Genetec upgrade to 5.3, after VidSys upgrade complete. Currently planning VidSys upgrade to 7.7.1 for City Hall core system for Nov-Jan timeframe.

- ████████████ **Guard shack – 3 new cameras being installed** for addt'l views of City Hall. Mike managing.

- **Mayor's Office Mobile Access to Video** – Ongoing – Mike working with Bldg Security to discuss with Mayor's security team on which staff needs mobile access.

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  B.) Connecting State and City VidSys servers:
    o Interconnect COB & state/ MBTA systems- completed.
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- **Body Cams – Pilot began 9/12.** Shawn/Louie managing. Pilot in progress.

Critical Task:

1.) Training for Louie to be certified with VidSys, Genetec and DVTel required – Chief Daley approved and Linda/Louie to proceed. **Training on Genetec set up for 11/15-11/16. Working on dates for Vidsys training.**

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Security Camera Strategy
Status Meeting – 11/23/16

Time: Wednesday, 11/23/2016, 9:00AM – 10:00AM (Back to bi-weekly schedule. Next meeting = 12/7/2016)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

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Security Camera Strategy
Status Meeting – 12/7/16

Time: Wednesday, 12/7/2016, 9:00AM – 10:00AM (Back to bi-weekly schedule. Next meeting = 12/7/2016)

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Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	
Louis Madeira	BPD	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	

Security Camera Strategy
Status Meeting – 12/21/16

Time: Wednesday, 12/21/2016, 9:00AM – 10:00AM (Bi-weekly schedule. Next meeting = 1/4/2017)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x2875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold:</u>)

- **Public Health – Same update:**
    - o **BPHC/EMS – 1 workstation requires re-configuring. Louie to resolve this issue and conduct the training – goal= by 12/31 (based on schedules).**

- **Boston Housing Authority – Same update:** BPD to pay, ($2211.76=quote) for camera federation in to City Hall core camera network. Next step – test communication between the Genetec servers at BHA and at City Hall – waiting on Mauori to set up access for Genetec/Nelson. (400+ cameras; BPD=view only access)

- **BRA/BTD –** ▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮ **– Preparing for Tall Ships – 6/17-6/22 – will add temp cameras on roofs, per Shawn/BPD.** Network and camera work completed. Security desk at ▮▮▮▮▮ ▮▮▮ moving to ▮▮▮▮▮▮ – delayed per John O'Brien (waiting on new date).

- **City Hall Core System & Municipal Security System:**
    - o **A.) New archivers for muni security video storage – Isilon upgrade required, then will incorporate in new video VMs – ongoing for this week.**
    - o **B.) BTD system upgrade**: VidSys upgrade to 7.7.1 in progress – **currently testing VidSys bug fixes with DVTel system (Genetec tested successfully)**. Cutover of core system to be scheduled for early-mid Jan upon successful testing. Once VidSys upgrade complete, will upgrade BTD Genetec system. Considering SCv5.5 (release 12/1) – working with MBTA on their testing of this version. Still tracking for project completion = 1/31/17.

- **BFD – Fire Alarm – Same update:** Workstation installation complete. Connectivity thru BPD network to core video system in progress – Jim Fitz working this issue.

- ▮▮▮▮▮▮▮▮ Proposal review scheduled for next week.   First draft of the proposal released for DoIT review.

- **VidSys – Upgrading City Hall core to v7.7.1 - Upgrade in test mode for DVTel with BPD and City Hall. Working with MBTA on federation for VidSys and Genetec.**

- ▮▮▮▮▮▮▮▮▮▮ **- DoIT to pay for federation of cameras in to City Hall core network for BPD, BFD and Muni-security to view – received quote of $1238.07 to complete – Waiting on PO (submitted 11/23) to move forward**. (Fiber connectivity to BoNet – is included in Mike Lynch dark fiber RFP.)

Security Camera Strategy
Status Meeting – 12/21/16

- **Downtown Crossing – Same update -** Site survey completed. To be presented to City Council in next month. Shawn managing.

- **Chinatown – Same update -** Site survey completed. To be presented to City Council in next month or so. Louie/Shawn managing

- **BPD HQ** – **Same update** - BPD waiting for OEM to release funds.

- ███████████ **Guard shack – On Hold - due to contract negotiations. New cameras to be installed** for add'l views of City Hall. Mike is managing.

- ███████████ **Public Works (Comcast) (Warehouse for city lighting-theft & security issues) – On Hold -** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver.

- **Water & Sewer – HQ-**███████████ **(78 cameras) &** ████████ **(37 cameras) – On Hold - due to budget issues.** Joe Crossen is managing.

- **BCYF –** ████████ **Fiber & Cameras –**Plan to install pt-to-pt wireless connection for 15+ cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially. (Fiber connectivity to BoNet – is included in Mike Lynch dark fiber RFP.)

- **Fiber Maps** – **Same updates**: Mike working with vendors to solidify contracts. Linda working with Genetec on camera mapping.

- **Body Cams – Pilot began 9/12.** Shawn/Louie managing. Pilot in progress and successful.

- **Training for Louie to be certified with VidSys and DVTel approved by Chief.** VidSys training ~ Q12017

- **January 18**th – Siemens to give Genetec Security Center Overview – Discuss improvements, advantages and compatibility.

Roadblocks / Critical issues:
- None**.**

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	LanTel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jeff Wagner	VidSys	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	
Louis Madeira	BPD	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	

<div align="center">

Security Camera Strategy
Status Meeting – 12/7/16

</div>

Time: Wednesday, 12/7/2016, 9:00AM – 10:00AM (Bi-weekly schedule. Next meeting = 12/7/2016)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x2875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>:)

- o **BPHC/EMS – Jeff to confirm access for the 2 admin workstations to BoNet is complete.** Genetec training required before enabling the multiple user logins. Louie (BPD) to conduct the training.

- **Boston Housing Authority – BPD to pay for camera federation in to City Hall core camera network – received quote of $2211.76 to complete**. Successful testing conducted on 11/9 of IPsec tunnel connectivity and firewall policy with the BONET team, IPC, and BHA. **Next step** – test communication between the Genetec servers at BHA and at City Hall. (400+ cameras; BPD=view only access)

- **BRA/BTD –** ▆▆▆▆▆▆▆▆▆▆▆▆▆▆ **- Camera connectivity to BoNet was successfully completed on 12/5. Next step: enable BRA to view BTD cameras – expected to be completed this week, by 12/9. (BRA team very happy with the expediency and efficiency of the BoNet connectivity and video sharing set up.)** ▆▆▆▆▆▆ security desk moving to ▆▆▆▆▆▆ on 12/7.

- **Frontage Rd. Public Works – access to view BTD cameras** – conducted team meeting last week and reviewed solution. Access will be completed by 12/9.

- **City Hall – A.) New archivers for bldg. security video storage – configuration by Siemens complete**. **B.) BTD system upgrade**: DoIT coordinating BTD Genetec upgrade to 5.3, after VidSys upgrade complete. Currently planning VidSys upgrade to 7.7.1 for City Hall core system for Dec timeframe

- ▆▆▆▆▆▆▆▆ **Guard shack – 3 new cameras being installed** for add'l views of City Hall. **Fiber installed for camera connectivity**. Mike is managing.

- **BFD – Headquarters and Fire Alarm – 2nd workstation installation complete.** Will remove for next week.

- ▆▆▆▆▆▆▆▆▆ First draft of the proposal released for DoIT review. Linda to pursue responses/comments.

- **VidSys – Upgrading City Hall core to v7.7.1**- in preparation for Genetec systems upgrade for City Hall and BTD = Dec-Jan timeframe. **Upgrade in test mode with DVTel and Genetec with BPD and City Hall.**

- ▆▆▆▆▆▆▆▆▆▆ **- Planning to federate cameras in to camera network for BPD, BFD and security to view – received quote of $1238.07 to complete**. **Looking for funding**. (Fiber connectivity to BoNet - Continue to wait on contract or approval to move forward.)

Security Camera Strategy
Status Meeting – 12/7/16

- **Downtown Crossing – Same update -** Site survey completed. To be presented to City Council in next month. Shawn managing.

- **Chinatown – Same update -** Site survey completed. To be presented to City Council in next month or so. Louie/Shawn managing

- **BPD HQ** – **Same update** - BPD waiting for OEM to release funds.

- ████████████ **Public Works (Comcast) (Warehouse for city lighting-theft & security issues) – On Hold** **-** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver.

- **Water & Sewer – HQ-**████████ **(78 cameras) &** ████████ **(37 cameras) – On Hold - due to budget issues.** Joe Crossen is managing.

- **BCYF –** ████████ **Fiber & Cameras – Same update:** BCYF currently under construction so camera project to begin ~ 8 months. RFP has been released by BCYF. Plan is to install pt-to-pt wireless connection and add 2 add'l cameras to suite for a total of 15 cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially – plan is to use analog until fiber is installed. Linda/Jerry working with Ken Griffin (COB PM) and BCYF team on this**.**

- **Fiber Maps** – **Same updates**: Linda and Dan met with Mike regarding Crown Castle fiber contract progress. Instructed to allow for more time for contract completion**.** Fiber mapping continued - data for UASI region fiber; school fiber; shadow conduits; Crown Castle fiber and GlobalNaps fiber.

- **Body Cams – Pilot began 9/12.** Shawn/Louie managing. Pilot in progress and successful.

- **Training for Louie to be certified with VidSys and DVTel approved by Chief.** Genetec training complete and certification received. Linda working with Louie on setting up VidSys training next.

Roadblocks / Critical issues:

- None**.**

Security Camera Strategy
Status Meeting – 12/7/16

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	LanTel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jeff Wagner	VidSys	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	
Louis Madeira	BPD	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	

Security Camera Strategy
Status Meeting
2/17/16

Time: Wednesday, 2/17/2016, 9:00AM – 10:00AM

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x2875

Attendees		Invited	Attended
Abhishek Khule	BPHC	X	
Anne Vaillancourt	Genetec	X	
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	LanTel	X	
Ian Thomas	VisSys	X	
Jarrod Fullerton / Anna	Genetec	X	
Jeff Beers	BPHC	X	
Jeff Wagner	VidSys	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Zebedeo Pena	Genetec	X	

Security Camera Strategy
Status Meeting
2/17/16

I. Agenda-Locations / Meeting Notes / Action Items

NOTE: **Meetings changed to bi-weekly (every other week).**
Next meeting = Mar 2nd.

Locations: **(Updates from 2/3 in blue:)**

- **Public Health - Jeff, Abhishek**
  - ▬▬▬▬▬▬▬ **/ EMS Storage Facility –VPN tunnel being completed. Next steps: confirm VPN tunnel; buy licensing (PO follow-up); create account; configuration & testing for validation.** Cisco ASA firewall installed.
  - ▬▬▬▬▬ **– Axis-180 degree camera broken – location to be identified; camera to be replaced. Rich has 360 degree camera for trial use as replacement. Linda to provide Jerry the blueprints for electrical, Wifi, etc.** Received drawings and specs from Vanderweil.
  - ▬▬▬▬▬▬ **– Bill Joyce to follow-up with Leon Graves and Joe Callahan on funding.** Internal rewiring completed per Jerry. Drawings and specs delivered by Vanderweil, $43K estimate. Looking to Property Management for funding. Callahan to split costs across tenants. No further word from Callahan.

- ▬▬▬▬ **New Camera Install – Waiting on funding and in-house techs.** OEM will fund 39 cameras to replace existing analog cameras.

- **VidSys – Connecting State and City VidSys servers:**
  - **Interagency MOU – Shawn to provide MOU. Linda to coordinate MOU mtg.**
  - **2nd Vid Sys server buildout to connect to 45 High St/MBTA – In progress.**

- **MIT Lincoln Labs – Follow-up meeting BPD/MIT scheduled-Shawn.** Setting up connectivity for analytics at 3rd floor BPD HQ. Lincoln Labs to supply five (5) videos for analytics development.

- ▬▬▬▬▬ **– Issue – can only access 24 of 32 VidSys panels – need to determine root cause (Bandwidth? Switch? Other?). VPN tunnel rebuilt to increase bandwidth; switch upgrade may be needed for 1GB handoff; follow-up with VidSys required. Shawn/Mike working issues.**

- **Boston Housing Authority – Shawn to follow-up on with BPD legal. Insurance liability issue to be worked through for MOU. Next steps: Shawn/Linda to meet with Nicole Tom, BPD legal and Sully Mac to move this forward.** (300 cameras, 34 facilities.)

- ▬▬▬▬▬▬ **Public Works – Rich to follow-up on. (Comcast) (Warehouse for city lighting-theft & security issues)**; ties in with ▬▬▬▬▬ waiting for electrical connectivity for cabling to the roof; Joe Callahan to allocate costs to the (3) tenants.

- **Faneuil Hall –** ▬▬▬▬▬▬ **– Dan to discuss with Broffie for funding to replace 4 cameras at artwork area; Rich to provide quote; Bill to provide estimated worth of artwork.** (Will add cameras at Surface Rd area at a later date-low priority). ST solution ~ use DVTel antenna on roof at Congress St; LT solution = permanent fiber connection.

Security Camera Strategy
Status Meeting
2/17/16

- **Water & Sewer – Project in planning phase, managed by Rich.** Cameras will connect to BoNet; state agency so funding is all set. 67 cameras at ███████ and 37 cameras for Charlestown.

- **BFD – Headquarters and Fire alarm – Follow-up with BPD, BFD. PSNet, & COB for network connectivity and video sharing. Linda to provide Shawn with requirements email to follow-up with BPD and BFD. Linda to follow-up with Chuck Wade and Doug Schremp.** Lantel switch at BPD HQ and need to link 10.240 network to 10.250 network; Jim Fitz, Chuck Wade and Brett are needed to make this connection.

- **Downtown Crossing – RFP bids received-waiting on award by procurement.** Phase 1=17 new cameras, $500K over 3 yrs; Shawn managing.

- **DHS Bldg Security Initiatives – In progress.** 2 projects: a.) cameras outside and down towards ███████ b.) cameras ███████

- **Body Cams – No new update.** Strategy needed for downloading camera video (not via Internet connection) and for uploading to storage site and for video retention. Pilot = ~50 cams using 3-5 systems that can store ~ 12 hours of video locally to begin this year.

II. Next Meeting: February 3rd, 2016 - 9:00-10:00AM,
City Hall Room 115
Conference Bridge: 1-866-715-6967 / Passcode: 4466461
(Host Code: 7860059)

Appendix A

Servers Core:

City Hall:

Name: ██████████

IPs: ██████████████

Name: ███████████

IPs: ██████████████

██████████████

Name: ██████████████

IPs: ██████████████

Name: ████████████

IPs: ██████████████

Servers BTD:

CoB Data Center:

████████████████████████████████

████████ (CoLo):

████████████████████████████

Mask and Gateway (both CoB Data Center and CoLo:

All IP's on VLAN ███ have a Mask of █████████ and a Gateway of ██████████

All IP's on VLAN ███ have a Mask of █████████ and ██████████ Gateway.

Appendix B

VidSys Servers:

CoB Data Center:

██████████████

████████████ (CoLo):

██████████████

Security Camera Strategy
Status Meeting
3/23/16

I. Agenda-Locations / Meeting Notes / Action Items

NOTE: 1.) IE11 move = 3/21

Locations: (Updates in blue:)

- **Public Health - Jeff, Abhishek**
    - ███████████ **/ EMS Storage Facility – Juniper switch prepared and tested for Abhishek to pick up and install to complete VPN tunnel. Per Siemens, there are 15 concurrent licenses on the Genetec Core system. BPHC to review and approve Siemen's quote. NOTE: the appliance is required equipment to keep cameras on line in the event of a Comcast line outage.**
    - ███████████ **– Siemens to conduct site survey for placement of 12 cameras + 360 degree camera with Mike Flaherty.**
    - ███████████ **– No new update –** Waiting on Leon Graves, legal, and Joe Callahan, funding.

- ███████ **New Camera Install – The PO for 33 new cameras was approved. Will use existing IPs so no additional IPs required.** Nelson analyzed the saturation of the archivers and think they are handling the load fine, storage was his main concern. We are following up on this. Per Dan ~ 70-80% saturation level is limit. OEM will fund 33 cameras to replace existing analog cameras.

- **VidSys – Connecting State and City VidSys servers:**
    - **Interagency MOU –** In progress.
    - **Interconnect COB & state/ MBTA systems and federate them together –** In progress and will be included in MOU.

- **MIT Lincoln Labs – DHS Sigma Program Presentation conducted 3/9, 9:30-11:00 at OEM.** Setting up connectivity for analytics at 3rd floor BPD HQ. Lincoln Labs to supply five (5) videos for analytics development.

- ███████████ **– BPD obtaining new PC with better graphic power. Ian, VidSys, will get all 32 panels to display on new PC.** BPD upgraded switch for 1GB handoff.

- **Boston Housing Authority – MOU done. Shawn pushing this forward.** (300 cameras, 34 facilities.)

Security Camera Strategy
Status Meeting
3/23/16

- ████████████ **Public Works (Comcast) (Warehouse for city lighting-theft & security issues) –** **Quote received for 16 cameras (shared with M. Dennehy for approval). Siemens to conduct site visit with Mike Dennehy (POC).** This ties in with ████████ waiting on electrical connectivity for cabling to the roof.

- ████████████ – **Fiber lateral to be run; Linda provided procurement with info and request to initiate bid process. When connectivity complete, cameras in to our Genetec system.** Two cameras have been set up on a temporary basis via Wifi.

- **Faneuil Hall –** ████████████ – **Mike - PO approved; Faneuil Hall will handle the funding for this. 4 new IPs required.**

- **Water & Sewer – Proposals provided and are in review stage**. Cameras will connect to BONET; funding is all set (state agency); 67 cameras at ████████ and 37 cameras for Charlestown.

- **BFD – Headquarters and Fire alarm – Connectivity completed. Licenses for 2 seats and training covered by DoIT and in payment process. PC for VidSys needed and to be similar to BPD's set up (Linda provided specs to BFD). BFD requesting: 2-27" monitors for fire HQ, 1-40" monitor for Fire Alarm, ~6-40" monitors for Dispatch center**.

- **Downtown Crossing – Vendor selection completed – Shawn to provide details**. BTD has fiber on Washington St and Wilson to look for spare(s). Phase 1=17 new cameras, $500K over 3 yrs; Shawn managing.

- **DHS Bldg (HQ &** ████████ **Security Initiatives** – Shawn to provide update. Phase 1 approved, Phase 2 in OEM. 2 projects: a.) cameras outside and down towards ████████ b.) cameras ████████

- **Fiber Maps** – **PSNet fiber for Boston and Brookline provided and being layered on to BONET fiber mapping. Following up on data for school fiber; shadow conduits; Crown Castle fiber maps**.

- **Grand Prix Event** – **at BCEC area; will require temp video cameras set up on roofs (high location above netting)**. Shawn managing this project.
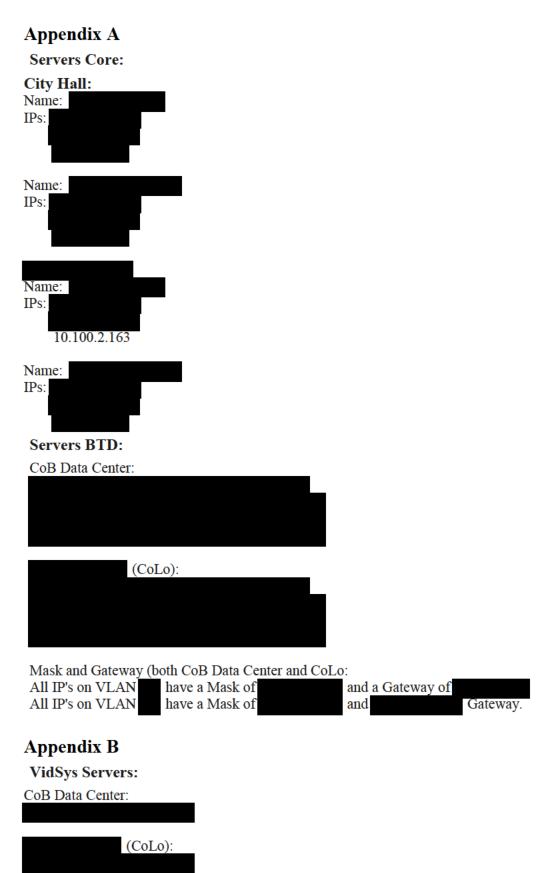
- **Marathon** – Preparation to begin with next meeting.

- **Body Cams – No new update.** Pilot = ~50 cams using 3-5 systems that can store ~ 12 hours of video locally to begin this year. BPD currently running this project independently. Requested to remain on report for status updates.

II. Will resume original bi-weekly schedule on 3/30.

Security Camera Strategy
Status Meeting
3/23/16

Attendees		Invited	Attended
Abhishek Khule	BPHC	X	
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	LanTel	X	
Ian Thomas	VisSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jeff Wagner	VidSys	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	
Louis Madeira	BPD	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Zebedeo Pena	Genetec	X	

Appendix A

 Servers Core:

City Hall:
Name: ███████████
IPs: ███████████
    ███████████

Name: ████████████
IPs: ███████████
    ███████████

████████████████
Name: ████████████
IPs: ███████████
    10.100.2.163

Name: ████████████
IPs: ███████████
    ███████████

 Servers BTD:

CoB Data Center:
████████████████████████████
████████████████████████████

████████ (CoLo):
████████████████████████████
████████████████████████████

Mask and Gateway (both CoB Data Center and CoLo:
All IP's on VLAN ███ have a Mask of ████████ and a Gateway of █████████
All IP's on VLAN ███ have a Mask of ████████ and █████████ Gateway.

Appendix B

 VidSys Servers:

CoB Data Center: ████████████

████████████ (CoLo):
████████████████

Security Camera Strategy
Status Meeting

NOTE: For this week only: I will conduct this meeting remotely so please plan to dial in instead of attending in person.

I. Agenda-Locations / Meeting Notes / Action Items

Locations: (Updates in blue:)

- **Public Health - Jeff, Abhishek**
    - ████████████ **/ EMS Storage Facility – BPHC to review and approve quote to purchase licenses. Per Jeff – will purchase appliance for** ████████ **location at a later date when funding is allocated. Upgrading to 100MG metro Ethernet layer 2 connections. Per Brett – needs to issue DHCP (to avoid firewall reconfigs).** Juniper switch installed and VPN tunnel completed. Per Siemens, there are 15 concurrent licenses on the Genetec Core system. NOTE: the appliance is required equipment to keep cameras on line in the event of a Comcast line outage due to no redundancy. (████████████ does not need an appliance due to redundancy.) ~9 cameras.
    - ████████████ **– Site survey conducted for placement of 12 cameras. Siemens provided quote. DoIT to package proposal for cameras with wifi proposal to present to Mayor's office for funding.**
    - ████████████ **– Siemens to provide final quote. Note: wiring termination point must be to new/upgraded electrical outlets and/or closets.** The commissioner of property mgt would like to replace all the interior cameras along with what has already been surveyed. – Waiting on Leon Graves, legal, and Joe Callahan, for funding. Mike Flaherty managing.

- ████████ **New Camera Install – Camera replacements (33 cameras) completed. Project to be removed for next meeting.** Nelson analyzed the saturation of the archivers and think they are handling the load fine, storage was his main concern. We are following up on this. Per Dan ~ 70-80% saturation level is limit.

- **VidSys – Connecting State and City VidSys servers:**
    - **Interagency (BPD and MBTA) MOU –** In progress – Shawn managing.
    - **Interconnect COB & state/ MBTA systems and federate them together –** Included in MOU and will begin when MOU is approved.

- **MIT Lincoln Labs – Lincoln Labs and camera vendors are now collaborating to advance this.** DHS Sigma Program Presentation conducted 3/9.

- ████████████ **– BPD obtaining new MAC workstation with better graphic power. Ian changed the configuration of the active VidShield server (zvidsys02) to support 36 viewers per workstation.** BPD upgraded switch for 1GB handoff.

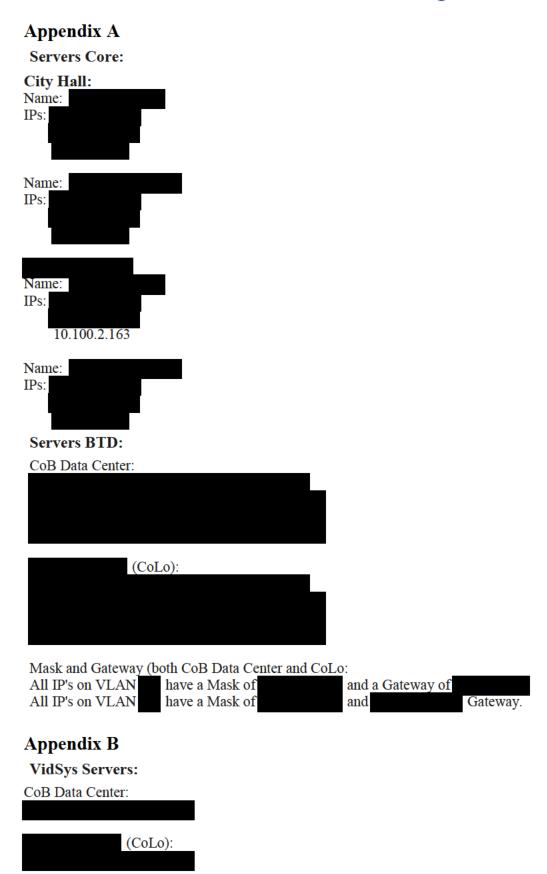- **Boston Housing Authority –** MOU done. Shawn and Vinny pushing this forward. (300 cameras, 34

facilities.)

- ████████████ **Public Works (Comcast) (Warehouse for city lighting-theft & security issues) – Quote due this week ~16 cameras and local archiver.** This ties in with ████████████ waiting on electrical connectivity for cabling to the roof.

- ████████████ – Fiber lateral to be run; Procurement & Linda to initiate bid process once contract with Crown Castle is completed. When connectivity complete, cameras will connect in to our Genetec system. Two cameras have been set up on a temporary basis via Wifi.

- **Faneuil Hall** – ████████████ – **Mike** – **Completed 3 of 4 camera installations. Will fix issue with last one and install ~ 1-2 weeks. Trialing Access 180 degree camera.**

- **Water & Sewer** – **Proposals provided and currently in review stage.** Cameras will connect to BONET; funding is all set (state agency); 67 cameras at ██████ and 37 cameras for Charlestown.

- **BFD – Headquarters and Fire alarm** – **Both locations are on BONET as core nodes. Network connectivity and access to DVTel archiver end point to be set up by networking teams (Brett/Jim).** Licenses for 2 seats and training covered by DoIT and in payment process. BFD has ordered workstation for VidSys video viewing.

- **Downtown Crossing** – **Equipment ordered. Fiber handoff at Markley to BONET to be set up.** BTD has fiber on Washington St and Wilson to look for spare(s). Phase 1=17 new cameras, $500K over 3 yrs; Shawn managing.

- **BPD HQ** – **Phase 2 to be reviewed with JPOC team on 4/4.** Phase 1 approved, Phase 2 in OEM. 2 projects: a.) cameras outside and down towards ██████ b.) cameras ████████

- **Fiber Maps** – PSNet fiber for Boston and Brookline provided and being layered on to BONET fiber mapping. Fiber mapping data for UASI region fiber; school fiber; shadow conduits; Crown Castle fiber and GlobalNaps fiber.

- **Grand Prix Event** – **Lan-Tel = vendor.** BCEC area; will require temp video cameras set up on roofs (high location above netting). Shawn managing this project and working through federal and local issues.

- **Marathon** – Preparation meeting with cross-agencies (BAA, BTD, BCEC, MBTA, etc.) to be set up.

- **Body Cams** – **RFP for pilot/demo to be released.** Pilot = ~50 cams using 3-5 systems that can store ~ 12 hours of video locally to begin this year. BPD currently running this project independently. Requested to remain on report for status updates.

II. On weekly schedule until Marathon.

Security Camera Strategy
Status Meeting

Attendees		Invited	Attended
Abhishek Khule	BPHC	X	
Brett Haynes	COB Network	X	X
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	X
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	X
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	X
Eric Johnson	LanTel	X	X
Ian Thomas	VisSys	X	X
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	X
Jeff Beers	BPHC	X	X
Jeff Wagner	VidSys	X	X
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	X
Larry Louis	COB	X	X
Louis Madeira	BPD	X	X
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	X
Mike Kane	OEM	X	X
Nelson Vasconcelos	Siemens	X	X
Rich Reidy	Siemens	X	X
Shawn Romanoski	BPD	X	X
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	X
William Joyce	MPS	X	
Wilson Aleman	BTD	X	X
Zebedeo Pena	Genetec	X	

Appendix A

Servers Core:

City Hall:

Name: ███████████

IPs: ███████████

Name: ███████████

IPs: ███████████

███████████

Name: ███████████

IPs: ███████████

10.100.2.163

Name: ███████████

IPs: ███████████

Servers BTD:

CoB Data Center:

███████████████████████

███████████████████████

███████ (CoLo):

███████████████████████

███████████████████████

Mask and Gateway (both CoB Data Center and CoLo:

All IP's on VLAN ███ have a Mask of ███████ and a Gateway of ███████

All IP's on VLAN ███ have a Mask of ███████ and ███████ Gateway.

Appendix B

VidSys Servers:

CoB Data Center:

███████████

███████ (CoLo):

███████████

Security Camera Strategy
Status Meeting – 4/13/16

Time: Wednesday, 4/13/2016, 9:00AM – 10:00AM

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x2875

I. Agenda-Locations / Meeting Notes / Action Items

Locations: (<u>Updates in bold:</u>)

- **Public Health - Jeff, Abhishek**
    - ▇▇▇▇▇▇▇ / **EMS Storage Facility – Siemens scheduling work to start ~ 4/18.** Per Jeff – will purchase appliance for ▇▇▇▇ location at a later date when funding is allocated. Upgrading to 100MG metro Ethernet layer 2 connections. Per Brett – needs to issue DHCP (to avoid firewall reconfigs). Juniper switch installed and VPN tunnel completed. Per Siemens, there are 15 concurrent licenses on the Genetec Core system. NOTE: the appliance is required equipment to keep cameras on line in the event of a Comcast line outage due to no redundancy. (▇▇▇▇ does not need an appliance due to redundancy.) ~9 cameras.
    - ▇▇▇▇▇▇ – **Site survey conducted for placement of 12 cameras. Siemens provided quote. DoIT to package proposal for cameras with wifi proposal to present to Mayor's office for funding.**
    - ▇▇▇▇▇▇▇ –**Cabling to roof to begin in next couple of weeks. Mike drafting bid for camera and cabling work. Mike to survey inside bldg for camera replacement and include in bid.** Electrical work complete. Note: wiring termination point must be to new/upgraded electrical outlets and/or closets. The commissioner of property mgt would like to replace all the interior cameras along with what has already been surveyed. Mike Flaherty managing.

- ▇▇▇▇▇▇ – **Issues on roof and Shawn and Liz Rios managing solution.** BPD obtained new MAC workstation with better graphic power and it is being set up. Ian changed the configuration of the active VidShield server (zvidsys02) to support 36 viewers per workstation. BPD upgraded switch for 1GB handoff.

- **Boston Housing Authority** – MOU complete. Shawn and Vinny pushing this forward. (300 cameras, 34 facilities.)
- ▇▇▇▇▇▇ **Public Works (Comcast) (Warehouse for city lighting-theft & security issues) – Quote provided by Siemens; currently being reviewed by Fouad. 16 cameras and local archiver. Linda to organize meeting to reassess this site.** This ties in with ▇▇▇▇▇ - electrical complete; waiting on cabling to the roof.

- ▇▇▇▇▇▇ – **Waiting on finalized agreement with Crown Castle**. Goal is to run fiber lateral from BONET to Curley Ctr. Bid process is required per legal and will begin once the agreement with Crown Castle is completed. When connectivity complete, cameras will connect in to our Genetec system. Two cameras have been set up on a temporary basis via Wifi.

- **Water & Sewer – Siemens provided Joe Crossen with quote to replace existing cameras and video system to Genetec**. Linda to organize meeting to assess how this site will connect to BONET. Funding is all set (state agency); 67 cameras at ▇▇▇▇ and 37 cameras for Charlestown.

Security Camera Strategy
Status Meeting – 4/13/16

- **BFD – Headquarters and Fire alarm – Both locations are on BONET as core nodes. DVTel is on BONET also. Network interconnectivity and access to the DVTel archiver end point to be finalized by networking teams (Brett/Jim).** Licenses for 2 seats and training covered by DoIT and in payment process. BFD has ordered workstation for VidSys video viewing.

- **Downtown Crossing – 6 cameras installed; 17 cameras total to be installed by 4/23; connection to DVTel system in progress. Fiber handoff at Markley to BONET to be set up**. Phase 1=17 new cameras, $500K over 3 yrs; Shawn managing.

- **BPD HQ** – **Phase 2 reviewed by JPOC team on 4/4 and Shawn is following up on.** Phase 1 approved, Phase 2 in OEM. 2 projects: a.) cameras outside and down towards ▮▮▮▮▮ b.) cameras ▮▮▮▮▮▮

- **VidSys – Connecting State and City VidSys servers:**
    - **Interagency (BPD and MBTA) MOU –** In progress – Shawn managing.
    - **Interconnect COB & state/ MBTA systems and federate them together** – Included in MOU and will begin when MOU is approved.

- **MIT Lincoln Labs – DVTel (and other vendor engineers) making progress with Lincoln Labs engineers on simplifying the software.** Lincoln Labs and camera vendors are now collaborating to advance this. DHS Sigma Program Presentation conducted 3/9.

- **Fiber Maps** – **Continued work.** PSNet fiber for Boston and Brookline provided and being layered on to BONET fiber mapping. Next steps will be fiber mapping data for UASI region fiber; school fiber; shadow conduits; Crown Castle fiber and GlobalNaps fiber.

- **Grand Prix Event** – **Shawn conducting site survey of route with Grand Prix team for camera placement. MOU in progress between BPD and Grand Prix event. Louis Madiera = main on-site support POC**. Lan-Tel = vendor. BCEC area; will require temp video cameras set up on roofs (high location above netting). Shawn managing this project and working through federal and local issues.

- **Marathon – On-site support Marathon day = BPD, Lan-Tel, Louis Madiera, telecom, library support and DoIT.** Preparation across agencies (DoIT, BPD, BAA, BTD, BCEC, MBTA, etc.) ongoing.

- **Body Cams – Legal requiring the equipment be purchased thru a GSA vendor. Shawn managing**. Pilot = ~50 cams using 3-5 systems that can store ~ 12 hours of video locally to begin this year. BPD currently running this project independently. Requested to remain on report for status updates.

II. On weekly schedule until Marathon.

Security Camera Strategy
Status Meeting – 4/13/16

Attendees		Invited	Attended
Abhishek Khule	BPHC	X	
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	LanTel	X	
Ian Thomas	VisSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jeff Wagner	VidSys	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	
Louis Madeira	BPD	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Zebedeo Pena	Genetec	X	

Appendix A

Servers Core:

City Hall:

Name: ████████████

IPs: ████████████
████████████

Name: ████████████

IPs: ████████████
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Name: ████████████

IPs: ████████████
10.100.2.163

Name: ████████████

IPs: ████████████
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Servers BTD:

CoB Data Center:

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████████████████████████

████████████ (CoLo):

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Mask and Gateway (both CoB Data Center and CoLo:

All IP's on VLAN ████ have a Mask of ████████ and a Gateway of ████████

All IP's on VLAN ████ have a Mask of ████████ and ████████ Gateway.

Appendix B

VidSys Servers:

CoB Data Center:

████████████████

████████████ (CoLo):

████████████████

Security Camera Strategy
Status Meeting – 4/27/16

Time:	Wednesday, 4/27/2016, 9:00AM – 10:00AM
Location:	Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)
Called by:	Linda Calnan x2875

I. Agenda-Locations / Meeting Notes / Action Items

Locations: (<u>Updates in bold:</u>)

- **Public Health - Jeff, Abhishek**
  - ███████████ **/ EMS Storage Facility – Siemens scheduling camera installation (10 cameras) work to start ~ 4/25.** Per Jeff – will purchase appliance for ███████ location at a later date when funding is allocated. The appliance is required equipment to keep cameras on line in the event of a Comcast line outage due to no redundancy. (███████ does not need an appliance due to redundancy.) BPH will be upgrading to 100MG metro Ethernet layer 2 connections. BPH is aware they need to issue DHCP (to avoid firewall reconfigs).
  - ███████████ **– DoIT to meet Monday, 4/25, to begin** package proposal for cameras with wifi proposal to present to Mayor's office for funding. Site survey conducted for placement of 12 cameras and Siemens provided the quote.
  - ███████████ **– Held meeting with Leon Graves, Bill Joyce, Mike Flaherty and the BONET NW team and determined that an internal site survey is required with the BONET team. Scheduled the survey for the week of 4/25.** Per Jerry/Ann **-** Cabling to roof to begin in next couple of weeks for external cameras. Mike drafting bid for camera and internal cabling work. Internal site survey determinations for camera replacements to be included in bid. Mike Flaherty managing.

- ███████████ **– Issues on roof with exterior cameras and Shawn and Liz Rios managing solution.** EOC able to 78+ video streams simultaneously now. Next projects to be determined by Shawn/Mike.

- **Boston Housing Authority – No new update -** MOU complete. Shawn and Vinny pushing this forward. (300 cameras, 34 facilities.)

- **City Hall Genetec Upgrade – Upgrading to v5.3. Currently working through server issues in preparation for the upgrade. Resolution expected within 1-2 weeks. Mike and Linda are managing this project.**

- ███████████ **Public Works (Comcast) (Warehouse for city lighting-theft & security issues) – Quote provided by Siemens; currently being reviewed by Fouad. 16 cameras and local archiver. Linda to organize meeting to reassess this site.** This ties in with ███████████ - electrical complete; waiting on cabling to the roof.

- ███████████ **– Waiting on finalized agreement with Crown Castle**. Goal is to run fiber lateral from BONET to Curley Ctr. Bid process is required per legal and will begin once the agreement with Crown Castle is completed. When connectivity complete, cameras will connect in to our Genetec system. Two cameras have been set up on a temporary basis via Wifi.

Security Camera Strategy
Status Meeting – 4/27/16

- **Water & Sewer – Siemens provided Joe Crossen with quote to replace existing cameras and video system to Genetec**. Does not connect to BONET. Funding is all set (state agency); 67 cameras at ██████ and 37 cameras for Charlestown.

- **BFD – Headquarters and Fire alarm – Both locations are on BONET as core nodes. DVTel is on BONET also. Network interconnectivity and access to the DVTel archiver end point to be finalized by networking teams (Brett/Jim).** Licenses for 2 seats and training covered by DoIT and in payment process. BFD has ordered workstation for VidSys video viewing.

- **Downtown Crossing – 6 cameras installed; 17 cameras total to be installed by 4/23; connection to DVTel system in progress. Fiber handoff at Markley to BONET to be set up**. Phase 1=17 new cameras, $500K over 3 yrs; Shawn managing.

- **BPD HQ** – **Phase 2 reviewed by JPOC team on 4/4 and Shawn is following up on.** Phase 1 approved, Phase 2 in OEM.   2 projects: a.) cameras outside and down towards ██████ b.) cameras ████████

- **VidSys – Connecting State and City VidSys servers:**
    - **Interagency (BPD and MBTA) MOU –** In progress – Shawn managing.
    - **Interconnect COB & state/ MBTA systems and federate them together** – Included in MOU and will begin when MOU is approved.

- **MIT Lincoln Labs – DVTel (and other vendor engineers) making progress with Lincoln Labs engineers on simplifying the software.** Lincoln Labs and camera vendors are now collaborating to advance this. DHS Sigma Program Presentation conducted 3/9.

- **Fiber Maps** – **Continued work.** PSNet fiber for Boston and Brookline provided and being layered on to BONET fiber mapping. Next steps will be fiber mapping data for UASI region fiber; school fiber; shadow conduits; Crown Castle fiber and GlobalNaps fiber.

- **Grand Prix Event** – **Shawn conducting site survey of route with Grand Prix team for camera placement. MOU in progress between BPD and Grand Prix event. Louis Madiera = main on-site support POC**. Lan-Tel = vendor. BCEC area; will require temp video cameras set up on roofs (high location above netting). Shawn managing this project and working through federal and local issues.

- **Marathon** – **On-site support Marathon day = BPD, Lan-Tel, Louis Madiera, telecom, library support and DoIT.** Preparation across agencies (DoIT, BPD, BAA, BTD, BCEC, MBTA, etc.) ongoing.

- **Body Cams – Legal requiring the equipment be purchased thru a GSA vendor. Shawn managing**. Pilot = ~50 cams using 3-5 systems that can store ~ 12 hours of video locally to begin this year. BPD currently running this project independently. Requested to remain on report for status updates.

II. On bi-weekly schedule. Will meet weekly when in preparation mode for July 4th.

Security Camera Strategy
Status Meeting – 4/27/16

Attendees		Invited	Attended
Abhishek Khule	BPHC	X	
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	LanTel	X	
Ian Thomas	VisSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jeff Wagner	VidSys	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	
Louis Madeira	BPD	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Zebedeo Pena	Genetec	X	

Appendix A

Servers Core:

City Hall:

Name: ██████████████
IPs: ████████████████
████████████████

Name: ██████████████
IPs: ████████████████
████████████████

████████████████
Name: ██████████████
IPs: ████████████████
10.100.2.163

Name: ██████████████
IPs: ████████████████
████████████████

Servers BTD:

CoB Data Center:

██████████████████████████████
██████████████████████████████

██████████ (CoLo):
██████████████████████████████
██████████████████████████████

Mask and Gateway (both CoB Data Center and CoLo:
All IP's on VLAN ██ have a Mask of ███████████ and a Gateway of ██████████
All IP's on VLAN ██ have a Mask of ███████████ and ███████████ Gateway.

Appendix B

VidSys Servers:

CoB Data Center:
██████████████████

██████████████ (CoLo):
██████████████████

Security Camera Strategy
Status Meeting – 4/6/16

Time: Wednesday, 4/6/2016, 9:00AM – 10:00AM

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x2875

I. Agenda-Locations / Meeting Notes / Action Items

Locations: **(Updates in blue:)**

- **Public Health - Jeff, Abhishek**
    - ▢▢▢▢▢▢ / **EMS Storage Facility** – **BPHC has approved quote to purchase licenses.** Per Jeff – will purchase appliance for ▢▢▢ location at a later date when funding is allocated. Upgrading to 100MG metro Ethernet layer 2 connections. Per Brett – needs to issue DHCP (to avoid firewall reconfigs). Juniper switch installed and VPN tunnel completed. Per Siemens, there are 15 concurrent licenses on the Genetec Core system. NOTE: the appliance is required equipment to keep cameras on line in the event of a Comcast line outage due to no redundancy. (▢▢▢ does not need an appliance due to redundancy.) ~9 cameras.
    - ▢▢▢▢▢ – **Site survey conducted for placement of 12 cameras. Siemens provided quote. DoIT to package proposal for cameras with wifi proposal to present to Mayor's office for funding.**
    - ▢▢▢▢▢ – **Electrical work complete. Cabling to roof to begin in next couple of weeks.** Note: wiring termination point must be to new/upgraded electrical outlets and/or closets. The commissioner of property mgt would like to replace all the interior cameras along with what has already been surveyed. Mike Flaherty managing.

- ▢▢▢▢ – BPD obtained new MAC workstation with better graphic power. Ian changed the configuration of the active VidShield server (zvidsys02) to support 36 viewers per workstation. BPD upgraded switch for 1GB handoff.

- **Boston Housing Authority** – MOU complete. Shawn and Vinny pushing this forward. (300 cameras, 34 facilities.)

- ▢▢▢▢ **Public Works (Comcast) (Warehouse for city lighting-theft & security issues)** – **Quote provided by Siemens; currently being reviewed by Fouad. 16 cameras and local archiver.** This ties in with ▢▢▢▢ - electrical complete; waiting on cabling to the roof.

- ▢▢▢▢▢ – **No new update – waiting on contract completion.** Goal is to run fiber lateral to be run; Procurement & Linda to initiate bid process once contract with Crown Castle is completed. When connectivity complete, cameras will connect in to our Genetec system. Two cameras have been set up on a temporary basis via Wifi.

- **Faneuil Hall** – ▢▢▢▢▢▢ – **Mike** – **Completed. Will remove next week.** (Trialing Access 180 degree camera at City Hall main lobby.)

- **Water & Sewer** – **Proposals provided and currently in review stage.** Cameras will connect to BONET; funding is all set (state agency); 67 cameras at ▢▢▢ and 37 cameras for Charlestown.

Security Camera Strategy
Status Meeting – 4/6/16

- **BFD – Headquarters and Fire alarm – Both locations are on BONET as core nodes. Network connectivity and access to DVTel archiver end point to be set up by networking teams (Brett/Jim).** Licenses for 2 seats and training covered by DoIT and in payment process. BFD has ordered workstation for VidSys video viewing.

- **Downtown Crossing –** Equipment ordered. Fiber handoff at Markley to BONET to be set up. BTD has fiber on Washington St and Wilson to look for spare(s). Phase 1=17 new cameras, $500K over 3 yrs; Shawn managing.

- **BPD HQ** – **Phase 2 to be reviewed with JPOC team on 4/4. Shawn to provide update.** Phase 1 approved, Phase 2 in OEM.   2 projects: a.) cameras outside and down towards ▮▮▮▮ b.) cameras ▮▮▮▮

- **VidSys – Connecting State and City VidSys servers:**
  - **Interagency (BPD and MBTA) MOU –** In progress – Shawn managing.
  - **Interconnect COB & state/ MBTA systems and federate them together** – Included in MOU and will begin when MOU is approved.

- **MIT Lincoln Labs –** Lincoln Labs and camera vendors are now collaborating to advance this. DHS Sigma Program Presentation conducted 3/9.

- **Fiber Maps** – **Continued work.** PSNet fiber for Boston and Brookline provided and being layered on to BONET fiber mapping. Next steps will be fiber mapping data for UASI region fiber; school fiber; shadow conduits; Crown Castle fiber and GlobalNaps fiber.

- **Grand Prix Event** – **Lan-Tel = vendor**. BCEC area; will require temp video cameras set up on roofs (high location above netting). Shawn managing this project and working through federal and local issues.

- **Marathon** – COB/DoIT looking to coordinate on-call support needs. Preparation across agencies (BAA, BTD, BCEC, MBTA, etc.) ongoing.

- **Body Cams – RFP for pilot/demo to be released.** Pilot = ~50 cams using 3-5 systems that can store ~ 12 hours of video locally to begin this year. BPD currently running this project independently. Requested to remain on report for status updates.

II. On weekly schedule until Marathon.

Security Camera Strategy
Status Meeting – 4/6/16

Attendees		Invited	Attended
Abhishek Khule	BPHC	X	
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	LanTel	X	
Ian Thomas	VisSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jeff Wagner	VidSys	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	
Louis Madeira	BPD	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Zebedeo Pena	Genetec	X	

Appendix A

Servers Core:

City Hall:

Name: ████████████

IPs: ██████████
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Name: ████████████

IPs: ██████████
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Name: ████████████

IPs: ██████████
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Servers BTD:

CoB Data Center:

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██████████ (CoLo):

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Mask and Gateway (both CoB Data Center and CoLo:

All IP's on VLAN ████ have a Mask of ████████████ and a Gateway of ████████████

All IP's on VLAN ████ have a Mask of ████████████ and ████████████ Gateway.

Appendix B

VidSys Servers:

CoB Data Center:

████████████████████

██████████████ (CoLo):

████████████████████

Security Camera Strategy
Status Meeting – 5/11/16

I. Agenda-Locations / 4/27 Meeting Notes / Action Items

Locations: (Updates in bold:)

Public Health - Jeff, Abhishek
- ██████████ **/ EMS Storage Facility – Camera installations complete and connected to the video network. Will remove next week.** Per Jeff – will purchase appliance for ██████ location at a later date when funding is allocated. (The appliance is required equipment to keep cameras on line in the event of a Comcast line outage due to no redundancy.)
- ██████████ **– DoIT team met and have begun drafting proposal** package for cameras with wifi proposal to present to Mayor's office for funding. Goal = complete package draft by mid-May.
- ██████████ **– Bid for cameras and inside cabling published.** Site analysis determined 3 external cameras require extended cabling which have been added to the quote & bid. Cabling to roof to completed.

- ██████████ **– Next project = July 4th preparation.**

- **Boston Housing Authority – Working on fiber run for connectivity to BONET.** Working with Sully Mac and Comcast to move this forward and obtain commitments. Will produce timeline when possible. MOU complete. (300 cameras, 34 facilities.)

- **City Hall Genetec Upgrade – Upgrade to be completed = 5/10.** Mike managing this project.

- ██████████ **Public Works (Comcast) (Warehouse for city lighting-theft & security issues) – Comcast line upgrade to 100MG pricing + router purchase presented to J. Crossen – waiting on their final approval.** Quote provided by Siemens; currently being reviewed. 16 cameras and local archiver.

- ██████████ **– No new update**. Waiting on finalized agreement with Crown Castle. Goal is to run fiber lateral from BONET to Curley Ctr. Bid process is required per legal and will begin once the agreement with Crown Castle is completed. When connectivity complete, cameras will connect in to our Genetec system. Two cameras have been set up on a temporary basis via Wifi.

- **Water & Sewer – Joe Crossen working with Siemens on camera details and quote**. (Henry Vitali = Exec Dir.) Siemens provided quote to replace existing cameras and video system to Genetec. Does not connect to BONET. Funding is all set by water & sewer (state agency); 67 cameras at ██████ and 37 cameras for Charlestown. Joe (and Linda) managing this project.

- **BFD – Headquarters and Fire alarm – Waiting on 2nd workstation which is due in this week and**

will be completed next week-5/13. Commissioner's workstation installation and video access completed. Both locations are on BONET as core nodes. High-end workstations set up for BFD HQ (Done) & Alarm (by 5/13) for video viewing. Will follow schedule, below, for 2nd workstation.

High Level Schedule	Date	Resource
2nd Workstations Received for Fire Alarm	~5/13	Jason (BFD)
Workstation Installations Completed Video Software Loaded	Target~5/19 Target~5/19	Louis (BPD) Ian (VidSys)
Network Connectivity Completed	Target~5/19	Ken (BFD) Brett (COB)
Test/Confirm Video Viewing Meets Requirements of BFD	Target~5/19	Jason (BFD) Louis (BPD)

● **Downtown Crossing – Almost complete – working on iPad integration.** Camera installs (17) completed. Network connectivity to BONET all set. Phase 1=17 new cameras, $500K over 3 yrs; Shawn managing.

• **BPD HQ** – **Both Phase 1 & 2 have been approved.** 2 projects: phase 1) cameras outside and down towards ███████ phase 2) cameras ███████

• **VidSys – Connecting State and City VidSys servers: No new update**
   o **Interagency (BPD and MBTA) MOU –** In progress – Shawn managing.
   o **Interconnect COB & state/ MBTA systems and federate them together** – Included in MOU and will begin when MOU is approved.

• **MIT Lincoln Labs – No new update – ongoing collaboration.** DVTel (and other vendor engineers) making progress with Lincoln Labs engineers on simplifying the software. Lincoln Labs and camera vendors are now collaborating to advance this. DHS Sigma Program Presentation conducted 3/9.

• **Fiber Maps** – **Linda working to obtain Loop A fiber map**. Continued work. Met with Quincy PD/FD and expect to receive fiber maps. PSNet fiber for Boston and Brookline provided and being layered on to BONET fiber mapping. Next steps will be fiber mapping data for UASI region fiber; school fiber; shadow conduits; Crown Castle fiber and GlobalNaps fiber.

• **Body Cams – Bid closed. Expecting to trial cameras this summer.** Legal requiring the equipment be purchased thru a GSA vendor. Shawn managing. Pilot = ~50 cams using 3-5 systems that can store ~ 12 hours of video locally to begin this year. BPD currently running this project independently. Requested to remain on report for status updates.

II. On bi-weekly schedule. Will meet weekly when in preparation mode for July 4th.

Security Camera Strategy
Status Meeting – 5/11/16

Attendees		Invited	Attended
Abhishek Khule	BPHC	X	
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	LanTel	X	
Ian Thomas	VisSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jeff Wagner	VidSys	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	
Louis Madeira	BPD	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Zebedeo Pena	Genetec	X	

Appendix A

Servers Core:

City Hall:

Name: ███████████

IPs: ███████████

Name: ███████████

IPs: ███████████

██████████
Name: ████████

IPs: █████████

10.100.2.163

Name: ███████████

IPs: ██████████

Servers BTD:

CoB Data Center:

██████████████████████████

████████████████████████████

███████████ (CoLo):

████████████████████████

████████████████████████

Mask and Gateway (both CoB Data Center and CoLo:

All IP's on VLAN ███ have a Mask of ██████████ and a Gateway of ████████

All IP's on VLAN ███ have a Mask of ██████████ and ██████████ Gateway.

Appendix B

VidSys Servers:

CoB Data Center:

██████████████

███████████ (CoLo):

██████████████

Security Camera Strategy
Status Meeting – 5/25/16

Time: Wednesday, 5/25/2016, 9:00AM – 10:00AM

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x2875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>:)

Public Health - Jeff, Abhishek
- o ██████████ – DoIT team continues drafting proposal package for cameras with wifi proposal to present to Mayor's office for funding. Goal = complete package draft by mid-May.
- o ██████████ – **Bid responses due by end of month.** Cabling for external cameras on roof has restarted with revised design plan. Bid for cameras and inside cabling published**.** Site analysis determined 3 external cameras require extended cabling which required revision to the design plan.

- ██████████ – Next project = July 4th preparation.

- **Boston Housing Authority – Working on fiber run for connectivity to BONET.** Working with Sully Mac and Comcast to move this forward and obtain commitments**.** Will produce timeline when possible**.** MOU complete. (300 cameras, 34 facilities.)

- **City Hall – Cameras and main workstation with large TV monitor in Mayor's PD office for additional video viewing installed and complete. BPD networking working on a workstation swapout to finalize this project. Nelson to enable iOS in Genetec for iPad devices to view cameras for designated Mayor's office personnel**.

- ██████████ **Public Works (Comcast) (Warehouse for city lighting-theft & security issues) –** Comcast line upgrade to 100MG pricing + router purchase presented to J. Crossen – waiting on their final approval. Quote provided by Siemens; currently being reviewed. 16 cameras and local archiver.

- ██████████ – **No new update**. Waiting on finalized agreement with Crown Castle. Goal is to run fiber lateral from BONET to Curley Ctr. Bid process is required per legal and will begin once the agreement with Crown Castle is completed. When connectivity complete, cameras will connect in to our Genetec system**.** Two cameras have been set up on a temporary basis via Wifi.

- **Water & Sewer – Joe Crossen working with Siemens on camera details and quote**. (Henry Vitali = Exec Dir.) Siemens provided quote to replace existing cameras and video system to Genetec. Does not connect to BONET. Funding is all set by water & sewer (state agency); 67 cameras at ██████ and 37 cameras for Charlestown. Joe (and Linda) managing this project.
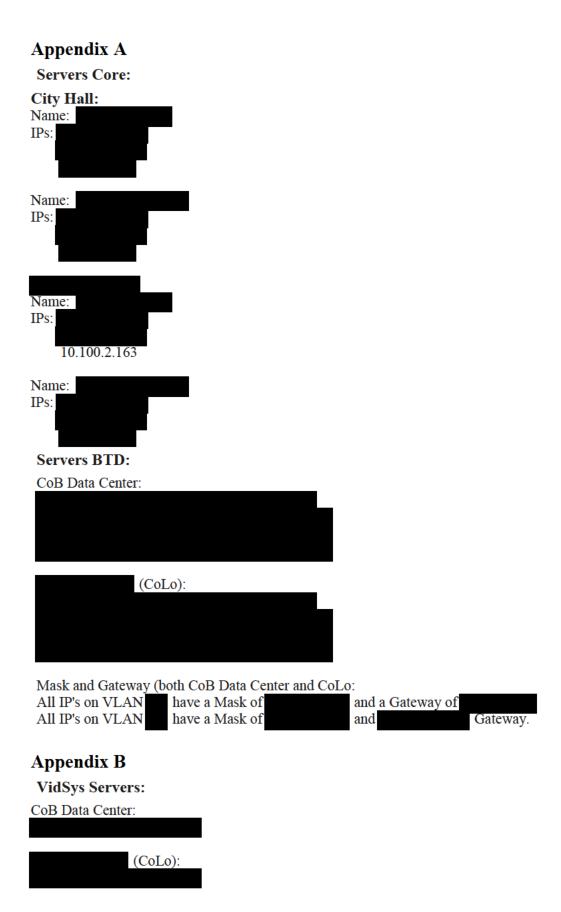
- **BFD – Headquarters and Fire alarm – Waiting on 2nd workstation which is due in this week and will be completed next week-5/13.** Commissioner's workstation installation and video access completed. Both locations are on BONET as core nodes. High-end workstations set up for BFD HQ (Done) & Alarm (by TBD) for video viewing. Will follow schedule, below, for 2nd workstation.

High Level Schedule	Date	Resource
2nd Workstations Received for Fire Alarm	~TBD	Jason (BFD)
Workstation Installations Completed Video Software Loaded	Target~ Target~	Louis (BPD) Ian (VidSys)
Network Connectivity Completed	Target~	Ken (BFD) Brett (COB)
Test/Confirm Video Viewing Meets Requirements of BFD	Target~	Jason (BFD) Louis (BPD)

- **Downtown Crossing – Almost complete – working on iPad integration. 10 cameras online.** Camera installs (17) completed. Network connectivity to BONET all set. Phase 1=17 new cameras, $500K over 3 yrs; Shawn managing.

- **BPD HQ** – Both Phase 1 & 2 have been approved. 2 projects: phase 1) cameras outside and down towards ███████ phase 2) cameras ████████

- **VidSys – Connecting State and City VidSys servers: No new update**
  - o **Interagency (BPD and MBTA) MOU –** In progress – Shawn managing.
  - o **Interconnect COB & state/ MBTA systems and federate them together** – Included in MOU and will begin when MOU is approved.

- **Fiber Maps** – **Linda provided Loop A fiber map to Mike L**. Met with Quincy PD/FD and expect to receive fiber maps. PSNet fiber for Boston and Brookline provided and being layered on to BONET fiber mapping. Next steps will be fiber mapping data for UASI region fiber; school fiber; shadow conduits; Crown Castle fiber and GlobalNaps fiber.

- **Body Cams – Bid closed. Expecting to trial cameras this summer.** Legal requiring the equipment be purchased thru a GSA vendor. Shawn managing. Pilot = ~50 cams using 3-5 systems that can store ~ 12 hours of video locally to begin this year. BPD currently running this project independently. Requested to remain on report for status updates.

Security Camera Strategy
Status Meeting – 5/25/16

II. On bi-weekly schedule. Will meet weekly when in preparation mode for July 4th.

Attendees		Invited	Attended
Abhishek Khule	BPHC	X	
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	LanTel	X	
Ian Thomas	VisSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jeff Wagner	VidSys	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	
Louis Madeira	BPD	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Zebedeo Pena	Genetec	X	

Appendix A

Servers Core:

City Hall:
Name: ██████████
IPs: ████████████

Name: ████████████
IPs: ████████████

Name: ████████████
IPs: ████████████
10.100.2.163

Name: ████████████
IPs: ████████████

Servers BTD:

CoB Data Center:
████████████████████████

████████████(CoLo):
████████████████████████

Mask and Gateway (both CoB Data Center and CoLo:
All IP's on VLAN ████ have a Mask of ████████ and a Gateway of ████████
All IP's on VLAN ████ have a Mask of ████████ and ████████ Gateway.

Appendix B

VidSys Servers:

CoB Data Center:
████████████

████████████(CoLo):
████████████

Security Camera Strategy
Status Meeting – 6/22/16

Time: Wednesday, 6/22/2016, 9:00AM – 10:00AM

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x2875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>:)

- **Public Health – Various ongoing projects:**
  - **BPHC/EMS** - Enable 45 user logins with appropriate access and coordinate Genetec training. Jeff/Linda managing.
  - ▮▮▮▮▮▮ – DoIT team continues drafting proposal package for cameras with wifi proposal to present to Mayor's office for funding. Will focus on this once PeopleSoft RFP is mostly compete ~ early July.
  - **BPHC-**▮▮▮▮▮ – new cameras needed to replace existing. Siemens to assess
  - ▮▮▮▮▮ **Cameras** – Roof camera repositioned to bldg. front. Cabling for cameras complete. Siemens reassessed camera positions. Dates being coordinated for next steps:
    - a.) order & install Ethernet extenders
    - b.) order & install cameras
    - c.) complete terminations and test cameras

- ▮▮▮▮▮ – Next project = July 4th preparation. BPD Mass State Police uplink – Mike Kane managing.

- **Boston Housing Authority – Working with BPD on obtaining the following info – Linda setting up team meeting to design (J.Surette/Shawn/Linda)** (300 cameras, 34 facilities):

  - BHA locations involved

  - # and location of cameras at the involved sites

  - Network connectivity strategy – IPsec tunnels, per Brett

- **City Hall – BTD and DoIT coordinating Genetec upgrade to 5.4 over next few weeks – Nelson/Wilson to coordinate timeline.** BTD - Joe Smith/tow lot view only access to be completed by next week.

- **Mayor's Office** - BPD networking to add new workstation (Winnie's swapout) to finalize this project. Nelson to enable iOS in Genetec for iPad devices to view cameras for designated Mayor's office personnel.

- ▮▮▮▮▮▮ – **Relocation of BPD camera network hub to BFD Engine 21 – IPs provided by BONET team; relocation in progress.**

- ▮▮▮▮▮▮ – User account set up on workstation for John Cushing to see cameras at ▮▮▮ – in progress.

- ▮▮▮▮▮ **Public Works (Comcast) (Warehouse for city lighting-theft & security issues)** –Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver. Fouod is lead for this project.

- ████████████ – Still waiting on contract or approval to move forward. Wifi cameras have been unreliable lately and have required manual adjusting. **Jascha – anything you can do to move this project forward would be great.**

- **Water & Sewer – HQ-**████████ **(78 cameras) &** ████████ **(37 cameras) - Joe Crossen working with Siemens on this.** (Henry Vitali = Exec Dir.) RFP for engineering svc's to assess video surveillance and door access systems. Then will hold public bid for upgrade/replacement work. Timeframe ~ June for engineering RFP responses.

- **BFD – Headquarters and Fire alarm – Waiting on 2ⁿᵈ workstation-Mike Kane working to resolve this issue.**

- **Downtown Crossing – 3 cameras left to install and integrate. Continued work on iPad integration.** Shawn managing.

- **BPD HQ** – **Need update from BPD**. Approved project: phase 1) cameras outside and down towards ████████ phase 2) cameras ████████ VidSys contract needs approval and PO. Jerry recommends to run extra CAT5 cable on roof for 2 cameras and wifi.

- **VidSys –** Connecting State and City VidSys servers:
  - Interagency (BPD and MBTA) MOU – **Completed**
  - Interconnect COB & state/ MBTA systems and federate them together – Included in MOU and will begin when MOU is approved.

- **BCYF –** ████████ **Fiber & Cameras – BCYF currently under construction so camera project to begin ~ 8 months. P**lan is to install pt-to-pt wireless connection and add 2 addt'l cameras to suite for a total of 15 cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially – plan is to use analog until fiber is installed. Linda/Jerry working with Ken Griffin (COB PM) and BCYF team on this**.**

- **Fiber Maps** – Fiber mapping continued - data for UASI region fiber; school fiber; shadow conduits; Crown Castle fiber and GlobalNaps fiber.

- **Body Cams – Need update from BPD.** Bid closed. Expecting to trial cameras this summer**.** Shawn managing. Pilot = ~50 cams using 3-5 systems that can store ~ 12 hours of video locally to begin this year. Storage considerations to infrastructure need to be reviewed regarding potential bandwidth hit when uploading video. BPD currently running this project independently. Requested to remain on report for status updates.

II. On bi-weekly schedule.

Attendees		Invited	Attended
Abhishek Khule	BPHC	X	
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	LanTel	X	
Ian Thomas	VisSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jeff Wagner	VidSys	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	
Louis Madeira	BPD	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Zebedeo Pena	Genetec	X	

Appendix A

Servers Core:

City Hall:

Name: █████████████

IPs: █████████████
█████████████

Name: █████████████

IPs: █████████████
█████████████

█████████████

Name: █████████████

IPs: █████████████
10.100.2.163

Name: █████████████

IPs: █████████████
█████████████

Servers BTD:

CoB Data Center:

████████████████████████████
████████████████████████████

██████████ (CoLo):

████████████████████████████
████████████████████████████

Mask and Gateway (both CoB Data Center and CoLo:

All IP's on VLAN ██ have a Mask of ████████ and a Gateway of ████████

All IP's on VLAN ██ have a Mask of ████████ and ████████ Gateway.

Appendix B

VidSys Servers:

CoB Data Center: █████████

██████████ (CoLo):

█████████████

Time:	Wednesday, 6/8/2016, 9:00AM – 10:00AM
Location:	Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)
Called by:	Linda Calnan x2875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>:)

- **Public Health - Jeff, Abhishek**
  - o ▉▉▉▉▉▉▉ – DoIT team continues drafting proposal package for cameras with wifi proposal to present to Mayor's office for funding.
  - o ▉▉▉▉▉▉▉▉ – Cabling for external cameras on roof has restarted. Bid for cameras and inside cabling awarded**.**

- ▉▉▉▉▉ – Next project = July 4th preparation.

Boston Housing Authority – Working with BPD on obtaining the following info – setting up team meeting to design (J.Surette/Shawn/Linda) (300 cameras, 34 facilities):

  - BHA locations involved

  - # and location of cameras at the involved sites
  - proposed BHA location(s) for BONET to connect to

- **City Hall – BTD and DoIT coordinating Genetec upgrade to 5.4 over next few months. Video VLAN configured to restrict external access.**   Mayor's Office - BPD networking working on a workstation swapout to finalize this project. Nelson to enable iOS in Genetec for iPad devices to view cameras for designated Mayor's office personnel.

- ▉▉▉▉▉▉▉▉▉ – **Relocation of BPD camera network hub to BFD Engine 21. BONET team and BPD working thru tasks.**

- ▉▉▉▉▉▉▉ – **Complete camera install (further details to be provided) and user account set up on workstation (location/workstation details to be provided).**

- **BCYF –** ▉▉▉▉ **Fiber & Cameras – plan is to install pt-to-pt wireless connection and add 2 addt'l cameras to suite for a total of 15 cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially – plan is to use analog until fiber is installed. Linda/Jerry working with Ken Griffin (COB PM) and BCYF team on this.**

- ▉▉▉▉▉▉▉ **Public Works (Comcast) (Warehouse for city lighting-theft & security issues) –** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver. Joe Crossen is lead for PWD.

Security Camera Strategy
Status Meeting – 6/8/16

- ███████████ – **No new update**. Waiting on finalized agreement with Crown Castle. Goal is to run fiber lateral from BONET to Curley Ctr. Bid process is required once the agreement with Crown Castle is completed. When connectivity complete, cameras will connect in to our Genetec system. Two cameras have been set up on a temporary basis via Wifi.

- **Water & Sewer – Joe Crossen working with Siemens on this.**. (Henry Vitali = Exec Dir.) Siemens provided quote to replace existing cameras and video system to Genetec. Does not connect to BONET. Funding is all set by water & sewer (state agency); 67 cameras at ███████ and 37 cameras for Charlestown. Joe Crossen is lead for PWD.

- **BFD – Headquarters and Fire alarm – Waiting on 2nd workstation, still.**

- **Downtown Crossing – Continued work on iPad integration.** Shawn managing.

- **BPD HQ** – **Need update from BPD**. Approved project: phase 1) cameras outside and down towards ███████ phase 2) cameras ███████

- **VidSys –** Connecting State and City VidSys servers:
  - Interagency (BPD and MBTA) MOU – In progress – Shawn managing.
  - Interconnect COB & state/ MBTA systems and federate them together – Included in MOU and will begin when MOU is approved.

- **Fiber Maps** – Fiber mapping continued - data for UASI region fiber; school fiber; shadow conduits; Crown Castle fiber and GlobalNaps fiber.

- **Body Cams – Need update from BPD.** Bid closed. Expecting to trial cameras this summer**.** Shawn managing. Pilot = ~50 cams using 3-5 systems that can store ~ 12 hours of video locally to begin this year. Storage considerations to infrastructure need to be reviewed regarding potential bandwidth hit when uploading video. BPD currently running this project independently. Requested to remain on report for status updates.

Security Camera Strategy
Status Meeting – 6/8/16

II. On bi-weekly schedule. Will meet weekly when in preparation mode for July 4th.

Attendees		Invited	Attended
Abhishek Khule	BPHC	X	
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	LanTel	X	
Ian Thomas	VisSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jeff Wagner	VidSys	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	
Louis Madeira	BPD	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Zebedeo Pena	Genetec	X	

Appendix A

Servers Core:

City Hall:

Name: ███████████

IPs: ███████████
███████████
███████████

Name: ███████████

IPs: ███████████
███████████
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Name: ███████████

IPs: ███████████
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10.100.2.163

Name: ███████████

IPs: ███████████
███████████
███████████

Servers BTD:

CoB Data Center:

███████████████████████████
███████████████████████████
███████████████████████████

███████████ (CoLo):

███████████████████████████
███████████████████████████
███████████████████████████

Mask and Gateway (both CoB Data Center and CoLo:

All IP's on VLAN ███ have a Mask of ███████ and a Gateway of ███████

All IP's on VLAN ███ have a Mask of ███████ and ███████ Gateway.

Appendix B

VidSys Servers:

CoB Data Center: ███████████

███████████ (CoLo):

███████████████

Security Camera Strategy
Status Meeting – 7/6/16

I. Agenda-Locations / Status Updates / Action Items

Locations: (Updates in bold:)

- **Public Health – Various ongoing projects:**
  - **BPHC/EMS** - Siemens to create 45 Genetec user logins with appropriate access. Bonet to add 14 IPs for workstations, and coordinate Genetec training. Jeff/Linda managing
  - ███████████ – DoIT team continues drafting proposal package for cameras with wifi proposal to present to Mayor's office for funding. Will focus on this once PeopleSoft RFP is mostly compete ~ July.
  - **BPHC-**████████ – new cameras needed to replace existing. Siemens to assess
  - ████████████**Cameras** –
    a.) order & install Ethernet extenders - **completed**
    b.) order & install cameras (6 interior & 8 exterior) - **completed**
    c.) complete terminations and test cameras = 7/15

- ████████████ – BPD Mass State Police uplink – Mike Kane managing.

- **Boston Housing Authority – Linda working with Steve, BHA, on setting up a team meeting, to review the BONET proposal for connectivity** (300 cameras, 34 facilities)**. Working with BPD on obtaining the following info**:

  - BHA locations involved

  - # and location of cameras at the involved sites

  - Network connectivity strategy – IPsec tunnels between video VPN and BHA locations-██████ ████

- **City Hall** – BTD and DoIT coordinating Genetec upgrade to 5.4 over next few weeks – Nelson/Wilson to coordinate timeline. **BTD** - **completed** - Joe Smith/tow lot view only access to be completed by next week.

- **Mayor's Office** - BPD networking to support final workstation swapout to complete this project, based on Winnie's schedule. Nelson to enable iOS in Genetec for iPad devices to view cameras for designated Mayor's office personnel.

- ████████████████ – **Relocation of BPD camera network hub to BFD Engine 21** – IPs provided by BONET team; relocation in progress.

- ██████████ **Public Works (Comcast) (Warehouse for city lighting-theft & security issues)** –Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver. Fouod is lead for this project.

Security Camera Strategy
Status Meeting – 7/6/16

- ██████████████ – Still waiting on contract or approval to move forward. Wifi cameras have been unreliable lately and have required manual adjusting.

- **Water & Sewer – HQ-**███████████ **(78 cameras) &** ████████ **(37 cameras) - Joe Crossen working with Siemens on this.** (Henry Vitali = Exec Dir.) RFP for engineering svc's to assess video surveillance and door access systems. Then will hold public bid for upgrade/replacement work. Timeframe ~ June for engineering RFP responses.

- **BFD – Headquarters and Fire alarm –** Waiting on 2nd workstation-Mike Kane working to resolve this issue.

- **Downtown Crossing - 3 cameras left to install and integrate. iPad integration = successful.** Shawn managing.

- **BPD HQ** – **BPD waiting for OEM to release funds**. Approved project: phase 1) cameras outside and down towards ████████ phase 2) cameras ████████ VidSys contract needs approval and PO. Jerry recommends running extra CAT5 cable on roof for 2 cameras and wifi.

- **VidSys –** Connecting State and City VidSys servers:
  o Interconnect COB & state/ MBTA systems and federate them together – Included in MOU and will begin when MOU is approved.

- **BCYF –** ████████ **Fiber & Cameras – BCYF currently under construction so camera project to begin ~ 8 months. P**lan is to install pt-to-pt wireless connection and add 2 addt'l cameras to suite for a total of 15 cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially – plan is to use analog until fiber is installed. Linda/Jerry working with Ken Griffin (COB PM) and BCYF team on this**.**

- **Fiber Maps** – Fiber mapping continued - data for UASI region fiber; school fiber; shadow conduits; Crown Castle fiber and GlobalNaps fiber.

- **Body Cams – In union negotiations.** Hoping to trial cameras this fall**.** Shawn managing. Pilot = ~50 cams using 3-5 systems that can store ~ 12 hours of video locally to begin this year. Storage considerations to infrastructure need to be reviewed regarding potential bandwidth hit when uploading video. BPD currently running this project independently. Requested to remain on report for status updates.

- ██████████ – **New project -** proposal = 4 cameras and wiring. Project being organized.

Security Camera Strategy
Status Meeting – 7/6/16

II. On bi-weekly schedule.

Attendees		Invited	Attended
Abhishek Khule	BPHC	X	
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	LanTel	X	
Ian Thomas	VisSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jeff Wagner	VidSys	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	
Louis Madeira	BPD	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Zebedeo Pena	Genetec	X	

Appendix A

Servers Core:

City Hall:

Name: ███████████

IPs: ███████████

Name: ███████████

IPs: ███████████

███████████
Name: ███████████

IPs: ███████████

10.100.2.163

Name: ███████████

IPs: ███████████

Servers BTD:

CoB Data Center:

███████████████████████

██████████ (CoLo):

███████████████████████

Mask and Gateway (both CoB Data Center and CoLo:

All IP's on VLAN ███ have a Mask of ██████████ and a Gateway of ████████

All IP's on VLAN ███ have a Mask of ██████████ and ██████████ Gateway.

Appendix B

VidSys Servers:

CoB Data Center:

███████████

██████████ (CoLo):

███████████

Security Camera Strategy
Status Meeting – 8/3/16

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x2875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>:)

- **Public Health – Various ongoing projects:**
    - **BPHC/EMS** - Siemens to create 45 Genetec user logins with appropriate access. Bonet to add 14 IPs for workstations, and coordinate Genetec training. Jeff/Linda managing
    - ▓▓▓▓▓▓▓▓ – DoIT team continues drafting proposal package for cameras with wifi proposal to present to Mayor's office for funding. Will focus on this once PeopleSoft RFP is mostly compete ~ Aug.
    - **BPHC-**▓▓▓▓▓▓▓ – **1 camera needed maintenance. Issue addressed. Will remove on next report.**
    - ▓▓▓▓▓▓ **Cameras – project completed 7/29. Will remove on next report.**

- ▓▓▓▓▓▓ – **No new update or projects.** BPD Mass State Police uplink – Mike Kane managing.

- **Boston Housing Authority – Linda working with Steve (Shawn to provide another contact to get this moving), BHA, on setting up a team meeting, to review the BONET proposal for connectivity** (300 cameras, 34 facilities)**. Working with BPD on obtaining the following info**:

    - BHA locations involved

    - # and location of cameras at the involved sites

    - Network connectivity strategy – IPsec tunnels between video VPN and BHA locations-▓▓▓▓▓▓▓▓

- **City Hall –** BTD and DoIT coordinating Genetec upgrade to 5.3/4 over next few weeks – Nelson/Wilson to coordinate timeline. Quote provided to BTD. Linda to set up next meeting.

- **Mayor's Office** – **Workstation project complete for tracking**. Remaining - Nelson to enable iOS in Genetec for iPad devices to view cameras for designated Mayor's office personnel.

- ▓▓▓▓▓▓▓▓▓▓ – **Relocation of BPD camera network hub to BFD Engine 21 – Relocation in progress – estimate 3-4 weeks left to complete.**

- ▓▓▓▓▓▓▓ **Public Works (Comcast) (Warehouse for city lighting-theft & security issues) –** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver. Fouod is lead for this project. **Linda contacting another POC – Paul Taylor to try to get this project moving forward**.

- ▓▓▓▓▓▓▓▓ – **7/29 – installed on-site server and enabled existing cameras to begin recording locally. Plan to install (next week) 1GB microwave to connect to BONET to enable recording and viewing locally and at City Hall**. Continue to wait on contract or approval to move forward. Wifi cameras have been unreliable lately and have required manual adjusting.

Security Camera Strategy
Status Meeting – 8/3/16

- **Water & Sewer – HQ-**███████████ **(78 cameras) &** ██████████ **(37 cameras) - Joe Crossen working with Siemens on this.** (Henry Vitali = Exec Dir.) RFP for engineering svc's to assess video surveillance and door access systems. Then will hold public bid for upgrade/replacement work. Timeframe ~ June for engineering RFP responses.

- **BFD – Headquarters and Fire alarm –** Waiting on 2nd workstation-Mike Kane working to resolve this issue.

- ████████████ **– New project -** proposal = 4 cameras and wiring. Project being organized.

- **Downtown Crossing – Need update -** 3 cameras left to install and integrate. iPad integration = successful**.** Shawn managing.

- **BPD HQ** – **Need update** - **BPD waiting for OEM to release funds**. Approved project: phase 1) cameras outside and down towards ██████████ phase 2) cameras ██████████ VidSys contract needs approval and PO. Jerry recommends running extra CAT5 cable on roof for 2 cameras and wifi.

- **VidSys –** Connecting State and City VidSys servers:
    - Interconnect COB & state/ MBTA systems and federate them together – Included in MOU and will begin when MOU is approved.
    - Annual maintenance contract renewed by BPD.

- **BCYF –** ██████████ **Fiber & Cameras – BCYF currently under construction so camera project to begin ~ 8 months. P**lan is to install pt-to-pt wireless connection and add 2 addt'l cameras to suite for a total of 15 cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially – plan is to use analog until fiber is installed. Linda/Jerry working with Ken Griffin (COB PM) and BCYF team on this**.**

- **Fiber Maps** – Fiber mapping continued - data for UASI region fiber; school fiber; shadow conduits; Crown Castle fiber and GlobalNaps fiber.

- **Body Cams – In union negotiations.** Hoping to trial cameras this fall**.** Shawn managing. Pilot = ~50 cams using 3-5 systems that can store ~ 12 hours of video locally to begin this year. Storage considerations to infrastructure need to be reviewed regarding potential bandwidth hit when uploading video. BPD currently running this project independently. Requested to remain on report for status updates.

Security Camera Strategy
Status Meeting – 8/3/16

II. On monthly schedule for the summer.

Attendees		Invited	Attended
Abhishek Khule	BPHC	X	
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	LanTel	X	
Ian Thomas	VisSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jeff Wagner	VidSys	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	
Louis Madeira	BPD	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Zebedeo Pena	Genetec	X	

Security Camera Strategy
Status Meeting – 8/31/16

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>:)

- **Public Health – Various ongoing projects:**
  - **BPHC/EMS – Same update** - Siemens to create 45 Genetec user logins with appropriate access. **Genetec training required before enabling the logins. Training quote provided to Jean Cannata.** Jeff/Linda managing**.**

- ▮▮▮▮▮▮▮▮▮▮ **– 8/29 – Rebidding camera piece, per Security. Bids received for 29 new cameras and needed to rebid due to technical issues with the responses. Upgrading 4 BONET switches with new internal fibe this week. Invoice for microwave link ($7288) provided to procurement. Federation of cameras in to Core NW for BPD/BFD to view to occur after switch upgrade complete.** (Fiber connectivity to BONET - Continue to wait on contract or approval to move forward.)

- **Boston Housing Authority –** Linda working with Mauori, BHA, on setting up a team meeting after Labor Day, to review the BONET proposal for connectivity (300 cameras, 34 facilities). Working to obtain the following info:

  - BHA locations involved

  - # and location of cameras at the involved sites

  - Network connectivity strategy – IPsec tunnels between video VPN and BHA locations-▮▮▮▮▮▮▮

- **City Hall –** BTD and DoIT coordinating Genetec upgrade to 5.4 over next few weeks – Nelson/Wilson to coordinate timeline. Quote provided to BTD for 40 licenses. **DoIT to set up VMs for BTD**.   Linda set up next meeting for 8/31.

- **Mayor's Office** – Remaining - Nelson to enable iOS in Genetec for iPad devices to view cameras for designated Mayor's office personnel – **plan to test out around 8/31.**

- ▮▮▮▮▮▮▮▮ **Public Works (Comcast) (Warehouse for city lighting-theft & security issues) –** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver. Fouod is lead for this project. **Linda contacted another POC – Paul Taylor to try to get this project moving forward**.

- **Water & Sewer – HQ-**▮▮▮▮▮▮▮ **(78 cameras) &** ▮▮▮▮▮ **(37 cameras) - Joe Crossen working with Siemens on this.** (Henry Vitali = Exec Dir.) RFP for engineering svc's to assess video surveillance and door access systems. Then will hold public bid for upgrade/replacement work.

- **BFD – Headquarters and Fire alarm – Same update -** Waiting on 2nd workstation – waiting on OEM. An email has been sent to OEM requesting a status update.

Security Camera Strategy
Status Meeting – 8/31/16

- **████████** – **4 cameras and wiring** – Sully Mac roughed in cables as first step. Camera installation beginning.

- **Downtown Crossing –** Phase 1 = complete (15 cameras installed). Phase 2 to begin in next few weeks, waiting for funding. Shawn managing.

- **BPD HQ** – **Same update** - **BPD waiting for OEM to release funds**. Approved project: phase 1) cameras outside and down towards ████ phase 2) cameras ████████ VidSys contract needs approval and PO. Jerry recommends running extra CAT5 cable on roof for 2 cameras and wifi.

- **████████** **Same update** - DoIT team continues drafting proposal package for cameras with wifi proposal to present to Mayor's office for funding. Will focus on this once PeopleSoft RFP is mostly compete ~ Aug.

- **VidSys –** Connecting State and City VidSys servers:
    - Interconnect COB & state/ MBTA systems and federate them together – Included in MOU and will begin when MOU is approved.
    - Annual maintenance contract renewed by BPD.

- **BCYF –** ████████ **Fiber & Cameras – BCYF currently under construction so camera project to begin ~ 8 months. RFP to be released by BCYF in ~3-4 weeks ~ 9/30.** Plan is to install pt-to-pt wireless connection and add 2 add'l cameras to suite for a total of 15 cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially – plan is to use analog until fiber is installed. Linda/Jerry working with Ken Griffin (COB PM) and BCYF team on this**.**

- **Fiber Maps** – Fiber mapping continued - data for UASI region fiber; school fiber; shadow conduits; Crown Castle fiber and GlobalNaps fiber.

- **Body Cams – In union negotiations.** Hoping to trial cameras this fall**.** Shawn managing. Pilot = ~50 cams using 3-5 systems that can store ~ 12 hours of video locally to begin this year. Storage considerations to infrastructure need to be reviewed regarding potential bandwidth hit when uploading video. BPD currently running this project independently. Requested to remain on report for status updates.

- **Training –** Training on VidSys, Genetec and DVTel for Louie/BPD to support camera viewing workstation issues. Training approved by Chief Daley and being set up by Linda.

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	LanTel	X	
Ian Thomas	VisSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jeff Wagner	VidSys	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	
Louis Madeira	BPD	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Zebedeo Pena	Genetec	X	

<h1 style="text-align:center; color:#3a5a8c;">Security Camera Strategy
Status Meeting – 9/14/16</h1>

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>:)

- **Public Health – Various ongoing projects:**
  - **BPHC/EMS – On hold per BPHC** - Siemens to create 45 Genetec user logins with appropriate access. **Genetec training required before enabling the logins. Training quote provided to Jean Cannata.** Jeff/Linda managing**.**

- ▓▓▓▓▓▓▓▓▓▓ **– Siemens won bid for the installation of internal (29) cameras. Currently in award process-no dates set yet. Exterior (5) cameras and PTZ replaced. Invoice for microwave link ($7288) provided to procurement. Federation of cameras in to Core NW for BPD/BFD to view to occur after switch upgrade complete.** (Fiber connectivity to BONET - Continue to wait on contract or approval to move forward.)

- **Boston Housing Authority – Moving forward with network connectivity strategy** – IPsec tunnels between video VPN and BHA locations-▓▓▓▓▓▓▓▓▓▓

- **City Hall –** BTD and DoIT coordinating Genetec upgrade to 5.4 over next few weeks – Nelson/Wilson to coordinate timeline. Quote provided to BTD for 40 licenses. **DoIT setting up VMs for BTD – completed**.

- **Mayor's Office** – Remaining - Nelson to enable iOS in Genetec for iPad devices to view cameras for designated Mayor's office personnel – **plan to test on 9/14.**

- ▓▓▓▓▓▓▓▓ **Public Works (Comcast) (Warehouse for city lighting-theft & security issues) – On Hold** Siemens provided quote for 16 cameras and local archiver. Fouod is lead for this project. **Linda contacted another POC – Paul Taylor to try to get this project moving forward**.

- **Water & Sewer – HQ-**▓▓▓▓▓▓▓▓ **(78 cameras) &** ▓▓▓▓▓▓ **(37 cameras) - Joe Crossen working with Siemens on this this – RFP awarded. In final stages of hiring Robt. LaGassee to manage.**

- **BFD – Headquarters and Fire alarm – Mistake with PO corrected at OEM and workstation to be shipped -** Waiting on 2nd workstation.

- ▓▓▓▓▓▓ **– 4 cameras and wiring** – **in progress** – Camera installations in progress. Cameras will route through Security core hub.

- **Downtown Crossing –** Phase 1 = complete (15 cameras installed). Phase 2 to begin in next few weeks, waiting for funding. Shawn managing.

- **BPD HQ** – **Same update** - **BPD waiting for OEM to release funds, which is dependent on Shawn providing the planned locations of cameras to OEM**. Approved project: phase 1) cameras outside and down towards ▓▓▓▓▓ phase 2) cameras ▓▓▓▓▓ VidSys contract needs approval and PO. Jerry recommends running extra CAT5 cable on roof for 2 cameras and wifi.

- ▓▓▓▓▓▓▓ **Same update** - DoIT team continues drafting proposal package for cameras with wifi proposal to present to Mayor's office for funding. Network and Telecom teams to meet on this.

- **VidSys –** Connecting State and City VidSys servers:
  - Interconnect COB & state/ MBTA systems and federate them together – Included in MOU and will begin when MOU is approved.

- **BCYF –** ▓▓▓▓▓▓ **Fiber & Cameras – BCYF currently under construction so camera project to begin ~ 8 months. RFP to be released by BCYF in ~3-4 weeks.** Plan is to install pt-to-pt wireless connection and add 2 add'l cameras to suite for a total of 15 cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially – plan is to use analog until fiber is installed. Linda/Jerry working with Ken Griffin (COB PM) and BCYF team on this**.**

- **Fiber Maps** – Fiber mapping continued - data for UASI region fiber; school fiber; shadow conduits; Crown Castle fiber and GlobalNaps fiber.

- **Body Cams – Pilot approved to begin 9/12.** Shawn managing. Pilot = ~50 cams using 3-5 systems that can store ~ 12 hours of video locally to begin this year. Storage considerations to infrastructure have been reviewed with BPD regarding potential bandwidth hit when uploading video. BPD does not think uploading this video (somewhat simultaneously) will cause any technical issues. BPD currently running this project independently. Requested to remain on report for status updates.

- **Training –** Training on VidSys, Genetec and DVTel for Louie/BPD to support camera viewing workstation issues. Training approved by Chief Daley and being set up by Linda.

Security Camera Strategy
Status Meeting – 9/14/16

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	LanTel	X	
Ian Thomas	VisSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jeff Wagner	VidSys	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	
Louis Madeira	BPD	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Zebedeo Pena	Genetec	X	

Security Camera Strategy
Status Meeting – 9/28/16

Time: Wednesday, 9/28/2016, 9:00AM – 10:00AM (Back to bi-weekly schedule. Next meeting = 10/12/2016)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x2875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>:)

- **Public Health – Various ongoing projects:**
    - **BPHC/EMS – On hold per BPH – Enabled 2 admin logins for Jeff +1 (kle) for basic level support**. Genetec training required before enabling the 25 user logins. Training quote provided to Jean Cannata.

- ███████████ – **Siemens completed the installation of internal (29) cameras**. **Invoice for 4 permanent switches to replace current switches provided to procurement – 8/4.** Invoice for microwave link ($7288) provided to procurement-8/17**.** (Fiber connectivity to BONET - Continue to wait on contract or approval to move forward.)

- **Boston Housing Authority –Instructed to set up another meeting with BHA to discuss the connectivity strategy and video sharing with BPD. Meeting to be ~10/5.** Strategy = IPsec tunnels between video VPN and BHA locations-███████████

- **City Hall –** DoIT coordinating BTD Genetec upgrade to 5.3. Timeline:
    9/30 – preparation and federation complete
    10/6 – training complete
    10/12 – cutover/upgrade complete

- **Mayor's Office** – iOS testing successful and stable thus far. Plan to provide to security staff `9/30-10/7, dependent on their schedule.

- ███████████ **Public Works (Comcast) (Warehouse for city lighting-theft & security issues) – On Hold -** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver.

- **Water & Sewer – HQ-**███████████ **(78 cameras) &** ████████ **(37 cameras) - Joe Crossen working with Siemens on this – Same update -** RFP awarded. In final stages of hiring Robt. LaGassee to manage.

- **BFD – Headquarters and Fire alarm – Same update - mistake with PO corrected at OEM and workstation to be shipped -** Waiting on 2nd workstation.

- ███████████ **– 4 cameras and wiring – completed**. Will remove for next week.

- **Downtown Crossing –Phase 2 projects have started**. Shawn managing.

- **BPD HQ – BPD waiting for OEM to release funds**. Approved project: phase 1) cameras outside and down towards ████████ phase 2) cameras ████████ VidSys contract needs approval and PO.

- ▮▮▮▮▮▮▮▮ **Same update** - DoIT team continues drafting proposal package for cameras with wifi proposal to present to Mayor's office for funding. First draft to be ready for review by 10/7.

- **VidSys –** Connecting State and City VidSys servers:
    - Interconnect COB & state/ MBTA systems- completed.
    - Federate the systems together – Included in MOU and will begin when MOU is approved.
    - Annual maintenance contract renewed by BPD.

- **BCYF –** ▮▮▮▮▮▮ **Fiber & Cameras – BCYF currently under construction so camera project to begin ~ 8 months. RFP has been released by BCYF.** Plan is to install pt-to-pt wireless connection and add 2 add'l cameras to suite for a total of 15 cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially – plan is to use analog until fiber is installed. Linda/Jerry working with Ken Griffin (COB PM) and BCYF team on this**.**

- **Fiber Maps** – **Linda and Dan met with Mike regarding Crown Castle fiber contract progress**. **Instructed to allow for more time for contract completion.** Fiber mapping continued - data for UASI region fiber; school fiber; shadow conduits; Crown Castle fiber and GlobalNaps fiber.

- **Body Cams – Pilot began 9/12.** Shawn managing. Pilot = ~100 cams using 2 systems (Veview & Tazor) that can store ~ 12 hours of video locally to begin this year. Storage considerations to infrastructure have been reviewed with BPD regarding potential bandwidth hit when uploading video. BPD does not think uploading this video (somewhat simultaneously) will cause any technical issues. Upon successful pilot, will deploy 2000 cameras. BPD currently running this project independently. Requested to remain on report for status updates.

Critical Task:

1.) Training for Louie to be certified with VidSys, Genetec and DVTel required – Chief Daley approved and Linda/Louie to proceed. **Training on Genetec set up for Nov. Working on Dates for Vidsys training.**

Security Camera Strategy
Status Meeting – 9/28/16

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	LanTel	X	
Ian Thomas	VisSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jeff Wagner	VidSys	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	
Louis Madeira	BPD	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Zebedeo Pena	Genetec	X	

Time: Wednesday, 10/11/2017, 9:00AM – 10:00AM (Next meeting = 10/25/2017)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (Updates in bold)

- **City Hall Core System Upgrades: Ongoing**
    - o **City Hall Physical Video Servers migrating to Virtual Servers – project scope –** virtualize the remaining video servers – mostly Muni-Security servers. **Virtual servers set up on Friday, 10/6. Siemens confirming set up and access. Migration will complete by 10/31 – solidifying date(s) this week.**
    - o **City Hall core system to upgrade to Genetec 5.5** (from 5.3) – upgrade completed. Found a bug in the Genetec software with BHA's federation and the number of cameras involved. Bug fix via patch release loaded and tested last week. Tested successfully, confirm by BPD. Issue resolved. Project complete. Will remove for next update.

- ██████████████ **– Update 3 of the 4 new cameras installed. 4ᵗʰ camera to be installed by 10/13.** Mike managing.

- **BCYF –** █████████ **– Update - Rob Flaherty waiting on approval for PO for cameras**.

- **BCYF -** ████████████████ – **Update – Camera quote provided.** Pt-to-pt wireless and switch being provided by DoIT. Installation and cabling to be covered by BCYF. Rob Flaherty working on POs**.**

- **BCYF –** ██████████████████████ **– Update - Camera quote provided to OEM. Mike Sulprizio approving of PO to remediate fiber** (~$3800). Networking, wifi and VoIP equipment (DoIT) and 7-9 cameras (BCYF). DoIT providing networking equipment. BCYF to share cost of cameras with OEM. BCYF to cover fiber remediation costs. DoIT, BCYF and OEM working together on this project.

- **BCYF –** █████ **Cameras –** Camera views to be set by vendor – Mike Sulprizio managing.

- ███████████ **– Update** – Fiber and Radient **box moves scheduled for 10/17**, managed by Dennis Dutra. Cabling and jacks to be managed by Telecom/Networking. Notes: DND states they do not have funding and are looking for help. No camera infrastructures can be set up until funding is made available. DND may escalate to obtain funding. Jerry/Brett/Linda met Leo, Melodi and their GC regarding: a.) New request by GC to move fiber DMARC; b.) Melodi's request to move the networking equipment; and, c.) Brett/Jerry's requirement to establish a new network cabinet in a common area for 7x24 access, etc. Successful meeting, and, the DMARC move and cabling will be covered under the project's contract as a change order. DoIT and DND may split costs for network components.

- ████████ **– Update -** Possible cabling issues – Linda and Joe working thru these. ████████ is replacing existing cameras with 50+ new IP cameras and new Cisco switches to support their camera infrastructure as part of a larger construction project. Linda and Joe Smith managing.

● ███ One camera needs to be able to read/see license plates. Cameras to feed in to Genetec system for Muni-Sec view access. Existing conduit run to pumps may be used. Currently there is a switch at the fuel pump that connects to BoNet via wireless set up. Network engineering to conduct needs analysis. Siemens and Sully Mac providing quotes.

● **Downtown Crossing – Two new projects for downtown to begin. Will check with Shawn on tracking.** Shawn/Louie managing.

● **Chinatown – Same update –** 3-4 cameras left to complete due to power issue. Expect to complete project next week.   Shawn/Louie managing.

● **BPD HQ** – Update: **Site walk-thru conducted last week**. **Equipment received**. Shawn/Louie managing.

● **Citywide Camera project hosted by OEM/Rene. Next meeting = TBD.**   Working with Shawn on camera mappings. All agencies have submitted lat/long for their cameras except for BPHC. Shawn producing consolidated map.

✕ **On Hold -** ███████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) - Spoke to Fuoud on this and will discuss further when he returns from vacation ~11/1.** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver.

✕ **On Hold - Water & Sewer – HQ-**███████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget issues.** Joe Crossen is managing.

✕ **On Hold – BCYF -** ████████ - Due to renovations for ~12 months.

✕ **On Hold – BCYF –** ████████████ – Due to pool closed for winter. **.** Site will be set up to record video on-site via local DVR instead of setting up connectivity to BoNet in an effort to save costs as only 2 cameras are needed**.**

Roadblocks / Critical issues:
● None**.**

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 10/11/17

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

Security Camera Strategy
Status Meeting – 10/24/17

Time: Wednesday, 10/24/2017, 9:00AM – 10:00AM (Next meeting = 11/8/2017)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **City Hall Core System Upgrades: Ongoing**
  - **City Hall Physical Video Servers migrating to Virtual Servers –** virtualize the remaining video servers – mostly Muni-Security servers. **Working thru v.server set up issues and access which is taking longer than expected due to resource constraints. Goal for migration to complete by TBD once server issues are resolved.**

- ▆▆▆▆▆▆▆▆ **– Same update –** 3 of the 4 new cameras installed. 4th camera not live. **Mike is working to determine the cause (cabling is OK).** Mike managing.

- **BCYF –** ▆▆▆▆▆▆ **– Same update –** Rob Flaherty waiting on approval for PO for cameras.

- **BCYF -** ▆▆▆▆▆▆▆▆▆▆ **– Update – Camera quote updated with lower pricing.** Pt-to-pt wireless and switch being provided by DoIT. Installation and cabling to be covered by BCYF – Rob Flaherty working on POs.

- **BCYF –** ▆▆▆▆▆▆▆▆ **– Update – Camera quote updated with addt'l pic required by OEM. Mike Sulprizio approving of PO to remediate fiber** (~$3800). Networking, wifi and VoIP equipment (DoIT) and 7-9 cameras (BCYF). DoIT providing networking equipment. BCYF to share cost of cameras with OEM. BCYF to cover fiber remediation costs. DoIT, BCYF and OEM working together on this project.

- ▆▆▆▆▆▆ **– New Update –** [COMPLETED = Fiber and Radient **box moves scheduled for 10/17**, managed by Dennis Dutra. Fiber cabling to be moved by Sully Mac on 10/17, coordinated with Comcast move.] To be completed: Network cabling to kitchen & Melodi's office; cabinet installation and new jacks.   Notes: DND states they do not have funding and are looking for help. No camera infrastructures can be set up until funding is made available. DND may escalate to obtain funding. Jerry/Brett/Linda met Leo, Melodi and their GC regarding: a.) New request by GC to move fiber DMARC – 10/17 - **completed**; b.) Melodi's request to move the networking equipment; and, c.) Brett/Jerry's requirement to establish a new network cabinet in a common area for 7x24 access, etc. The DMARC move and cabling will be covered under the project's contract as a change order. DoIT and DND may split costs for network components.

- ▆▆▆▆▆▆▆▆▆ is replacing existing cameras with 50+ new IP cameras and new Cisco switches to support their camera infrastructure as part of a larger construction project. Linda and Joe Smith managing.

- ▆▆▆▆▆▆▆▆▆▆▆▆▆▆▆▆▆▆▆▆ One camera needs to be able to read/see license plates. Cameras to feed in to Genetec system for Muni-Sec view access. Existing conduit run to pumps may be used. Currently there is a switch at the fuel pump that connects to BoNet via wireless set up. Network engineering to conduct needs analysis.

- **Downtown Crossing – Two new projects for downtown to begin. Will check with Shawn on tracking.** Shawn/Louie managing.

- **Chinatown – –** 3-4 cameras left to complete due to power issue. Expect to complete project next week. Shawn/Louie managing.

- **BPD HQ** – Equipment received. Shawn/Louie managing.

- **Citywide Camera project hosted by OEM/Rene. Next meeting = TBD.**   Working with Shawn on camera mappings. All agencies have submitted lat/long for their cameras except for BPHC. Shawn producing consolidated map.

- ☓ **On Hold -** ▇▇▇▇▇▇▇▇ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) - Spoke to Fuoud on this and will discuss further when he returns from vacation ~11/1.** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

- ☓ **On Hold - Water & Sewer – HQ-** ▇▇▇▇▇▇ **(78 cameras) &** ▇▇▇▇ **(37 cameras) – On hold due to budget issues.** Obtaining new contact to work with.

- ☓ **On Hold – BCYF -** ▇▇▇▇ - Due to renovations for ~12 months.

- ☓ **On Hold – BCYF –** ▇▇▇▇▇▇ – Due to pool closed for winter. **.** Site will be set up to record video on-site via local DVR instead of setting up connectivity to BoNet in an effort to save costs as only 2 cameras are needed**.**

Roadblocks / Critical issues:

- None**.**

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 10/24/17

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

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Security Camera Strategy
Status Meeting – 12/6/17

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Time: Cancelling 11/22 meeting due to Holiday. (Next meeting = 12/6/2017)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **City Hall Core System Upgrades: Ongoing**
  - o **City Hall Physical Video Servers migrating to Virtual Servers – Virtual servers and access for admins – set up completed 11/17. Loading Genetec software and prepping directory and archiver servers this week. Migration scheduled for 11/29, Wed.**
  - o **MSP/BTD/BHA/BPD Video Share** – Network connectivity completed. Federation work completed 11/17. MSP to confirm video access to BPD cameras. Working thru MOUs and access to BHA and BTD cameras. This is a major positive step for improving our public safety collaboration.

- **BCYF -** ███████████████████ **– Same Update –** Pt-to-pt wireless and switch being provided by DoIT and scheduled to be installed the week of 11/27. (Cabling to be from roof to 2nd floor closet for termination.)

- **BCYF –** █████████████████████████ **– Update –First step: Fiber remediation = 11/25**. Networking, wifi and VoIP equipment (DoIT) and 7-9 cameras (BCYF). DoIT providing networking equipment. BCYF to share cost of cameras with OEM. OEM obtaining final approval for cameras. DoIT, BCYF and OEM working together on this project.

- ██████████ **– Update** –Next steps: Cabling to kitchen & Melodi's office; cabinet installation, network equipment move and new jacks. **Waiting on Leo/Melodi to provide PO**. Linda to push this forward again.

- ████████████████████████ **– Update** - replacing 4 cameras ██████████ with high-res cameras – Quotes for fiber run and cameras provided to Maurice/PWD for POs. Cameras to integrate to Genetec system for Muni-Sec view access.

- ████████ **– Same Update** - ████████ is replacing existing cameras with 50+ new IP cameras and new Cisco switches to support their camera infrastructure as part of a larger construction project. Requested status update from PM managing the construction project. Linda and Joe Smith managing.

- **BPD Camera projects – Two new projects for downtown to begin. ~41 new cameras.** Shawn/Louie managing.

- **Chinatown – – May be competed and will obtain update.** 3-4 cameras left to complete due to power issue. Expect to complete project next week.   Shawn/Louie managing.

- **BPD HQ** – **Same update** - Equipment received. Shawn/Louie managing.

- **Citywide Camera project hosted by OEM/Rene. Next meeting = TBD.** Working with Shawn on camera mappings. Most agencies have submitted lat/long for their camera locations. Shawn producing consolidated map.

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- **Video Sharing MOU & Governance** – Establishing cross-agency MOUs and a standard Governance for video sharing agencies to approve and use.

- **Private Company Camera Share** – Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. We are leading this effort and working with the Seaport Leadership Group.

- ✕ **On Hold -** ▇▇▇▇▇▇▇▇ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

- ✕ **On Hold - Water & Sewer – HQ-**▇▇▇▇▇▇ **(78 cameras) &** ▇▇▇▇ **(37 cameras) – On hold due to budget issues.** Obtaining new contact to work with.

- ✕ **BCYF –** ▇▇▇▇▇ **– On Hold –** Due to lack of funding.

- ✕ **On Hold – BCYF -** ▇▇▇▇ - Due to renovations for ~12 months.

- ✕ **On Hold – BCYF –** ▇▇▇▇▇▇ – Due to pool closed for winter. **.** Site will be set up to record video on-site via local DVR instead of setting up connectivity to BoNet in an effort to save costs as only 2 cameras are needed**.**

Roadblocks / Critical issues:

- None**.**

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 12/6/17

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade/John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

Security Camera Strategy
Status Meeting – 11/8/17

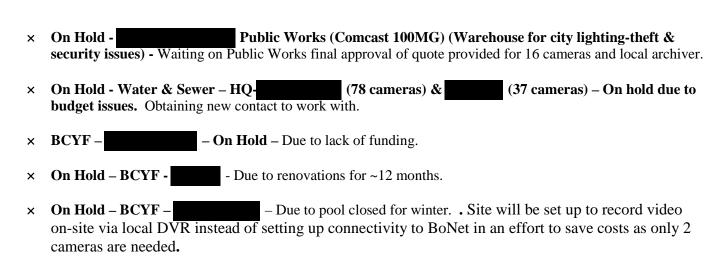Time: Wednesday, 11/8/2017, 9:00AM – 10:00AM (Next meeting = 11/22/2017)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (Updates in bold)

- **City Hall Core System Upgrades: Ongoing**
  - **City Hall Physical Video Servers migrating to Virtual Servers –** virtualize the remaining video servers – mostly Muni-Security servers. **Virtual servers and access for admins – set up complete. Preparing for migration. Completion ~ 11/15.**
    - **MSP/BTD Video Share –** Network connectivity completed. Working thru MOU & integration.

- ████████████ **– Update –** All 4 cameras are up and running now. Project complete. Will remove next week.

- **BCYF -** ██████████████████ **– Same Update –** Camera quote updated with lower pricing. Pt-to-pt wireless and switch being provided by DoIT. (Cabling to be from roof to 2nd floor closet for termination.) Installation and cabling to be covered by BCYF – Rob Flaherty working on POs.

- **BCYF –** ████████████████████████ **– Update –First step: Fiber remediation = 11/25**. Networking, wifi and VoIP equipment (DoIT) and 7-9 cameras (BCYF). DoIT providing networking equipment. BCYF to share cost of cameras with OEM. DoIT, BCYF and OEM working together on this project.

- ████████████ **– Update –**Next steps: Cabling to kitchen & Melodi's office; cabinet installation, network equipment move and new jacks. Linda to push this forward again.

- ██████████████████ **– Update -** replacing 4 cameras ████████ with License Plate reader camera(s) – Quotes for fiber run and cameras provided to Maurice/PWD for POs. Cameras to integrate to Genetec system for Muni-Sec view access.

- ████████ **– Same Update -** ████████ is replacing existing cameras with 50+ new IP cameras and new Cisco switches to support their camera infrastructure as part of a larger construction project. Requested status update from PM managing the construction project. Linda and Joe Smith managing.

- **Downtown Crossing – Two new projects for downtown to begin. Will check with Shawn on tracking.** Shawn/Louie managing.

- **Chinatown – –** 3-4 cameras left to complete due to power issue. Expect to complete project next week. Shawn/Louie managing.

- **BPD HQ –** Equipment received. Shawn/Louie managing.

- **Citywide Camera project hosted by OEM/Rene. Next meeting = TBD.** Working with Shawn on camera mappings. Most agencies have submitted lat/long for their camera locations. Shawn producing consolidated map.

×   **On Hold -** ▉▉▉▉▉▉▉▉▉ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

×   **On Hold - Water & Sewer – HQ-**▉▉▉▉▉▉▉ **(78 cameras) &** ▉▉▉▉ **(37 cameras) – On hold due to budget issues.** Obtaining new contact to work with.

×   **BCYF –** ▉▉▉▉▉▉ **– On Hold –** Due to lack of funding.

×   **On Hold – BCYF -** ▉▉▉▉ - Due to renovations for ~12 months.

×   **On Hold – BCYF –** ▉▉▉▉▉▉ – Due to pool closed for winter. **.** Site will be set up to record video on-site via local DVR instead of setting up connectivity to BoNet in an effort to save costs as only 2 cameras are needed**.**

Roadblocks / Critical issues:
- None**.**

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 11/8/17

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade/John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

<p style="text-align:center">Security Camera Strategy
Status Meeting – 1/18/17</p>

Time:	Wednesday, 1/18/2017, 9:00AM – 10:00AM (Bi-weekly schedule. Next meeting = 2/1/2017)
Location:	Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)
Called by:	Linda Calnan x2875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>:)

- **Public Health – Same update:**
    - o **BPHC/EMS – 1 workstation requires re-configuring. Louie to resolve this issue and conduct the training – goal= Jan2017 (based on schedules).**

    - o BPHC adding 6 cameras – need update from Jeff/BPHC.

- **Boston Housing Authority – Same update:** BPD to pay, ($2211.76=quote) for camera federation in to City Hall core camera network. Next step – once PO for federation is received, Siemens will configure and test integration between the Genetec servers at BHA and at City Hall. (400+ cameras; BPD=view only access).

- **BRA/BTD – ▮▮▮▮▮▮▮▮▮▮▮▮ – Preparing for Tall Ships – 6/17-6/22 – will add temp cameras on roofs, per Shawn/BPD.** Network and camera work completed. Security desk at ▮▮▮▮ ▮▮▮ moving to ▮▮▮▮▮ – delayed per John O'Brien (waiting on new date).

- **City Hall Core System & Municipal Security System:**
    - **A**.) **New archivers for muni security video storage** – Isilon upgrade to City Hall cluster = **1/18 (Rutter needed to complete the upgrade)**, date to upgrade cluster at 1▮▮▮▮▮ = next week. Once complete, will incorporate in new video VMs.

    - o **B.) BTD system upgrade**: VidSys upgrade to 7.7.1 in progress – Cutover of core system dependent on Isilon upgrade and tentatively scheduled for Jan. Once VidSys upgrade complete, will upgrade BTD Genetec system to SCv5.5 – working with MBTA on their testing of this version. Still tracking for project completion = 1/31/17.

- **BFD – Fire Alarm access to BPD Cameras – BoNet team and BPD network team working to establish a secure tunnel for this access.** Connectivity thru BPD network to core video system in progress – Jim Fitz and Brett working this issue with their teams.

- ▮▮▮▮▮▮▮▮ Proposal review scheduled for late Jan.   First draft of the proposal released for DoIT review.

- **VidSys – Upgrading City Hall core to v7.7.1** - Tracking to complete ~ 1/31. Working with MBTA on federation for Genetec.

- ▮▮▮▮▮▮▮▮▮ - **Camera Federation to City Hall Core System** - DoIT to pay for federation of cameras in to City Hall core network for BPD, BFD and Muni-security to view – received quote of $1,238.07 to complete – Waiting on PO (submitted 11/23) to move forward. Security to enable Genetec 5.4 on Mike Suprizio's

workstation – Mike F. to manage and provide Brett with workstation IP. (Fiber connectivity to BoNet – is included in Mike Lynch dark fiber RFP.)

- **Downtown Crossing –** DTX 2 complete. DTX 3 camera installs to begin this month. Shawn/Louie managing.

- **Chinatown – Same update –** Camera installations have begun. Project in progress. Louie/Shawn managing.

- **BPD HQ** – **Same update** - BPD waiting for OEM to release funds based on environmental approval. Shawn/Louie managing.

- **BPD & Coast Guard – Harbor Installation of ~21 cameras** – Shawn to provide update.

- ▮▮▮▮▮▮▮▮ **Guard shack – On Hold - due to contract negotiations. New cameras to be installed** for add'l views of City Hall. Mike is managing.

- ▮▮▮▮▮▮▮▮▮ **Public Works (Comcast) (Warehouse for city lighting-theft & security issues) – On Hold -** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver.

- **Water & Sewer – HQ-**▮▮▮▮▮▮▮ **(78 cameras) &** ▮▮▮▮▮ **(37 cameras) – On Hold - due to budget issues.** Joe Crossen is managing.

- **BCYF –** ▮▮▮▮▮▮▮ **Fiber & Cameras –**Plan to install pt-to-pt wireless connection for 15+ cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially. (Fiber connectivity to BoNet – is included in Mike Lynch dark fiber RFP.)

- **Fiber Maps** – **Same updates**: Mike working with vendors to solidify contracts. Linda working with Genetec on camera mapping.

- **Body Cams – Pilot began 9/12.** Shawn/Louie managing. Pilot in progress and successful.

- **Training for Louie to be certified with VidSys and DVTel approved by Chief.** VidSys training ~ 7/2017; DVTel ~ 2/2017

- **January 18th** – Siemens to give Genetec Security Center Overview – Discuss improvements, advantages and compatibility.

 Roadblocks / Critical issues:
- None**.**

Security Camera Strategy
Status Meeting – 1/18/17

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	LanTel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jeff Wagner	VidSys	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	
Louis Madeira	BPD	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	

Time: Wednesday, 12/20/2017, 9:00AM – 10:00AM (Next meeting = 1/17/2018)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

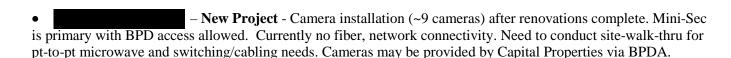# I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **City Hall Core System Upgrades: Ongoing**
  - o **City Hall Physical Video Servers migrating to Virtual Servers – Project complete, all issues resolved. Will remove for next report.**
  - o **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras. Working thru MOUs and access to BHA and BTD cameras for ~Jan.

- **BCYF -** ████████████████ **– Update – Network connectivity to BoNet established.** Waiting on BCYF to provide PO for cameras.

- **BCYF –** ████████████████ **– Update – Network connectivity to BoNet established. OEM has approved camera request. Linda and Mike S. to complete EHP.**

- ████████ **– Update** –Next steps: Cabling to kitchen & Melodi's office; cabinet installation, network equipment move and new jacks. **Waiting on Leo/Melodi to provide PO**. Linda has sent multiple reminders.

- ████████████ **– Update -** Fiber installed and connected to BoNet network. PO for cameras issued and cameras have been ordered. Camera install = by 12/31. (Replacing 4 cameras ████████ with high-res cameras.).

- ████████████ is replacing existing cameras with 54 new Pelco IP cameras and new Cisco switches to support their camera infrastructure. Anise Electric won bid to do camera installs. Muni-Sec and Siemens to integrate cameras in to Genetec. Joe requesting ~60 IPs for current and possible future cameras. **Linda scheduling another team meeting with Joe for updates.**

- **BPD Camera projects – Two new projects for downtown to begin. ~41 new cameras.**   Shawn/Louie managing.

- **Chinatown – Update -** 1 camera left to complete. Expect to complete project by 12/31. Lan-Tel currently redirected to emergency installs/higher priority projects. Shawn/Louie managing.

- **BPD HQ** – **Update** – Phase 1 completed. Phase 2 waiting on new funding ~ Jan. Shawn/Louie managing.

- **BPD Emergency Install –** ████████████████████ – increase in crime causing this emergency installation of cameras needed before 12/31. IPs provided. Network upgrade to support this in progress.

- **BPD Priority Install –** ████████████ – IPs provided. Will use existing network connectivity.

- ██████████████ – **New Project** - Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA.

- **Citywide Camera project hosted by OEM/Rene. Next meeting = TBD.**   Shawn producing consolidated map.

- **Video Sharing MOU & Governance** – Establishing cross-agency MOUs and a standard Governance for video sharing agencies to approve and use.

- **Private Company Camera Share** – Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. We are leading this effort and working with the Seaport Leadership Group. Possible meeting next week or in Jan.

- ☒ **On Hold -** ██████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

- ☒ **On Hold - Water & Sewer – HQ-**██████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget issues.** Obtaining new contact to work with.

- ☒ **BCYF –** ████████████ **– On Hold –** Due to lack of funding.

- ☒ **On Hold – BCYF -** ████████ - Due to renovations for ~12 months.

- ☒ **On Hold – BCYF –** ██████████████ – Due to pool closed for winter. Site will be set up to record video on-site via local DVR instead of setting up connectivity to BoNet in an effort to save costs as only 2 cameras are needed**.**

Roadblocks / Critical issues:
- None**.**

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 12/20/17

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade/John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

Time: Wednesday, 12/6/2017, 9:00AM – 10:00AM (Next meeting = 12/20/2017)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **City Hall Core System Upgrades: Ongoing**
  - o **City Hall Physical Video Servers migrating to Virtual Servers – Project complete. Will remove for next report.**
  - o **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras. Working thru MOUs and access to BHA and BTD cameras for ~Jan.

- **BCYF -** ██████████████████ **– Update – Pt-to-pt wireless and switch installed by DoIT on 11/29**. Waiting on BCYF to provide PO for cameras.

- **BCYF –** ████████████████████ **– Update –Fiber, cabling and network set up completed 11/25**. OEM has approved camera request. Waiting on BCYF to provide PO for cameras.

- ████████████ **– Update** –Next steps: Cabling to kitchen & Melodi's office; cabinet installation, network equipment move and new jacks. **Waiting on Leo/Melodi to provide PO**. Linda has sent multiple reminders.

- ███████████████████ **– Update** - replacing 4 cameras ██████████ with high-res cameras – fiber run to be completed by 12/15. PWD to provide PO for cameras this week.

- ███████████████████ is replacing existing cameras with 54 new Pelco IP cameras and new Cisco switches to support their camera infrastructure as part of a larger construction project. Anise Electric to do install. Joe requesting ~60 IPs for current and possible future cameras.

- **BPD Camera projects – Two new projects for downtown to begin. ~41 new cameras.** Shawn/Louie managing.

- **Chinatown – – May be competed and will obtain update.** 3-4 cameras left to complete due to power issue. Expect to complete project next week.   Shawn/Louie managing.

- **BPD HQ** – **Update** – Cameras to be installed by end of Dec. Shawn/Louie managing.

- ██████████████ **– New Project** - Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA.

- **Citywide Camera project hosted by OEM/Rene. Next meeting = TBD.** Shawn producing consolidated map.

- **Video Sharing MOU & Governance** – Establishing cross-agency MOUs and a standard Governance for video sharing agencies to approve and use.

- **Private Company Camera Share** – Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. We are leading this effort and working with the Seaport Leadership Group. Possible meeting next week or in Jan.

- ✕ **On Hold -** ▮▮▮▮▮▮▮▮ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

- ✕ **On Hold - Water & Sewer – HQ-**▮▮▮▮▮▮ **(78 cameras) &** ▮▮▮▮ **(37 cameras) – On hold due to budget issues.** Obtaining new contact to work with.

- ✕ **BCYF –** ▮▮▮▮▮▮ **– On Hold –** Due to lack of funding.

- ✕ **On Hold – BCYF -** ▮▮▮▮ - Due to renovations for ~12 months.

- ✕ **On Hold – BCYF –** ▮▮▮▮▮▮ – Due to pool closed for winter. Site will be set up to record video on-site via local DVR instead of setting up connectivity to BoNet in an effort to save costs as only 2 cameras are needed**.**

Roadblocks / Critical issues:
- None**.**

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 12/6/17

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade/John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

Security Camera Strategy
Status Meeting – 1/4/17

Time: Wednesday, 1/4/2017, 9:00AM – 10:00AM (Bi-weekly schedule. Next meeting = 1/18/2017)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x2875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>:)

- **Public Health – Same update:**
  - o **BPHC/EMS – 1 workstation requires re-configuring. Louie to resolve this issue and conduct the training – goal= Jan2017 (based on schedules).**

- **Boston Housing Authority – Same update:** BPD to pay, ($2211.76=quote) for camera federation in to City Hall core camera network. Next step – test communication between the Genetec servers at BHA and at City Hall – waiting on Mauori to set up access for Genetec/Nelson. (400+ cameras; BPD=view only access)

- **BRA/BTD –** ▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮ **– Preparing for Tall Ships – 6/17-6/22 – will add temp cameras on roofs, per Shawn/BPD.** Network and camera work completed. Security desk at ▮▮▮▮ ▮▮▮ moving to ▮▮▮▮▮▮ – delayed per John O'Brien (waiting on new date).

- **City Hall Core System & Municipal Security System:**
  - o **A.) New archivers for muni security video storage – Isilon upgrade required, then will incorporate in new video VMs – ongoing for this week.**
  - o **B.) BTD system upgrade**: VidSys upgrade to 7.7.1 in progress – **VidSys tested successfully with DVTel system (Genetec tested successfully)**. Cutover of core system to be scheduled for early-mid Jan. Once VidSys upgrade complete, will upgrade BTD Genetec system- SCv5.5 (release 12/1) – working with MBTA on their testing of this version. Still tracking for project completion = 1/31/17.

- **BFD – Fire Alarm – Same update:** Workstation installation complete. Connectivity thru BPD network to core video system in progress – Jim Fitz working this issue.

- ▮▮▮▮▮▮▮▮ Proposal review scheduled for next week.   First draft of the proposal released for DoIT review.

- **VidSys – Upgrading City Hall core to v7.7.1 - Upgrade testing = successful with BPD and City Hall. Working with MBTA on federation for VidSys and Genetec.**

- ▮▮▮▮▮▮▮▮▮▮ **- DoIT to pay for federation of cameras in to City Hall core network for BPD, BFD and Muni-security to view – received quote of $1238.07 to complete – Waiting on PO (submitted 11/23) to move forward**.   Security to enable Genetec 5.4 on Mike Suprizio's workstation – Mike F. to manage and provide Brett with workstation IP. (Fiber connectivity to BoNet – is included in Mike Lynch dark fiber RFP.)

Security Camera Strategy
Status Meeting – 1/4/17

- **Downtown Crossing – Same update -** Site survey completed. To be presented to City Council in next month. Shawn managing.

- **Chinatown – Same update –** Camera installations have begun. Project in progress. Louie/Shawn managing

- **BPD HQ** – **Same update** - BPD waiting for OEM to release funds.

- ▮▮▮▮▮▮▮ **Guard shack – On Hold - due to contract negotiations. New cameras to be installed** for add'l views of City Hall. Mike is managing.

- ▮▮▮▮▮▮▮ **Public Works (Comcast) (Warehouse for city lighting-theft & security issues) – On Hold -** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver.

- **Water & Sewer – HQ-**▮▮▮▮▮▮ **(78 cameras) &** ▮▮▮▮▮ **(37 cameras) – On Hold - due to budget issues.** Joe Crossen is managing.

- **BCYF –** ▮▮▮▮▮▮ **Fiber & Cameras –**Plan to install pt-to-pt wireless connection for 15+ cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially. (Fiber connectivity to BoNet – is included in Mike Lynch dark fiber RFP.)

- **Fiber Maps** – **Same updates**: Mike working with vendors to solidify contracts. Linda working with Genetec on camera mapping.

- **Body Cams – Pilot began 9/12.** Shawn/Louie managing. Pilot in progress and successful.

- **Training for Louie to be certified with VidSys and DVTel approved by Chief.** VidSys training ~ Q12017

- **January 18th** – Siemens to give Genetec Security Center Overview – Discuss improvements, advantages and compatibility.

Roadblocks / Critical issues:

- None**.**

Security Camera Strategy
Status Meeting – 1/4/17

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	LanTel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jeff Wagner	VidSys	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	
Louis Madeira	BPD	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	

Time: Wednesday, 2/1/2017, 9:00AM – 10:00AM (Bi-weekly schedule. Next meeting = 2/15/2017)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x2875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>:)

- **Public Health – Same update:**
  o BPHC adding 6 cameras – Jeff to confirm and provide timeline.

- **Boston Housing Authority – Siemens in the process of configuring and testing the federation** - e**xpected completion = 2/3**. (400+ cameras; BPD=view only access).

- **BRA/BTD –** ███████████████████ **– Preparing for Tall Ships – 6/17-6/22 –** will add temp cameras on roofs, per Shawn/BPD.

- **City Hall Core System & Municipal Security System:**
  - **A**.) **New archivers for muni security video storage** – Isilon upgrade for City Hall cluster = completed 1/18 – successful. Isilon cluster upgrade for colo-████ St. = Wed, 2/1 from 2-4pm. Once complete, we will incorporate new video VMs.

  - o **B.) BTD system upgrade**: VidSys upgrade to 7.7.1 in progress – Cutover of core system dependent on Isilon upgrade (in progress). With VidSys upgrade, will upgrade BTD Genetec system to SCv5.5. Striving for upgrade of system to be completed = 2/17/17; workstation upgrade – ongoing.

- **BFD – Fire Alarm access to BPD Cameras –** Network connectivity completed. Access and logins being set up. Will test with BFD next week, based on availability.

- ██████████ Proposal review scheduled for late Jan.   First draft of the proposal released for DoIT review.

- **VidSys – Upgrading City Hall core to v7.7.1** - Tracking to complete system upgrade ~ 2/17/17**.**

- ██████████ - **Camera Federation to City Hall Core System** - PO sent to Siemens on 1/20. **Federation work to begin this week, hopefully.** Security to enable Genetec 5.4 on Mike Suprizio's workstation – Mike F. to manage (when he gets back from medical leave) and provide Brett with workstation IP. (Fiber connectivity to BoNet – is included in Mike Lynch dark fiber RFP.)

- **Downtown Crossing –** DTX 2 complete. DTX 3 camera installs to begin this month. Shawn/Louie managing.

- **Chinatown – Same update –** Camera installations have begun. Project in progress. Louie/Shawn managing.

- **BPD HQ** – **Same update** - BPD waiting for OEM to release funds based on environmental approval. Shawn/Louie

managing.

- **BPD & Coast Guard – Harbor Installation of ~21 cameras** – Shawn to provide update and to assign Linda to team.

- ██████████ **Guard Shack – On Hold - due to contract negotiations. New cameras to be installed** for add'l views of City Hall. Mike is managing.

- ██████████ **Public Works (Comcast) (Warehouse for city lighting-theft & security issues) – On Hold -** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver.

- **Water & Sewer – HQ-**██████████ **(78 cameras) &** ████████ **(37 cameras) – On Hold - due to budget issues.** Joe Crossen is managing.

- **BCYF –** ████████ **Fiber & Cameras – Construction scheduled to complete ! June 2017.** Plan to install pt-to-pt wireless connection for 15+ cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially. (Fiber connectivity to BoNet – is included in Mike Lynch dark fiber RFP.)

- **Fiber Maps** – **Initial GIS map of Comcast fiber for COB in final stages and being reviewed internally.** Linda to work with Genetec on camera mapping.

- **Body Cams –** Pilot began 9/12, 50% complete, successful thus far. Shawn/Louie managing. Pilot in progress and successful.

- **Training for Louie to be certified with VidSys and DVTel approved by Chief.** VidSys training ~ 7/2017; DVTel ~ 2/2017

 Roadblocks / Critical issues:

- None**.**

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	LanTel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jeff Wagner	VidSys	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	
Louis Madeira	BPD	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	

Security Camera Strategy
Status Meeting – 2/1/17

Time:	Wednesday, 2/1/2017, 9:00AM – 10:00AM (Bi-weekly schedule. Next meeting = 2/15/2017)
Location:	Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)
Called by:	Linda Calnan x2875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>:)

- **Public Health – Same update:**
    - BPHC adding 6 cameras – Jeff to confirm and provide timeline.

- **Boston Housing Authority – Siemens in the process of configuring and testing the federation** - e**xpected completion = 2/3**. (400+ cameras; BPD=view only access).

- **BRA/BTD –** ███████████████████ **– Preparing for Tall Ships – 6/17-6/22 –** will add temp cameras on roofs, per Shawn/BPD.

- **City Hall Core System & Municipal Security System:**
    - **A**.) **New archivers for muni security video storage** – Isilon upgrade for City Hall cluster = completed 1/18 – successful. Isilon cluster upgrade for colo-████ St. = Wed, 2/1 from 2-4pm. Once complete, we will incorporate new video VMs.

    - **B.) BTD system upgrade**: VidSys upgrade to 7.7.1 in progress – Cutover of core system dependent on Isilon upgrade (in progress). With VidSys upgrade, will upgrade BTD Genetec system to SCv5.5. Striving for upgrade of system to be completed = 2/17/17; workstation upgrade – ongoing.

- **BFD – Fire Alarm access to BPD Cameras –** Network connectivity completed. Access and logins being set up. Will test with BFD next week, based on availability.

- ██████████ Proposal review scheduled for late Jan.   First draft of the proposal released for DoIT review.

- **VidSys – Upgrading City Hall core to v7.7.1** - Tracking to complete system upgrade ~ 2/17/17**.**

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- **Downtown Crossing –** DTX 2 complete. DTX 3 camera installs to begin this month. Shawn/Louie managing.

- **Chinatown – Same update –** Camera installations have begun. Project in progress. Louie/Shawn managing.

- **BPD HQ** – **Same update** - BPD waiting for OEM to release funds based on environmental approval. Shawn/Louie

managing.

- **BPD & Coast Guard – Harbor Installation of ~21 cameras** – Shawn to provide update and to assign Linda to team.

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- **Water & Sewer – HQ-**███████████ **(78 cameras) &** ████████ **(37 cameras) – On Hold - due to budget issues.** Joe Crossen is managing.

- **BCYF –** ████████ **Fiber & Cameras – Construction scheduled to complete ! June 2017.** Plan to install pt-to-pt wireless connection for 15+ cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially. (Fiber connectivity to BoNet – is included in Mike Lynch dark fiber RFP.)

- **Fiber Maps** – **Initial GIS map of Comcast fiber for COB in final stages and being reviewed internally.** Linda to work with Genetec on camera mapping.

- **Body Cams –** Pilot began 9/12, 50% complete, successful thus far. Shawn/Louie managing. Pilot in progress and successful.

- **Training for Louie to be certified with VidSys and DVTel approved by Chief.** VidSys training ~ 7/2017; DVTel ~ 2/2017

 Roadblocks / Critical issues:

- None**.**

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
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Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	

Time: Wednesday, 3/1/2017, 9:00AM – 10:00AM (Bi-weekly schedule. Next meeting = 3/15/2017)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x2875

I. Agenda-Locations / Status Updates / Action Items

Locations: (**<u>Updates in bold</u>:**)

- **BHA – Still working thru video streaming issues. Testing by BPD for viewing BHA cameras was successful. Project estimated to complete by 3/15.** - (400+ cameras; BPD=view only access).

- **22 Drydock:**
  - o **Sail Boston - Ready date = 6/10; events start 6/12**:
    - ➢ BoNet team, BPD, BFD, BRA, OEM conducted addt'l site walk-thru**s** focusing specifically on 1.) BoNet bandwidth upgrades; 2.) add'l switches for data port needs; 3.) 2nd floor telecom room reorganization with BoNet equipment; 4.) possible redundancy options. (BPD to handle cabling from 2nd floor to 3rd floor, per Shawn.)
    - ➢ Next steps: 1.) Detailed write up with estimated costs provided to OEM – by 2/28 –DoIT and OEM – partials have been written and distributed for direction and info sharing (Linda and Mike Kane) 3.) DoIT& BPDA to follow up with access to I&D Bldg outward facing cameras.
  - o Security desk at ███████ moving to ███████ – delayed per John O'Brien (waiting on new date). Tracking this due to camera moves involved.

- **City Hall Core System & Municipal Security System:**
  - o **A**.) **New archivers for muni security video storage** – **Current issue: Isilon shares can't connect to servers. Need Core upgraded to Genetec 5.5** – working thru logistics. Estimated project completion = 3/31

  - o **B.) BTD system upgrade**: **Had to troubleshoot issues, work continues** - VidSys upgrade to 7.7.1 and Genetec system upgrade SCv5.5 in progress. Tracking for project completion = 3/31/17

- **BFD – Fire Alarm access to BPD Cameras –** PSnet network change required. Waiting on Chuck Wade to complete **– Chuck has been reminded.**

- ███████ **Same update:** Proposal review scheduled for late Jan due to schedule conflicts and the holidays. First draft of the proposal released for DoIT review.

- **VidSys – Upgrading City Hall core to v7.7.1 – Same update:** Work in progress. Tracking to complete ~ 3/31. Working with MBTA on federation for Genetec systems.

- ███████████ **Camera Federation to City Hall core system – Federation to City Hall completed.** Mike to install Genetec 5.4 on Mike Suprizio's workstation – by 2/28.

- **Downtown Crossing – DTX 3 complete**. Moving on to next phase. Shawn/Louie managing.

- **Chinatown – Installation in progress – 20 of 37 cameras complete – expected completion ~mid-March**. BPD working with captain and local business to put cameras on roofs. Louie/Shawn managing

- **BPD HQ** – **2/13 BPD rec'd OK to Proceed**.

- **BPD & Coast Guard, Harbor Installation** - ~27 cameras to BPD DVTel system. Lan-Tel to install cameras. **2/13 BPD rec'd OK to Proceed**. Shawn managing.

- ███████████ **Guard shack – On Hold -** due to contract negotiations. New cameras to be installed for add'l views of City Hall. Mike is managing.

- ███████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) – On Hold -** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver.

- **Water & Sewer – HQ-**███████████ **(78 cameras) &** ████████ **(37 cameras) – On Hold - due to budget issues.** Joe Crossen is managing.

- **BCYF –** ███████████ **Fiber & Cameras – Same update: Construction scheduled to complete ~June 2017.** Plan to install pt-to-pt wireless connection for 15+ cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially. (Fiber connectivity to BoNet – is included in Mike Lynch dark fiber RFP.)

- **Fiber Maps** – **GIS map of Comcast fiber for COB - completed.**   Linda working with Genetec on camera mapping.

- **Body Cams –** Pilot extended to June. Pilot began 9/12, successful thus far. Shawn/Louie managing next steps.

- **Training for Louie to be certified with VidSys and DVTel approved by Chief.**   - VidSys training ~ 7/2017; **DVTel ~ 2/28/2017**

 Roadblocks / Critical issues:

- None**.**

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennon	Lan-Tel	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	

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Security Camera Strategy
Status Meeting – 3/15/17

</div>

Time:	Wednesday, 3/15/2017, 9:00AM – 10:00AM (Bi-weekly schedule. Next meeting = 3/29/2017)
Location:	Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)
Called by:	Linda Calnan x2875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold:</u>)

- **BHA – Still working thru video streaming issues. Testing by BPD for viewing BHA cameras was successful. Project estimated to complete by 3/15.** - (400+ cameras; BPD=view only access).

- ██████████
    - o **Sail Boston - Ready date = 6/10; events start 6/12**:
        - ➤ BoNet team, BPD, BFD, BRA, OEM conducted addt'l site walk-thrus focusing specifically on 1.) BoNet bandwidth upgrades; 2.) add'l switches for data port needs; 3.) 2nd floor telecom room reorganization with BoNet equipment; 4.) possible redundancy options.
        - ➤ Next steps: 1.) Detailed write up with estimated costs provided to OEM – by 2/28 –DoIT and OEM – partials have been written and distributed for direction and info sharing (Linda and Mike Kane) 3.) DoIT& BPDA to follow up with access to I&D Bldg outward facing cameras.
    - o Security desk at ████████ moving to ████████ – delayed per John O'Brien (waiting on new date). Tracking this due to camera moves involved.

- **City Hall Core System & Municipal Security System:**
    - o **A**.) **New archivers for muni security video storage** – **Current issue: Isilon shares can't connect to servers. Need Core upgraded to Genetec 5.5** – working thru logistics. Estimated project completion = 3/31

    - o **B.) BTD system upgrade**: **Had to troubleshoot issues, work continues** - VidSys upgrade to 7.7.1 and Genetec system upgrade SCv5.5 in progress. Tracking for project completion = 3/31/17

- **BFD – Fire Alarm access to BPD Cameras –** PSnet network change required. Waiting on Chuck Wade to complete **– Chuck has been reminded.**

- ████████   **Same update:** Proposal review scheduled for late Jan due to schedule conflicts and the holidays. First draft of the proposal released for DoIT review.

- **VidSys – Upgrading City Hall core to v7.7.1** – **Same update:** Work in progress. Tracking to complete ~ 3/31. Working with MBTA on federation for Genetec systems.

- **████████████ Camera Federation to City Hall core system – Federation to City Hall completed.** Mike to install Genetec 5.4 on Mike Suprizio's workstation – by 2/28.

- **Downtown Crossing – DTX 3 complete**. Moving on to next phase. Shawn/Louie managing.

- **Chinatown – Installation in progress – 20 of 37 cameras complete – expected completion ~mid-March**. BPD working with captain and local business to put cameras on roofs. Louie/Shawn managing

- **BPD HQ** – **2/13 BPD rec'd OK to Proceed**.

- **BPD & Coast Guard, Harbor Installation** - ~27 cameras to BPD DVTel system. Lan-Tel to install cameras. **2/13 BPD rec'd OK to Proceed**. Shawn managing.

- **████████ Guard shack – On Hold -** due to contract negotiations. New cameras to be installed for add'l views of City Hall. Mike is managing.

- **████████ Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) – On Hold -** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver.

- **Water & Sewer – HQ-████████ (78 cameras) & ████████ (37 cameras) – On Hold - due to budget issues.** Joe Crossen is managing.

- **BCYF – ████████ Fiber & Cameras – Same update: Construction scheduled to complete ~June 2017.** Plan to install pt-to-pt wireless connection for 15+ cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially. (Fiber connectivity to BoNet – is included in Mike Lynch dark fiber RFP.)

- **Fiber Maps** – **GIS map of Comcast fiber for COB - completed.** Linda working with Genetec on camera mapping.

- **Body Cams –** Pilot extended to June. Pilot began 9/12, successful thus far. Shawn/Louie managing next steps.

- **Training for Louie to be certified with VidSys and DVTel approved by Chief.** - VidSys training ~ 7/2017; **DVTel ~ 2/28/2017**

Roadblocks / Critical issues:

- None**.**

Security Camera Strategy
Status Meeting – 3/15/17

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennon	Lan-Tel	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	

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Security Camera Strategy
Status Meeting – 3/15/17

</div>

Time: Wednesday, 3/15/2017, 9:00AM – 10:00AM (Bi-weekly schedule. Next meeting = 3/29/2017)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x2875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold:</u>)

- **BHA – Working with Genetec and BHA on enhanced federation logistics.** Enhanced federation needed due to the BHA's federation level at limit. BHA upgrading to Genetec 5.3 by end of March. Linda working with Genetec/Siemens on enhanced federation via City Hall core upgrade to 5.5 over next ~4 weeks. - (400+ cameras; BPD=view only access)

- ██████████
    - **Sail Boston - Ready date = 6/1; events start 6/12**:
        - ➢ IT equipment and logistics cost estimates provided to Rene and Jascha. Waiting on their decision on whether to move forward or not and the funding details (amount & sources). Note: in order to process POs, order and install equipment to meet the 6/1 completion date, the decision needs to be provided by 3/24, or sooner.
        - ➢ DoIT& BPDA to follow up with access to I&D Bldg outward facing cameras.
    - Security desk at ████████ moving to ██████ – delayed per John O'Brien (waiting on new date). Linda working with BPDA and BPD get this moving again.

- **City Hall Core System & Municipal Security System:**
    - **BTD / City Hall Core: Genetec system upgrade to v5.5 & Vidsys system upgrade to v7.7.1** – Experiencing problems with vidSys VMSs – Lan group, Vidsys & Siemens troubleshooting. Tracking to complete ~ TBD

- **BFD – Fire Alarm access to BPD Cameras – Same update – waiting on PSnet.** PSnet network change required to complete connectivity for BFD – **Chuck was reminded on 3/2. OEM helping us with PSnet.**

- ██████████ **Restarted project with Ellen McDonough. Unfortunately, her last day was 3/10. Looking for new contact to work with**.

- **Downtown Crossing – Same update/No movement –** BPD waiting on approval to proceed. Shawn/Louie managing.

- **Chinatown – Same update – On Hold** due waiting on required documentation from BPD. Will resume in 1-2 weeks. 20 of 37 cameras complete – expected completion ~mid-April. BPD working with captain and local business to put cameras on roofs. Louie/Shawn managing.

Security Camera Strategy
Status Meeting – 3/15/17

- **BPD HQ** – **Equipment has been ordered**.

- **BPD & Coast Guard, Harbor Installation** - ~27 cameras to BPD DVTel system. Lan-Tel to install cameras. **2/13 BPD rec'd OK to Proceed**. Shawn managing.

- ▓▓▓▓▓▓▓ **Guard shack – On Hold -** due to contract negotiations. New cameras to be installed for add'l views of City Hall. Mike is managing.

- ▓▓▓▓▓▓▓ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) – On Hold -** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver.

- **Water & Sewer – HQ-**▓▓▓▓▓▓ **(78 cameras) &** ▓▓▓▓▓ **(37 cameras) – On Hold - due to budget issues.** Joe Crossen is managing.

- **BCYF –** ▓▓▓▓▓▓ **Fiber & Cameras – Same update: Construction scheduled to complete ~June 2017.** Plan to install pt-to-pt wireless connection for 15+ cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially. (Fiber connectivity to BoNet – is included in Mike Lynch dark fiber RFP.)

- **Fiber Maps** – **GIS map of Comcast fiber for COB - completed.** Linda working with Genetec on camera mapping.

- **Body Cams –** Pilot extended to June. Pilot began 9/12, successful thus far. Shawn/Louie managing next steps.

- **Training for Louie to be certified with VidSys and DVTel approved by Chief.** - VidSys training ~ 7/2017

Roadblocks / Critical issues:

- None**.**

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennon	Lan-Tel	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	

Security Camera Strategy
Status Meeting
3/2/16

Time: Wednesday, 3/2/2016, 9:00AM – 10:00AM

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x2875

Attendees		Invited	Attended
Abhishek Khule	BPHC	X	
Anne Vaillancourt	Genetec	X	
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	LanTel	X	
Ian Thomas	VisSys	X	
Jarrod Fullerton / Anna	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jeff Wagner	VidSys	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	
Louis Madeira	BPD	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Tom Deloriea	Isilon	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Zebedeo Pena	Genetec	X	

Security Camera Strategy
Status Meeting
3/2/16

I. Agenda-Locations / Meeting Notes / Action Items

NOTE: **Meetings changed to bi-weekly (every other week).**
Next meeting = Mar 16th

Locations: **(Updates in blue:)**
- **Public Health - Jeff, Abhishek**
  - ███████████ **/ EMS Storage Facility –VPN tunnel troubleshooting to continue on 3/4 as pings are seen one way only. Next steps: purchase license; create account; configuration & test for validation.**
  - ███████████ **– Siemens requested site survey for placement of 12 cameras + 360 degree camera – site contact needed. Linda to pursue.**
  - ██████████████ **– No new update** – Waiting on Leon Graves, legal, and Joe Callahan, funding.

- ████████ **New Camera Install – Quotes expected. Nelson analyzed the saturation of the archivers and think they are handling the load fine, storage was his main concern. We are following up on this. Per Dan ~ 70-80% saturation level is limit.** OEM will fund 33 cameras to replace existing analog cameras.

- **VidSys – Connecting State and City VidSys servers:**
  - **Interagency MOU – In progress.**
  - **Interconnect COB & state/ MBTA systems and federate them together** – In progress and will be included in MOU.

- **MIT Lincoln Labs – Camera Presentation = 3/9, 9:30-11:00 at OEM – Linda to send out invite and include DoIT CIO.** Setting up connectivity for analytics at 3rd floor BPD HQ. Lincoln Labs to supply five (5) videos for analytics development.

- ██████████ **– BPD upgraded switch for 1GB handoff; 2/22 stress test (for traffic jams) conducted with BPD in prep for 3/17 events – successful results.** (Issue – can only access 24 of 32 VidSys panels – still open?) Shawn/Mike

- **Boston Housing Authority – Shawn met with BPD legal and is working with BHA legal to move this forward.** Insurance liability issue to be worked through for MOU. (300 cameras, 34 facilities.)

- ███████████████ **Public Works (Comcast) (Warehouse for city lighting-theft & security issues) – Quote received for 16 cameras (to be shared with M. Dennehy for approval); Siemens requested site visit - site contact needed. Linda to pursue.** This ties in with █████████ waiting for electrical connectivity for cabling to the roof.

- **██████████████** – **Set up 2 cameras on a temp basis via Wifi. Solution & funding needed for LT solution.**

- **Faneuil Hall –** ██████████████ – **Faneuil Hall will handle the funding for this.** Mike and Rich conducted a site survey on 1/25 for using existing 4 cameras and cabling needs. Quote received from Siemens and is in approval process.

- **Water & Sewer – Site surveys for Charlestown area ongoing**. Project in planning phase, managed by Rich. Cameras will connect to BONET; funding is all set (state agency); 67 cameras at █████ and 37 cameras for Charlestown.

- **BFD – Headquarters and Fire alarm – Connectivity completed. Licenses for 2 seats and training in progress. VidSys set up needed and to be similar to BPD's set up. BFD requesting: 2-27" monitors for fire HQ, 1-40" monitor for Fire Alarm, ~6-40" monitors for Dispatch center**.

- **Downtown Crossing – RFP released; award selection = 2/29**. BTD has fiber on Washington St and Wilson to look for spare(s). RFP bids received-waiting on award by procurement. Phase 1=17 new cameras, $500K over 3 yrs; Shawn managing.

- **DHS Bldg (HQ & ██████ Security Initiatives – Phase 1 approved, Phase 2 in OEM**.   2 projects: a.) cameras outside and down towards ██████ b.) cameras ██████████

- **Fiber Maps** – **Following up on data for school fiber; shadow conduits; Crown Castle fiber maps**.

- **Grand Prix Event** – **at BCEC area; will require temp video cameras set up**.

- **Body Cams – No new update.** Pilot = ~50 cams using 3-5 systems that can store ~ 12 hours of video locally to begin this year. BPD currently running this project independently. Requested to remain on report for status updates.

II. Next Meeting: March 3rd, 2016 - 9:00-10:00AM,
              City Hall Room 115
              Conference Bridge: 1-866-715-6967 / Passcode: 4466461
              (Host Code: 7860059)

Appendix A

Servers Core:

City Hall:
Name: ████████████
IPs: ████████████

Name: ████████████
IPs: ████████████

Name: ████████████
IPs: ████████████
10.100.2.163

Name: ████████████
IPs: ████████████

Servers BTD:

CoB Data Center:
████████████████████████████

████████ (CoLo):
████████████████████████████

Mask and Gateway (both CoB Data Center and CoLo:
All IP's on VLAN ███ have a Mask of ████████ and a Gateway of ████████
All IP's on VLAN ███ have a Mask of ████████ and ████████ Gateway.

Appendix B

VidSys Servers:

CoB Data Center:
████████████

████████ (CoLo):
████████████

Security Camera Strategy
Status Meeting – 3/29/17

Time: Wednesday, 3/29/2017, 9:00AM – 10:00AM (Bi-weekly schedule. Next meeting = 4/12/2017)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x2875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold:</u>)

- **BHA – Working with Genetec and BHA on enhanced federation logistics.** BHA Genetec upgrade in progress. Expected completion = Friday – Mauori managing. Linda working with Genetec/Siemens on enhanced federation via City Hall core upgrade to 5.5 over next ~4 weeks. - (400+ cameras; BPD=view only access)

- ███████
    - **Sail Boston - Ready date = 6/1; events start 6/12**:
        - Rene hosting communications planning meeting for 3/27 to review and try to finalize plans
        - Linda working with Siemens on additional cameras and van for temp set up
        - Jascha and Rene have set guidelines on the following:
            - Temporary event set up only – the office space has future use planned
            - 1GB bandwidth only – no increase needed
            - Video monitors to be in 3 rooms only – JOC/OPS, TOC, Intell
        - DoIT& BPDA to follow up with access to I&D Bldg outward facing cameras.

    - Security desk at ███████ moving to ███████ – delayed per John O'Brien (waiting on new date). Linda working with BPDA and BPD get this moving again.

    - **City Hall Core System & Municipal Security System:**
        - **BTD / City Hall Core: Genetec system upgrade to v5.5 & Vidsys system upgrade to v7.7.1** – Upgrade work resumed. Upgrade to be coordinated with BHA upgrade. VidSys upgrade requires workstation VidSys application updates to each workstation. Louie and Mike to handle updates.

- **BFD – Fire Alarm access to BPD Cameras – Lan-Tel and PSnet to make further configuration changes.** Chuck also needs to enable routing of the CIMS traffic. Linda has requested the timeline for this**.**

- ███████ **Restarted project with Ellen McDonough. Unfortunately, her last day was 3/10. Looking for new contact to work with**.

- **Downtown Crossing – Same update/No movement –** BPD waiting on approval to proceed. Shawn/Louie managing.

- **Chinatown – Same update – On Hold** due waiting on required documentation from BPD. Will resume in 1-2 weeks. 20 of 37 cameras complete – expected completion ~mid-April. BPD working with captain and local business to put cameras on roofs. Louie/Shawn managing.

- **BPD HQ** – **Equipment has been ordered**.

- **BPD & Coast Guard, Harbor Installation** - ~27 cameras to BPD DVTel system. Lan-Tel to install cameras. **2/13 BPD rec'd OK to Proceed**. Shawn managing.

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- **Fiber Maps** – **GIS map of Comcast fiber for COB - completed.**   Linda working with Genetec on camera mapping.

- **Body Cams –** Pilot extended to June. Pilot began 9/12, successful thus far. Shawn/Louie managing next steps.

- **Training for Louie to be certified with VidSys and DVTel approved by Chief.**   - VidSys training ~ 7/2017

 Roadblocks / Critical issues:
- None**.**

II. On regular bi-weekly schedule.

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Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennon	Lan-Tel	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	

Security Camera Strategy
Status Meeting – 4/12/17

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold:</u>)

- **BHA – BHA upgrade and federation to City Hall core = complete.** Linda working with BPD on testing viewing access to BHA cameras. - (400+ cameras; BPD=view only access)

- ███████████
    - **Sail Boston - Ready date = 6/1; events start 6/12**:
        - Received new counts last week (not final counts) and am working with teams on reducing costs. Will submit new IT budget by 4/14.
        - Siemens will provide additional cameras and van for temp set up – approved. Will work with BPD on selecting best location for set up.
        - Jascha and Rene have set guidelines on the following:
            - Temporary event set up only – the office space has future use planned
            - 1GB bandwidth only – no increase needed
            - Video monitors to be in 3 rooms only – JOC/OPS, TOC, Intel

    - Security desk at ████████ moving to ████████ – delayed per John O'Brien (waiting on new date).

- **BTD & City Hall Core System Upgrades – Enhanced SC v5.5 & VidSys 7.7.1 -**
    - **BTD: Genetec upgrade to v5.5 & Vidsys system upgrade to v7.7.1** – Upgrade work in progress. VidSys upgrade requires workstation updates and training. Siemens handling this for BTD.
    - **City Hall: Genetec upgrade to v5.5 & Vidsys system upgrade to v7.7.1 -** Upgrade work in progress.

- **BFD – Fire Alarm access to BPD Cameras – Brett and Chuck working thru configuration issues and have made significant progress.**

- **Downtown Crossing – Project resumed –** Camera installs almost complete – 1 remaining; configuration in to CIMS has started. Shawn/Louie managing.

- **Chinatown – Same update – On Hold** due waiting on required documentation from BPD. 20 of 37 cameras installed. Louie/Shawn managing.

- **BPD HQ** – Equipment has been ordered.

Security Camera Strategy
Status Meeting – 4/12/17

- **BPD & Coast Guard, Harbor Installation** - ~27 cameras to BPD DVTel system. Camera installations in progress. Shawn managing.

- ██████████████████████████ – New project. New camera adds. Lauren Hurley – POC.

- ████████ **Guard shack – Project resumed** – MBTA to build guard shack. Muni-security working on installing new cameras on guard shack for add'l views of City Hall. Mike is managing the camera portion and MBTA is managing the guard shack build out.

- **BCYF –** ████████ **Fiber & Cameras – Same update: Construction scheduled to complete 5/29/17.** Plan to install pt-to-pt wireless connection for 15+ cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially. (Fiber connectivity to BoNet – is included in Mike Lynch dark fiber RFP.)

- **BPS – New project – Enable view access to cameras for muni-security and BPD. Brett and BPS completed troubleshooting network connectivity issues. Muni-security can view most cameras and is working through IP discrepancies.**

- **On Hold -** ████████ **- Looking for new contact to work with**.

- **On Hold -** ████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver.

- **On Hold - Water & Sewer – HQ-**████████ **(78 cameras) &** ████ **(37 cameras) – On hold due to budget issues.** Joe Crossen is managing.

- **Fiber Maps** – GIS map of Comcast fiber for COB - completed. Linda working with Genetec on camera mapping.

- **Body Cams –** Pilot extended to June. Pilot began 9/12, successful thus far. Shawn/Louie managing next steps.

- **Training for Louie to be certified with VidSys and DVTel approved by Chief.** - VidSys training ~ 7/2017

Roadblocks / Critical issues:
- None**.**

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennon	Lan-Tel	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	

Security Camera Strategy
Status Meeting – 4/26/17

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>:)

- **BHA – BPD view access of all BHA cameras - <u>successfully completed</u> 4/14 in preparation for the Marathon. BPD team very thankful for this success.**

- ▮▮▮▮▮▮▮
  - **Sail Boston - Ready date = 6/1; events start 6/12**:
    - **Submitted new IT budget on 4/14**. Waiting on OEM budget approval. OEM has been notified that equipment delivery & installation will take ~4 weeks from when the orders are placed.
    - Siemens and Axis providing additional cameras and van for temp set up – approved. DoIT team met with BPD and Siemens on details.
    - Jascha and Rene have set guidelines on the following:
      - Temporary event set up only – the office space has future use planned
      - 1GB bandwidth only – no increase needed
      - Video monitors to be in 3 rooms only – JOC/OPS, TOC, Intel

  - Security desk at ▮▮▮▮▮▮ moving to ▮▮▮▮▮▮ – delayed per John O'Brien (waiting on new date).

- **BTD & City Hall Core System Upgrades – Enhanced SC v5.5 & VidSys 7.7.1 -**
  - **BTD / City Hall Core: Genetec system upgrade to SC v5.5 & Vidsys system upgrade to v7.7.1** –

High Level Schedule (Resource)	Projected Target Date
1.) Alignment Meeting (LC)	4/19 - Completed
2.) Prep COB 1st server (ZVIDSYS03) for upgrade (Vidsys)	4/19 - Completed
3.) Upgrade Vidsys app on workstation – 20 workstations (BPD)	4/20 – 5/5
4.) Fix BTD Vidsys feed (Vidsys)	5/12
5.) Migrate Vidsys to Genetec Sec. Ctr – 1 hour downtime within 4 hour preapproved maintenance window (Vidsys)	5/8-5/12 (BTD to provide date/time for window)
6.) Prep camera system for upgrade and pretest	5/15
7.) Upgrade Genetec to SC 5.5 – 250 cameras and archivers to be migrated; post migration testing to be conducted – 4 hours downtime within 6 hour preapproved maintenance window	5/17-5/20 (BTD to provide date/time for window)

Security Camera Strategy
Status Meeting – 4/26/17

- **BFD – Fire Alarm access to BPD Cameras – Network connectivity has been <u>successfully completed</u> and Linda requested for BFD to confirm the view access to BPD cameras**.

- **BPS Cameras – view only access for Muni-Security and BPD – <u>successfully completed</u> 4/11. This is a major win for both BPD and muni-security.**

- **Downtown Crossing – Project resumed – EHP needs to be redone by Shawn.** Camera installs almost complete – 1 remaining; configuration in to CIMS has started. Estimated completion – End of May. Shawn/Louie managing.

- **Chinatown – Same update – On Hold** due waiting on required documentation from BPD. 20 of 37 cameras complete – expected completion ~late April installed. Shawn/Louie managing.

- **BPD HQ** – Equipment has been ordered. . Shawn/Louie managing.

- **BPD & Coast Guard, Harbor Installation** - ~27 cameras to BPD DVTel system. Camera installations in progress. Shawn managing.

- ██████████ **Guard shack – – MBTA to ship guard shack – 5/20.** Muni-security working on installing new 2 new cameras on guard shack for add'l views of City Hall. Mike is managing the camera portion and MBTA is managing the guard shack build out.

- **BCYF -** ███████████████████ **– New project. New camera installations. POCs – Lauren Hurley and Bob Slade. Working to obtain update.**

- **BCYF –** ██████████ **Fiber & Cameras – Same update: Construction scheduled to complete 5/29/17.** Plan to install pt-to-pt wireless connection for 15+ cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially. (Fiber connectivity to BoNet – is included in Mike Lynch dark fiber RFP.)

- **On Hold -** ██████████ **- Looking for new contact to work with**.

- **On Hold -** ██████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver.

- **On Hold - Water & Sewer – HQ-**██████████ **(78 cameras) &** ██████ **(37 cameras) – On hold due to budget issues.** Joe Crossen is managing.

- **Camera Maps** – Linda working with Genetec, etc., on camera mapping.

- **Body Cams –** Pilot extended to **December**. Pilot began 9/12, successful thus far. Shawn/Louie managing next steps.

- **Training for Louie to be certified with VidSys approved by Chief.**   - VidSys training ~ 7/2017

 Roadblocks / Critical issues:

- None**.**

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennon	Lan-Tel	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	

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Security Camera Strategy
Status Meeting – 4/26/17

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Time: Wednesday, 4/26/2017, 9:00AM – 10:00AM (Bi-weekly schedule. Next meeting = 5/10/2017)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold:</u>)

- **BHA – BPD view access of all BHA cameras - <u>successfully completed</u> 4/14 in preparation for the Marathon. BPD team very thankful for this success.**

- ▉▉▉▉▉▉
    - **Sail Boston - Ready date = 6/1; events start 6/12**:
        - o **Submitted new IT budget on 4/14**. Waiting on OEM budget approval. OEM has been notified that equipment delivery & installation will take ~4 weeks from when the orders are placed.
        - o Siemens and Axis providing additional cameras and van for temp set up – approved. DoIT team met with BPD and Siemens on details.
        - o Jascha and Rene have set guidelines on the following:
            - ▪ Temporary event set up only – the office space has future use planned
            - ▪ 1GB bandwidth only – no increase needed
            - ▪ Video monitors to be in 3 rooms only – JOC/OPS, TOC, Intel

    - Security desk at ▉▉▉▉▉▉ moving to ▉▉▉▉▉▉ – delayed per John O'Brien (waiting on new date).

- o **BTD & City Hall Core System Upgrades – Enhanced SC v5.5 & VidSys 7.7.1 -**
    - o **BTD / City Hall Core: Genetec system upgrade to SC v5.5 & Vidsys system upgrade to v7.7.1 –**

High Level Schedule (Resource)	Projected Target Date
1.) Alignment Meeting (LC)	4/19 - Completed
2.) Prep COB 1st server (ZVIDSYS03) for upgrade (Vidsys)	4/19 - Completed
3.) Upgrade Vidsys app on workstation – 20 workstations (BPD)	4/20 – 5/5
4.) Fix BTD Vidsys feed (Vidsys)	5/12
5.) Migrate Vidsys to Genetec Sec. Ctr – 1 hour downtime within 4 hour preapproved maintenance window (Vidsys)	5/8-5/12 (BTD to provide date/time for window)
6.) Prep camera system for upgrade and pretest (Siemens)	4/24-4/28
7.) Conduct User Training (Siemens)	5/1-5/5
8.) Upgrade Genetec to SC 5.5 – 250 cameras and archivers to be migrated; post migration testing to be conducted – 4 hours downtime within 6 hour preapproved maintenance window	5/15-5/26 (BTD to provide date/time for window)

- **BFD – Fire Alarm access to BPD Cameras – Network connectivity has been <u>successfully completed</u> and Linda requested for BFD to confirm the view access to BPD cameras**.

- **BPS Cameras – view only access for Muni-Security and BPD – <u>successfully completed</u> 4/11. This is a major win for both BPD and muni-security.**

- **Downtown Crossing – Project resumed – EHP needs to be redone by Shawn.** Camera installs almost complete – 1 remaining; configuration in to CIMS has started. Estimated completion – End of May. Shawn/Louie managing.

- **Chinatown – Same update – On Hold** due waiting on required documentation from BPD. 20 of 37 cameras complete – expected completion ~late April installed. Shawn/Louie managing.

- **BPD HQ** – Equipment has been ordered. . Shawn/Louie managing.

- **BPD & Coast Guard, Harbor Installation** - ~27 cameras to BPD DVTel system. Camera installations in progress. Shawn managing.

- ██████████ **Guard shack – – MBTA to ship guard shack – 5/20.** Muni-security working on installing new 2 new cameras on guard shack for add'l views of City Hall. Mike is managing the camera portion and MBTA is managing the guard shack build out.

- **BCYF -** ████████████████ **– New project. New camera installations. POCs – Lauren Hurley and Bob Slade. Working to obtain update.**

- **BCYF –** ██████████ **Fiber & Cameras – Same update: Construction scheduled to complete 5/29/17.** Plan to install pt-to-pt wireless connection for 15+ cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially. (Fiber connectivity to BoNet – is included in Mike Lynch dark fiber RFP.)

- **On Hold -** ████████████ **- Looking for new contact to work with**.

- **On Hold -** ████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver.

- **On Hold - Water & Sewer – HQ-**████████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget issues.** Joe Crossen is managing.

- **Camera Maps** – Linda working with Genetec, etc., on camera mapping.

- **Body Cams –** Pilot extended to **December**. Pilot began 9/12, successful thus far. Shawn/Louie managing next steps.

- **Training for Louie to be certified with VidSys approved by Chief.** - VidSys training ~ 7/2017

Roadblocks / Critical issues:

- None.

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennon	Lan-Tel	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	

Security Camera Strategy
Status Meeting – 5/10/17

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>:)

- ███████████
    - **Sail Boston - Ready date = 6/1; events start 6/12**:
        - **IT budget approved; orders placed; fiber extension to 3rd floor completed**. Equipment expected to be received by 5/19. IT installations to be completed by 5/26.
        - Siemens and Axis providing additional cameras and van for temp set up – approved. DoIT team met with BPD and Siemens on details.

    - Security desk at ███████ moving to ███████ – delayed per John O'Brien (waiting on new date).

- **BTD & City Hall Core System Upgrades – Enhanced SC v5.5 & VidSys 7.7.1 -**
    - **BTD / City Hall Core: Genetec system upgrade to SC v5.5 & Vidsys system upgrade to v7.7.1** –

High Level Schedule (Resource)	Projected Target Date
1.) Alignment Meeting (LC)	4/19 - Completed
2.) Prep COB 1st server (ZVIDSYS03) for upgrade (Vidsys)	4/19 - Completed
3.) Upgrade Vidsys app on workstation – 20 workstations (BPD)	Completed
4.) Fix BTD Vidsys feed (Vidsys)	5/12
5.) Migrate Vidsys to Genetec Sec. Ctr – 1 hour downtime within 4 hour preapproved maintenance window (Vidsys)	~5/12 (BTD to provide date/time for window)
6.) Prep camera system for upgrade and pretest	5/15-5/19
7.) Upgrade Genetec to SC 5.5 – 250 cameras and archivers to be migrated; post migration testing to be conducted – 4 hours downtime within 6 hour preapproved maintenance window	5/24-5/25 7:00PM-4:00AM

- **Downtown Crossing – Project resumed – EHP needs to be redone by Shawn.** Camera installs almost complete – 1 remaining; configuration in to CIMS has started. Estimated completion – End of May. Shawn/Louie managing.

- **Chinatown – Same update – On Hold** due waiting on required documentation from BPD. 20 of 37 cameras complete – expected completion ~late April installed. Shawn/Louie managing.

Security Camera Strategy
Status Meeting – 5/10/17

- **BPD HQ** – Equipment has been ordered. . Shawn/Louie managing.

- **BPD & Coast Guard, Harbor Installation** - ~27 cameras to BPD DVTel system. Camera installations in progress. Shawn managing.

- ██████████ **Guard shack – – MBTA to ship guard shack – 5/20.** Muni-security working on installing new 2 new cameras on guard shack for add'l views of City Hall. Mike is managing the camera portion and MBTA is managing the guard shack build out.

- **BCYF -** ████████████████████ **– New project. New camera installations. POCs – Lauren Hurley and Bob Slade. Working to obtain update.**

- **BCYF –** ████████ **Fiber & Cameras – Same update: Construction scheduled to complete 5/29/17.** Plan to install pt-to-pt wireless connection for 15+ cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially. (Fiber connectivity to BoNet – is included in Mike Lynch dark fiber RFP.)

- **On Hold -** ██████████ **- Looking for new contact to work with**.

- **On Hold -** ██████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver.

- **On Hold - Water & Sewer – HQ-** ██████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget issues.** Joe Crossen is managing.

- **Camera Maps** – Linda working with Genetec, etc., on camera mapping.

- **Body Cams –** Pilot extended to **December**. Pilot began 9/12, successful thus far. Shawn/Louie managing next steps.

Roadblocks / Critical issues:
- None.

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	

Security Camera Strategy
Status Meeting – 5/10/17

Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennon	Lan-Tel	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	

Security Camera Strategy
Status Meeting – 6/28/17

Time: Wednesday, 6/28/2017, 9:00AM – 10:00AM (Bi-weekly schedule. Next meeting = 7/12/2017)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>:)

- **████████ Sail Boston Updates: Huge success**
  - **The DoIT support was very much appreciated by OEM and our sister agencies. We built a lot of credibility and partnerships with sister agencies.**
  - **Break down of network and telecom equipment loaned is completed.**

  - Security desk at ████████ moving to ████████ – working to schedule this move.

- **BTD & City Hall Core System:**
  - **BTD / City Hall Core: Genetec system upgrade to SC v5.5 & Vidsys system upgrade to v7.7.1** – Still troubleshooting BTD camera issue with Vidsys. Will discuss further in security camera meeting on Wed.
  - **Next upgrades = City Hall core and Municipal Security system to Genetec 5.5** (from 5.3).

- **Downtown Crossing – Same update – EHP needs to be redone by Shawn.** Camera installs almost complete – 1 remaining; configuration in to CIMS has started.   Shawn/Louie managing.

- **Chinatown – Same update – On Hold** due waiting on required documentation from BPD. 20 of 37 cameras complete – expected completion ~late June. Shawn/Louie managing.

- **BPD HQ** – Equipment has been ordered. . Shawn/Louie managing.

- **BPD & Coast Guard, Harbor Installation** - **Same update** ~27 cameras to BPD DVTel system. Camera installations in progress. Shawn managing.

- **████████ Guard shack – Fiber has been run and network being set up this week.** Muni-security working on installing 3 new cameras on guard shack for add'l views of City Hall.

- **BPHC – New camera installations. Need to obtain update from Jeff and Krishnamoorthi.**

- **BCYF – ████████ Fiber & Cameras – Microwave installed this week. Network to be installed next week. BCYF working with contractor to run cable between camera switch and BoNet switch for camera connectivity to federation.** 18 cameras. Network connectivity also required for ~45 workstations

- ██████████ **- Under construction – elevators being moved**: **BoNet and cameras to be set up there**. **Funding is open issue that DND is working on**.

- **BCYF -** ███████████████ **– New project. New camera installations. POCs – Lauren Hurley and Bob Slade. Working to obtain update.**

- **On Hold -** ███████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver.

- **On Hold - Water & Sewer – HQ-**███████ **(78 cameras) &** ███████ **(37 cameras) – On hold due to budget issues.** Joe Crossen is managing.

- **Body Cams –** Pilot extended to **December**. Pilot began 9/12, successful thus far. Shawn/Louie managing next steps.

 Roadblocks / Critical issues:

- None**.**

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennon	Lan-Tel	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	

<h1 align="center">Security Camera Strategy
Status Meeting – 6/7/17</h1>

Time:	Wednesday, 6/7/2017, 9:00AM – 10:00AM (Bi-weekly schedule. Next meeting = 6/28/2017)
Location:	Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)
Called by:	Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>:)

- ██████████
    - **Data port wiring/cabling for 156 ports to be completed this week.**
    - **Electrical wiring to be completed this week.**
    - **Agency network connectivity testing with DoIT engineering is ongoing. Several successfully completed.**
    - **Laptop/Device support by our Help desk team for configuration on to our network has begun. OEM workstations tested successfully.**
    - **DoIT BYOD Requirements provided and distributed to attending agencies.**
    - **IT onsite support = 6/16 thru 6/22.**
    - Siemens and Axis providing additional cameras and van for temp set up – approved. Network connectivity testing to be conducted 6/6.

    - Security desk at ██████████ moving to ██████████ – move to take place after Sail Boston event.

- **BTD & City Hall Core System Upgrades – Enhanced SC v5.5 & VidSys 7.7.1 -**
    - **BTD / City Hall Core: Genetec system upgrade to SC v5.5 & Vidsys system upgrade to v7.7.1** – COMPLETED successfully. Currently cleaning up minor items to close project.
    - **Next upgrades = City Hall core to Genetec 5.5** (from 5.3)

- **Downtown Crossing – Same update – EHP needs to be redone by Shawn.** Camera installs almost complete – 1 remaining; configuration in to CIMS has started.   Shawn/Louie managing.

- **Chinatown – Same update – On Hold** due waiting on required documentation from BPD. 20 of 37 cameras complete – expected completion ~late June. Shawn/Louie managing.

- **BPD HQ** – Equipment has been ordered. . Shawn/Louie managing.

- **BPD & Coast Guard, Harbor Installation** - **Same update** ~27 cameras to BPD DVTel system. Camera installations in progress. Shawn managing.

- ██████████ **Guard shack – Guard shack received. Fiber being run and network being set up.** Muni-security working on installing 3 new cameras on guard shack for add'l views of City Hall.

- **BCYF -** ██████████ **– New project. New camera installations. POCs – Lauren Hurley and Bob Slade. Working to obtain update.**

Security Camera Strategy
Status Meeting – 6/7/17

- **BCYF –** ███████ **Fiber & Cameras – Same update: Construction scheduled to complete 5/29/17.** Plan to install pt-to-pt wireless connection for 15+ cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially. (Fiber connectivity to BoNet – is included in Mike Lynch dark fiber RFP.)

- ███████ **- Under construction**: **Jerry and I had onsite meetings with Leo, PM for Strand's construction and Juan, PM from DND, for BoNet and cameras**. **Funding is open issue that DND is working on**.

- **On Hold -** ███████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver.

- **On Hold - Water & Sewer – HQ-**███████ **(78 cameras) &** ███████ **(37 cameras) – On hold due to budget issues.** Joe Crossen is managing.

- **Body Cams –** Pilot extended to **December**. Pilot began 9/12, successful thus far. Shawn/Louie managing next steps.

Roadblocks / Critical issues:

- None**.**

II. **On regular bi-weekly schedule.**

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennon	Lan-Tel	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	

Time: Wednesday, 7/12/2017, 9:00AM – 10:00AM (summer schedule - next meeting = 8/16/2017)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Next meeting = 8/16/2017

Locations: (Updates in bold:)

- ▆▆▆▆▆▆▆▆ **Muni-Security Service Desk Move**
  - o Security desk at ▆▆▆▆▆▆ moving to ▆▆▆▆▆ – working to schedule this move. Will test camera access/viewing at new location to ensure continuity.

- **BTD & City Hall Core System:**
  - o **BTD / City Hall Core: Genetec system upgrade to SC v5.5 & Vidsys system upgrade to v7.7.1** – Still troubleshooting BTD camera issue with Vidsys. Will discuss further in security camera meeting on Wed.
  - o **Next upgrades = City Hall core and Municipal Security system to Genetec 5.5** (from 5.3).

- ▆▆▆▆▆▆▆ **Guard Shack – Fiber, network and camera installations complete. Camera integration in to infrastructure to be completed by 7/14.**

- **BCYF –** ▆▆▆▆▆▆▆ **Fiber & Cameras – Microwave, network and camera connectivity set up completed. Integrating 18 cameras in to camera infrastructure, to be completed by 7/14.**

- **Downtown Crossing – Same update – EHP needs to be redone by Shawn. Camera installs almost complete** – 1 remaining; configuration in to CIMS has started.   Shawn/Louie managing.

- **Chinatown – Same update – On Hold** due waiting on required documentation from BPD. 20 of 37 cameras complete. Shawn/Louie managing.

- **BPD HQ** – Equipment has been ordered. . Shawn/Louie managing.

- **BPD & Coast Guard, Harbor Installation - Same update** ~27 cameras to BPD DVTel system. Camera installations in progress. Shawn managing.

- **BPHC – New camera installations. 13 cameras to be added to** ▆▆▆▆▆▆▆▆ **Jeff to discuss IPs with networking. Jeff to provide time frame.**

- ▆▆▆▆▆▆ **– needs microwave to** ▆▆▆▆▆▆ **for boNet connectivity and camera infrastructure. Mike managing.**

- **BCYF –** ▆▆▆▆▆▆ **– microwave to Engine 48 – Engineering to extend video VPN.**

- **BCYF –** ███████ **Charlestown – needs BoNet connectivity and then camera infrastructure.**

- **BCYF -** ██████████████ **– New project. New camera installations. POCs – Lauren Hurley and Bob Slade. Rob Flaherty to provide PO for cameras.**

- ██████ **- Under construction – elevators being moved**: **Fiber moved**. **BoNet and cameras to be set up there. Funding is open issue that DND is working on**.

- **On Hold -** ███████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver.

- **On Hold - Water & Sewer – HQ-**███████ **(78 cameras) &** ██████ **(37 cameras) – On hold due to budget issues.** Joe Crossen is managing.

- **Body Cams –** Pilot extended to **December**. Pilot began 9/12, successful thus far. Shawn/Louie managing next steps.

  Roadblocks / Critical issues:

- None**.**

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennon	Lan-Tel	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	

Time: Wednesday, 8/16/2017, 9:00AM – 10:00AM (summer schedule - next meeting = 9/13/2017)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

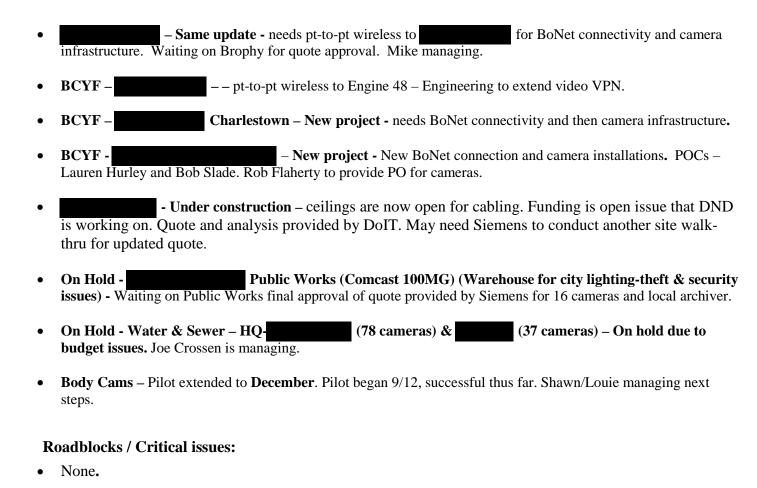## I. Agenda-Locations / Status Updates / Action Items

Next meeting = 9/13/2017

Locations: (<u>Updates in bold:</u>)

- ▬▬▬▬▬▬ **Muni-Security Service Desk Move**
    - o Security desk at ▬▬▬▬▬ moving to ▬▬▬▬ – move complete. Will remove for next meeting.

- **BTD, Muni-Security & City Hall Core Systems:**
    - o **BTD: Genetec system upgrade to SC v5.5 & Vidsys system upgrade to v7.7.1** – Issues resolved. Will remove for next meeting.
    - o **Municipal Security: System upgraded to Genetec 5.5** (from 5.3) successfully. Will remove for next meeting.
    - o **City Hall core system to Genetec 5.5** (from 5.3) – tentatively scheduled for early Sept. **Also reviewing the ROI for consolidating Muni-Sec system with City Hall system and putting all on virtualized server infrastructure.**

- ▬▬▬▬▬▬ **Guard Shack –Camera integration in to infrastructure completed successfully. Will remove for next meeting.**

    - **BCYF – ▬▬▬▬▬▬ Fiber & Cameras – Camera integration complete. -** Only action item left: Mike S to provide camera names based on location – expected completion by 8/18. Mike Sulprizio and Rob Flaherty have "supervisor" accounts to see all BCYF cameras. "Operator" accounts have been set up to view only the BCYF location they reside at.

- **Downtown Crossing – Need update – EHP needs to be redone by Shawn.** Camera installs complete; configuration in to CIMS has started.   Shawn/Louie managing.

- **Chinatown – Need update – On Hold** due waiting on required documentation from BPD. 20 of 37 cameras complete. Shawn/Louie managing.

- **BPD HQ** – **Need update** - Equipment ordered. . Shawn/Louie managing.

- **BPD & Coast Guard, Harbor Installation** - **Need update** ~27 cameras to BPD DVTel system. Camera installations in progress. Shawn managing.

- **BPHC – New camera installations - 11** cameras have been added to ▬▬▬▬▬▬ St.; and integration in to core infrastructure was completed on 8/3**. Project completed successfully.** Will remove for next meeting.

- ███████████ – **Same update -** needs pt-to-pt wireless to ██████████ for BoNet connectivity and camera infrastructure. Waiting on Brophy for quote approval. Mike managing.

- **BCYF –** ███████████ – – pt-to-pt wireless to Engine 48 – Engineering to extend video VPN.

- **BCYF –** ███████████ **Charlestown – New project -** needs BoNet connectivity and then camera infrastructure**.**

- **BCYF -** ████████████████████ – **New project -** New BoNet connection and camera installations**.** POCs – Lauren Hurley and Bob Slade. Rob Flaherty to provide PO for cameras.

- ███████████ **- Under construction** – ceilings are now open for cabling. Funding is open issue that DND is working on. Quote and analysis provided by DoIT. May need Siemens to conduct another site walk-thru for updated quote.

- **On Hold -** ████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver.

- **On Hold - Water & Sewer – HQ-** ████████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget issues.** Joe Crossen is managing.

- **Body Cams –** Pilot extended to **December**. Pilot began 9/12, successful thus far. Shawn/Louie managing next steps.

Roadblocks / Critical issues:

- None**.**

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennon	Lan-Tel	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	

Security Camera Strategy
Status Meeting – 9/13/17

Time: Wednesday, 9/13/2017, 9:00AM – 10:00AM (summer schedule - next meeting = 9/27/2017)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **City Hall Core System Upgrades: Ongoing**
  - o **City Hall Physical Video Servers migrating to Virtual Servers – project scope – virtualize the remaining video servers – mostly Muni-Security servers. Estimated completion = end of Sept. (Working thru tasks to solidify dates.)**
  - o **City Hall core system to upgrade to Genetec 5.5** (from 5.3) – scheduled for **the week of 9/18.**

- ● ▮▮▮▮▮▮▮▮ – **Update - Temporary used cameras installed. Waiting on PO is approval to purchase new cameras.** Linda & Mike managing.

- ● **BCYF –** ▮▮▮▮▮▮▮ – **Update - Site walk-thru and quote completed for camera infrastructure.** Pt-to-pt wireless to Engine 48 – Engineering has extended the video VPN.

- ● **BCYF -** ▮▮▮▮▮▮▮▮▮▮▮ – **Update – Pt-to-pt wireless install being worked – waiting on funding approval.   Rob Flaherty working to obtain approval of PO for cameras.**

- ● **BCYF –** ▮▮▮▮▮ **Charlestown – Update – Site closed now.** Site will be set up to record video on-site via local DVR instead of setting up connectivity to BoNet in an effort to save costs as only 2 cameras are needed**. Rob Flaherty to provide feedback/approval.**

- ● **BCYF –** ▮▮▮▮▮▮▮ – **Update – conducted site walk-thru's for network connectivity needs and camera set up. Quote received for fiber remediation - ~$3800.** Site needs network upgrade, fiber remediation, cameras and wifi. VoIP is desired. Working with OEM on this project due to scope and funding.

- ● **BCYF –** ▮▮▮▮ **Roxbury – Interior renovations began. Cameras and networking equipment removed.**

- ● **BCYF –** ▮▮▮▮▮ **Fiber & Cameras – Camera integration complete. – Project complete. Will remove for next meeting.** Mike Sulprizio and Rob Flaherty have "supervisor" accounts to see all BCYF cameras. "Operator" accounts have been set up to view only the BCYF location they reside at.

- ● ▮▮▮▮▮▮ – **Update** – DND states they do not have funding and are looking for help. No camera infrastructures can be set up until funding is made available Jerry/Brett/Linda met Leo, Melodi and their GC regarding: a.) New request by GC to move fiber DMARC; b.) Melodi's request to move the networking equipment; and, c.) Brett/Jerry's requirement to establish a new network cabinet in a common area for 7x24 access, etc. Successful meeting, and, the DMARC move and cabling will be covered under the project's contract as a change order. DoIT and DND may split costs for network components.

- ● ▮▮▮▮ – **New update** – replacing existing cameras with 50+ new IP cameras and new Cisco switches to support their camera infrastructure**. Switch specs provided to Rob to be included in bid. Waiting on update from bid event**. Linda and Joe Smith managing.

- **Downtown Crossing – New update – Camera installations for Phase 3 (final phase) in approval stage.** Shawn/Louie managing.

- **Chinatown – Same update –** 36 of 37 camera installations complete. Expect to complete project next week. Shawn/Louie managing.

- **BPD HQ** – **Same update**: Equipment has been ordered. Shawn/Louie managing.

- **BPD & Coast Guard, Harbor Installation** – **Same update**:   22 of 27 camera installations complete. Expected completion ~ end of Sept. Shawn/Louie managing.

- **On Hold -** ███████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver.

- **On Hold - Water & Sewer – HQ-**████████ **(78 cameras) &** ███████ **(37 cameras) – On hold due to budget issues.** Joe Crossen is managing.

- **Body Cams –** Pilot extended to **December**. Pilot began 9/12, successful thus far. Shawn/Louie managing next steps.

- **VidSys scheduled to visit with BPD and DoIT on 10/3. Sister agencies are welcome to attend.**

Roadblocks / Critical issues:

- None**.**

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 9/13/17

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Grennon	Lan-Tel	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	

Security Camera Strategy
Status Meeting – 9/27/17

Time:	Wednesday, 9/27/2017, 9:00AM – 10:00AM (Next meeting = 10/11/2017)
Location:	Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)
Called by:	Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **City Hall Core System Upgrades: Ongoing**
  - o **City Hall Physical Video Servers migrating to Virtual Servers – project scope –** virtualize the remaining video servers – mostly Muni-Security servers. Estimated completion = end of Sept. (Working thru tasks to solidify dates.)
  - o **City Hall core system to upgrade to Genetec 5.5** (from 5.3) – upgrade completed. Troubleshooting issue with federation for BHA – Genetec software patch required asap.

- ███████████ **– Update - PO approved by Prop Mgt to purchase new cameras. New cameras to be installed by 9/29.** Mike managing.

- **BCYF –** ████████ **– Update Rob Flaherty waiting on approval for PO for cameras**.

- **BCYF -** █████████████████ **– Update – Pt-to-pt wireless and switch being provided by DoIT. Installation and cabling to be covered by BCYF – Rob Flaherty working on PO.   Rob also working to obtain approval of PO for cameras.**

- **BCYF –** ████████████████████ **– Update Site needs: fiber remediation (~$3800), networking, wifi and VoIP equipment (DoIT) and 7-9 cameras (BCYF). DoIT providing networking equipment. BCYF to share cost of cameras with OEM. BCYF to cover fiber remediation costs.** DoIT, BCYF and OEM working together on this project

- **BCYF –** █████ **Cameras –** Camera views to be set by vendor – Mike Sulprizio managing.

- ████████████ **– Update – Final site walk-thru with Sully Mac scheduled for this week. Action plan documented for team. Project progressing forward**. Notes: DND states they do not have funding and are looking for help. No camera infrastructures can be set up until funding is made available. DND may escalate to obtain funding. Jerry/Brett/Linda met Leo, Melodi and their GC regarding: a.) New request by GC to move fiber DMARC; b.) Melodi's request to move the networking equipment; and, c.) Brett/Jerry's requirement to establish a new network cabinet in a common area for 7x24 access, etc. Successful meeting, and, the DMARC move and cabling will be covered under the project's contract as a change order. DoIT and DND may split costs for network components.

- ████████ **– Update -** Possible cabling issues – Linda and Joe working thru these. ████████ is replacing existing cameras with 50+ new IP cameras and new Cisco switches to support their camera infrastructure as part of a larger construction project. Linda and Joe Smith managing.

- **Downtown Crossing – Two new projects for downtown to begin. Will check with Shawn on tracking.** Shawn/Louie managing.

- **Chinatown – Same update –** 36 of 37 camera installations complete.   Shawn/Louie managing.

- **BPD HQ** – **Same update**: Equipment has been ordered. Shawn/Louie managing.

- **Body Cams – Phase 1 of the pilot completed successfully.** Pilot extended to **December**. Pilot began 9/12. Shawn/Louie managing next steps.

- **Citywide Camera project hosted by OEM/Rene. Next meeting = TBD.**   Working with Shawn on camera mappings. All agencies are working towards camera mapping – BPD has all their cameras mapped. Team to consider possible RFI for "better", "more cost-effective" technology.

- ✕ **On Hold -** ███████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided by Siemens for 16 cameras and local archiver.

- ✕ **On Hold - Water & Sewer – HQ-**██████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget issues.** Joe Crossen is managing.

- ✕ **On Hold – BCYF -** ██████ - Due to renovations for ~12 months.

- ✕ **On Hold – BCYF –** ████████████ – Due to pool closed for winter. **.** Site will be set up to record video on-site via local DVR instead of setting up connectivity to BoNet in an effort to save costs as only 2 cameras are needed**.**

Roadblocks / Critical issues:
- None**.**

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 9/27/17

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

Time: Wednesday, 10/10/2018, 9:00AM – 10:00AM (**Next meeting - 2 weeks out = 10/24/2018**)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **City Hall Core System Upgrades: Ongoing**
  - o **City Hall camera maintenance** – Installing 2 addt'l cameras in Births & Deaths area. Tim managing.

- **BCYF -** ▮▮▮▮▮▮▮ **– Update – Center is Open – Cameras to be integrated by Siemens.** Linda to provide camera integration info to Siemens.

- **BCYF** ▮▮▮▮▮▮ **– Update – Roof construction completed. Wireless installation and NW connectivity to roof completed. Network connectivity to switches in server room waiting on electrician to complete his work and PDUs due to limited power in 1st floor server room.** BPD to install shotspotter unit back on roof. Cameras and Meraki units installed and cabled to patch panel (labeling required). Cam licenses issued. Cams to be integrated by Siemens. Linda, Rob and Roberson managing project together.

- **BPD Camera projects – downtown crossing –** Phase 3 has started and installs to begin later this month. Backhaul to ▮▮▮▮▮▮ = critical for alleviating camera load. Shawn/Matt/Louie managing.

- **BPD HQ** – **Update** – Funding approved. SOW for camera installations waiting on approval. Shawn/Louie managing.

- **BPHC – Camera Projects – Pending: 1.)** J. Cushing requested for 2 encoders to be installed at ▮▮▮▮▮▮▮▮ ▮ ▮▮▮▮▮▮ for analog camera connectivity. IPs provided. BPHC connecting to ports on their switch. Bob Gilchreist/Jeff Beers to connect and provide update. **2,)** ▮▮▮▮▮▮ **– project beginning to add & replace cameras.**

- ▮▮▮▮▮▮▮▮▮▮ **– Update – Cabinet on 6th floor installed. Extension of fiber, LIU installations and wireless unit installation to be completed this week. BoNet to be extended to 6th floor with addt'l switch for next week.**

- ▮▮▮▮▮▮▮▮▮▮ **– Same Update** – Switch upgrade complete. Next steps: 1.) cabling, camera installation and integration to Genetec. Current set up = 8 analog cameras to a Bosh DVR. Propose to use Axis encoders to connect existing cameras to BoNet switch. PoE extenders needed.

- ▮▮▮▮▮▮▮▮▮▮▮ **– Same U**pdate **-** Will install an encoder to convert 4 analog cameras to IP cameras. Plan to route DVR, which is currently on our admin network, to the City Hall camera core system. Camera views needed by BPD. (P2 Synesis project ~ 18 mos. out).

- **BHA – Project to add new cameras & Project to upgrade to SC5.7 (spring 2019) –** Mauori managing.

- ▮▮▮▮▮▮ **Camera – Same Update** – Currently there is a BoNet 300mg link connection. Considerations are to

either re-wire existing cameras to BoNet node or BPD to consider purchasing a few external cameras. Cameras are privately owned ████████████████████████████████ and Steve has obtained permission to integrate them. Camera views needed by BPD and BSC. Steve managing.

- ██ – **Update** – **Camera purchase with 2nd switch went out for bid and was awarded last week. BFD has been advised to obtain a support contract with Siemens as other agencies have done.** Joe Mayo managing**.**

   Side Projects:

- ████████████ – **Same Update** - Met with Mike Donohue – Linda to provide him with camera and wifi minimum specs for compliance. Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras.

- **Private Company Camera Share** – **New Update** - Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. BTD with DoIT are leading this effort and working with the Seaport Leadership Group. Group meeting scheduled for 6/7. (May consider 3rd party hosting options.)

   × **On Hold -** ████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

   × **On Hold - Water & Sewer – HQ-**████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget.**

   × **BCYF –** ████████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Looking to check with BPD/OEM for funding of outdoor cameras due to gang issues.**

 Roadblocks / Critical issues:
- None

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 10/10/18

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchreist	Siemens	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	
Mauori Stavenson	BHA	X	

Security Camera Strategy
Status Meeting – 10/24/18

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **City Hall Core System Upgrades: Ongoing**
  - o **City Hall camera maintenance** – Installing 2 addt'l cameras in Births & Deaths area. Tim managing.

- **BCYF -** ███████████ **– Update – Center is Open – Cameras to be integrated by Siemens.** Linda to provide camera integration info to Siemens.

- **BCYF** ███████████ **– Update – Site up on network.** Cameras and Meraki units installed and cabled to patch panel (labeling required). Cam licenses issued. Cams to be integrated by Siemens. Linda, Rob and Roberson managing project together.

- **BPD Camera projects – downtown crossing –** Phase 3 has started and installs to begin later this month. Fenway camera project headed by Lan-Tel has completed. Shawn/Matt/Louie managing.

- **BPD HQ – Update –** Funding approved. SOW for camera installations waiting on approval. Shawn/Louie managing.

- **BPHC – Camera Projects – Pending: 1.)** 2 encoders to be installed at ███████████ █ ███████████ for analog camera connectivity. IPs provided. BPHC connecting to ports on their switch which connects to BoNet. Bob Gilchreist/Jeff Beers managing. **2,)** ███████████ **– project beginning to add & replace cameras. 3.)Workstation issues with connecting thru network. BPHC and DOIT working thru issues.**

- ███████████ **– Update – Completed.**

- ███████████ **– Same Update –** Switch upgrade complete. Next steps: 1.) cabling, camera installation and integration to Genetec. Current set up = 8 analog cameras to a Bosh DVR. Propose to use Axis encoders to connect existing cameras to BoNet switch. PoE extenders needed.

- ███████████ **– Same Update -** Will install an encoder to convert 4 analog cameras to IP cameras. Plan to route DVR, which is currently on our admin network, to the City Hall camera core system. Camera views needed by BPD. (P2 Synesis project ~ 18 mos. out).

- **BHA – Project to add new cameras & Project to upgrade to SC5.7 (spring 2019) –** Mauori managing.

- ███████████ **Camera – Same Update –** Currently there is a BoNet 300mg link connection. Considerations are to either re-wire existing cameras to BoNet node or BPD to consider purchasing a few external cameras. Cameras are privately owned ███████████ and Steve has obtained permission to integrate them. Camera views needed by BPD and BSC. Steve managing.

- ███ – **Update** – **Camera purchase with 2ⁿᵈ switch went out for bid and was awarded last week. BFD has been advised to obtain a support contract with Siemens as other agencies have done.** Joe Mayo managing.

- ████████████████████████████████ – **adding 3 new cameras, 1 new switch.** Working with Joe Mayo/Ken Kasinoff on this.

- **PWD 9 Sites – each site adding 1-2 180 degree cameras to monitor gas pumps** – Siemens site surveys conducted today.

  Side Projects:

- ████████████████ – **Same Update** - Met with Mike Donohue – Linda to provide him with camera and wifi minimum specs for compliance. Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras.

- **Private Company Camera Share** – **New Update** - Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. BTD with DoIT are leading this effort and working with the Seaport Leadership Group. Group meeting scheduled for 6/7. (May consider 3ʳᵈ party hosting options.)

  - ✕ **On Hold -** ████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

  - ✕ **On Hold - Water & Sewer – HQ-**███████████ **(78 cameras) &** ██████████ **(37 cameras) – On hold due to budget.**

  - ✕ **BCYF –** ████████████ – **On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Looking to check with BPD/OEM for funding of outdoor cameras due to gang issues.**

Roadblocks / Critical issues:
  - None

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 10/24/18

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchreist	Siemens	X	
Jason Friedberg	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Matt Spillane	BPD	X	
Mauori Stavenson	BHA	X	

Security Camera Strategy
Status Meeting – 11/7/18

Time: Wednesday, 11/7/2018, 9:00AM – 10:00AM (**Next meeting - 2 weeks out = 11/21/2018**)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **City Hall Core System Upgrades:** Ongoing maintenance/no new projects.

- **BCYF -** ▮▮▮▮▮▮ **– Update –** Cams to be integrated by Siemens. Linda and Rob managing project together.

- **BCYF** ▮▮▮▮ **– Update –** Cams to be integrated by Siemens. Linda, Rob and Roberson managing project together.

- **BPHC – Camera Projects - 1.)** 2 encoders may be installed at ▮▮▮▮▮▮ ▮ ▮▮▮▮▮▮ for analog camera connectivity. IPs provided. BPHC connecting to ports on their switch. Bob Gilchreist/Jeff Beers to connect and provide update. **2,)** ▮▮▮▮▮ **– project beginning to add & replace cameras**. 3.) ▮▮▮▮▮▮▮ issues with viewing cameras. Troubleshooting session scheduled for 11/13 with both network leads.

- ▮▮▮▮▮▮▮▮ **– Update – Camera project complete.** J. Gillis to run cabling to Meraki site for wicked-free wifi. DoIT to connect workstations to admin network.

- **BPD Camera projects –**
  - **Downtown crossing** – Phase 3 has started. BPD
  - **HQ** – Bid to be released.

- **PWD Camera Projects** – plan to install 1-2 cameras to view fueling sites. Will integrate in to Muni-Sec system under new PWD partition. All sites have network connectivity. Siemens scheduled for site walk-thrus.
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- ▮▮▮▮▮▮▮▮ **– Same Update** – Switch upgrade complete. Next steps: 1.) cabling, camera installation and integration to Genetec. Current set up = 8 analog cameras to a Bosh DVR. Propose to use Axis encoders to connect existing cameras to BoNet switch. PoE extenders needed.

- ▮▮▮▮▮▮▮▮ **– Update -** DoIT to provide Siemens with update for quote. Steve Healy/Parks Dept. Plan is to install an encoder to convert 4 analog cameras to IP cameras. Plan to route DVR, which is currently on our admin network, to the City Hall camera core system. Camera views needed by BPD. (P4 Verizon project ~18 -24 months out.)

- **BHA – Adding new cameras currently. Project to upgrade to SC5.7 (spring 2019) –** Mauori managing.

- ███████ **Camera – Update** – Currently there is a BoNet 300mg link connection. IPs provided to connect NVR to video VPN. Considerations are to either re-wire existing cameras to BoNet node or BPD to consider purchasing a few external cameras. Cameras are privately owned ████████████████████████████████ and Steve has obtained permission to integrate them. Camera views needed by BPD and BSC. Steve Healy managing.

- ███ **– Update** – Cameras, licenses and 2nd switch being purchased via bid event. Camera integration to be covered by DoIT/Siemens. BFD has been advised to obtain a support contract with Siemens as other agencies have done as they reside on the Municipal Security system that is managed by Siemens. Joe Mayo managing.

- **BFD** ████████ **Camera Project – New project** – BFD to install 3 new cameras and one 24-port switch. Contractor to purchase and install cameras; J.Gillis to set camera views and passwords; cabling to be done by BFD. DoIT to provide switch and fiber cable specs to BFD.

  Side Projects:
- ████████████████ **– Same Update** - Met with Mike Donohue – Linda to provide him with camera and wifi minimum specs for compliance. Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras.

- **Private Company Camera Share** – **Update** - Met with Vertex on 6/7. Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. Vertex interested in using and paying for Cloud services for sharing their video. BTD with DoIT are leading this effort and working with the Seaport Leadership Group. Next meeting ~TBD.

  - ✕ **On Hold -** ████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

  - ✕ **On Hold - Water & Sewer – HQ-**████████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget.**

  - ✕ **BCYF –** ████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Looking to check with BPD/OEM for funding of outdoor cameras due to gang issues.**

  Roadblocks / Critical issues:
  - None

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 11/7/18

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchreist	Siemens	X	
Jason Friedberg	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Matt Spillane	BPD	X	
Mauori Stavenson	BHA	X	

<h1 style="text-align:center;color:#1a5276">Security Camera Strategy
Status Meeting – 1/17/18</h1>

Time:	Wednesday, 1/17/2018, 9:00AM – 10:00AM (Next meeting = 1/31/2018)
Location:	Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)
Called by:	Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **City Hall Core System Upgrades: Ongoing**
    - o **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras. Working thru MOUs and access to BHA and BTD cameras for ~Jan.

- **BCYF -** ████████████████████ – **Update – Camera PO issued**. Working to schedule camera installs and integration to Core system. Estimated project completion ~ 1/19/18.

- **BCYF –** ████████████████████████ – **Update – Per OEM, camera work to go out to bid to 3 vendors based on expected dollar amount to be between $10K-$50K. Linda submitted bid to OEM for approval.** Network connectivity to BoNet established. OEM has approved camera request and EHP.

- ████████████ – **Same Update** –Next steps: Cabling to kitchen & Melodi's office; cabinet installation, network equipment move and new jacks. **Waiting on Leo/Melodi to provide PO**. Linda has sent multiple reminders.

- ████████████████████ – **Replacing 4 cameras** ████████████ **with high-res cameras - Update** – Camera install = by mid-Jan.   Also – replacing downed camera as a side project.

- ████████████████████ is replacing existing cameras with 54 new Pelco IP cameras and new Cisco switches to support their camera infrastructure. Anese Electric to do install. Joe requesting ~60 IPs for current and possible future cameras. **Linda scheduling another team meeting with Joe for updates.**

- **BPD Camera projects – Two new projects for downtown to begin. ~41 new cameras.** Shawn/Louie managing. ████████ connectivity = TBD.

- **Chinatown – Update -** 1 camera left to complete. Expect to complete project by 12/31. Lan-Tel currently redirected to emergency installs/higher priority projects. Will obtain an update at next meeting. Shawn/Louie managing.

- **BPD HQ** – **Update** – Phase 1 completed. Phase 2 waiting on new funding ~ Jan. Shawn/Louie managing.

- **BPD Emergency Install –** ████████████████████████ – increase in crime causing this emergency installation of cameras needed before 12/31. IPs provided. Network upgrade to support this in progress.

- **BPD Priority Install –** ████████████████ – IPs provided. Will use existing network connectivity.

- ████████████ – **Same update** - Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA.

- **Citywide Camera project hosted by OEM/Rene. Next meeting = TBD.** Shawn producing consolidated map.

- **Video Sharing MOU & Governance** – Establishing cross-agency MOUs and a standard Governance for video sharing agencies to approve and use.

- **Private Company Camera Share** – Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. We are leading this effort and working with the Seaport Leadership Group. Possible meeting next week or in Jan.

- ✕ **On Hold -** ████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

- ✕ **On Hold - Water & Sewer – HQ-**████████ **(78 cameras) &** ██████ **(37 cameras) – On hold due to budget issues.** Obtaining new contact to work with.

- ✕ **BCYF –** ██████████ **– On Hold –** Due to lack of funding.

- ✕ **On Hold – BCYF -** ██████ - Due to renovations for ~12 months.

- ✕ **On Hold – BCYF –** ██████████ – Due to pool closed for winter. Site will be set up to record video on-site via local DVR instead of setting up connectivity to BoNet in an effort to save costs as only 2 cameras are needed**.**

Roadblocks / Critical issues:

- None**.**

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 1/17/18

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade/John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

Security Camera Strategy
Status Meeting – 12/19/18

Time: Wednesday, 12/19/2018, 9:00AM – 10:00AM (**Next meeting = 1/16/2019**)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **Property Management Camera Projects** –
  - **City Hall** - New power bricks replacements to be installed by Sully Mac over next few weeks.
  - ███████████ – Installed 2 new cameras.

- **BCYF** - █████████ – **Update** – Cams to be integrated by Siemens. DHCP ISs Linda and Rob managing together.

- **BCYF** ██████ – **Update** –Cams to be integrated by Siemens. DHCP IPs. Linda and Rob managing together.

- **BPHC Camera Projects** –
  - ████████████ - **2 encoders** may be installed at 3rd floor/EMS HQ for analog camera connectivity. IPs provided. BPHC to connect to ports on their switch – waiting for open ports. Bob Gilchrist/Jeff Beers managing.
  - ██████████ – ongoing project to add & replace cameras.
  - ████████████████ – Issues resolved and video viewing enabled. Will remove for next meeting.
  - ██████████ – 30+ camera adds. Siemens and BPHC managing.

- ██████████████ – **Update** – **Camera project complete.** J. Gillis to run cabling to Meraki site for wicked-free wifi and for 2nd workstation. DoIT to add workstations to admin network.

- **BPD Camera projects** –
  - **Downtown crossing** – Phase 3 has started. BPD
  - **HQ** – Bid to be released.

- **PWD Camera Projects** – plan to install 1-2 cameras to view fueling sites. Will integrate in to Muni-Sec system under new PWD partition. All sites have network connectivity. Walk-thrus and box sale quotes completed. Cameras should be set to DHCP to reserve IP. DoIT will need camera MAC address also.
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- ██████████████████ – **Same Update** – DoIT working with Archives team to move this project forward.

Security Camera Strategy
Status Meeting – 12/19/18

- ██████████████████████████ – **Same Update** - DoIT to provide Siemens with update for box quote for 4 IP cameras to replace the 4 analog cameras. Plan to route DVR, which is currently on our admin network, to the City Hall camera core system, if DVR can support IP cameras. Camera views needed by BPD. (P4 Verizon project ~18 -24 months out.) Steve and Linda managing.

- ████████ **Camera – Same Update** – Currently there is a BoNet 300mg link connection. IPs provided to connect NVR to video VPN. Considerations are to either re-wire existing cameras to BoNet node or BPD to consider purchasing a few external cameras. Cameras are privately owned ███████████████████████ ████ and Steve has obtained permission to integrate them. Camera views needed by BPD and BSC. Steve managing.

- **BHA – Adding new cameras currently. Project to upgrade to SC5.6 (spring 2019) –** Mauori managing.

- ██ – **Update** – Cameras, licenses, cabinet and 2nd switch being purchased by BFD. Camera integration to be covered by DoIT/Siemens. DoIT network engineering to test multi-mode fiber on 12/20.   Joe Mayo managing.

- **BFD** ████████ **Camera Project – New project** – BFD to install 3 new cameras and one 24-port switch. Contractor to purchase and install cameras; J.Gillis to set camera views and passwords; cabling to be done by BFD.

  Side Projects:

- ███████████████ – **Same Update** - Met with Mike Donohue – Linda to provide him with camera and wifi minimum specs for compliance. Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras.

- **Private Company Camera Share** – **Update** - Met with Vertex on 6/7. Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. Vertex interested in using and paying for Cloud services for sharing their video. BTD with DoIT are leading this effort and working with the Seaport Leadership Group. Next meeting ~TBD.

  - ✕ **On Hold -** ████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

  - ✕ **On Hold - Water & Sewer – HQ-**████████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget.**

  - ✕ **BCYF –** ████████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Looking to check with BPD/OEM for funding of outdoor cameras due to gang issues.**

Roadblocks / Critical issues:

- None

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 12/19/18

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchrist	Siemens	X	
Jason Friedberg	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Matt Spillane	BPD	X	
Mauori Stavenson	BHA	X	

Security Camera Strategy
Status Meeting – 12/5/18

I. Agenda-Locations / Status Updates / Action Items

Locations: **(Updates in bold)**

- **City Hall Core System Upgrades:** Ongoing maintenance/no new projects. New power bricks replacements to be installed by Sully Mac over next 2 weeks.

- **BCYF -** ███████████ – **Update** – Cams to be integrated by Siemens. Linda and Rob managing together.

- **BCYF** ██████ – **Update** –Cams to be integrated by Siemens. Linda and Rob managing together.

- **BPHC – Camera Projects –**
  - ██████████ - **2 encoders** may be installed at 3rd floor/EMS HQ for analog camera connectivity. IPs provided. BPHC connecting to ports on their switch. Bob Gilchreist/Jeff Beers to connect and provide update.
  - ████████████ – ongoing project to add & replace cameras.
  - ██████████████████ - issues with viewing cameras = overall issue with BPHC/EMS routing to admin network that will be addressed by BPHC.
  - ████████████ – 30+ camera adds. Siemens and BPHC managing.

- ████████████████████ – **Update** – **Camera project complete.** J. Gillis to run cabling to Meraki site for wicked-free wifi. DoIT to connect workstations to admin network.

- **BPD Camera projects –**
  - **Downtown crossing** – Phase 3 has started. BPD
  - **HQ** – Bid to be released.

- **PWD Camera Projects** – plan to install 1-2 cameras to view fueling sites. Will integrate in to Muni-Sec system under new PWD partition. All sites have network connectivity. Siemens scheduled for site walk-thrus.
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- ████████████████████ – **Same Update** – Switch upgrade complete. Next steps: 1.) cabling, camera installation and integration to Genetec. Current set up = 8 analog cameras to a Bosh DVR. Propose to use Axis encoders to connect existing cameras to BoNet switch. PoE extenders needed.

Security Camera Strategy
Status Meeting – 12/5/18

- ██████████████████████ – **Update** - DoIT to provide Siemens with update for box quote for 4 IP cameras to replace the 4 analog cameras. Plan to route DVR, which is currently on our admin network, to the City Hall camera core system, if DVR can support IP cameras. Camera views needed by BPD. (P4 Verizon project ~18 -24 months out.) Steve and Linda managing.

- ██████ **Camera – Update** – Currently there is a BoNet 300mg link connection. IPs provided to connect NVR to video VPN. Considerations are to either re-wire existing cameras to BoNet node or BPD to consider purchasing a few external cameras. Cameras are privately owned ████████████████████████████████ and Steve has obtained permission to integrate them. Camera views needed by BPD and BSC. Steve managing.

- **BHA – Adding new cameras currently. Project to upgrade to SC5.7 (spring 2019) –** Mauori managing.

- ███ – **Update** – Cameras, licenses and 2nd switch being purchased via bid event. Camera integration to be covered by DoIT/Siemens. BFD has been advised to obtain a support contract with Siemens as other agencies have done as they reside on the Municipal Security system that is managed by Siemens. Joe Mayo managing.

- **BFD** ██████ **Camera Project – New project** – BFD to install 3 new cameras and one 24-port switch. Contractor to purchase and install cameras; J.Gillis to set camera views and passwords; cabling to be done by BFD. DoIT provided switch and fiber cable specs to BFD in November.

    Side Projects:

- ██████████████ – **Same Update** - Met with Mike Donohue – Linda to provide him with camera and wifi minimum specs for compliance. Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras.

- **Private Company Camera Share – Update** - Met with Vertex on 6/7. Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. Vertex interested in using and paying for Cloud services for sharing their video. BTD with DoIT are leading this effort and working with the Seaport Leadership Group. Next meeting ~TBD.

    - ✕ **On Hold -** ██████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

    - ✕ **On Hold - Water & Sewer – HQ-**██████████ **(78 cameras) &** ██████████ **(37 cameras) – On hold due to budget.**

    - ✕ **BCYF –** ██████████ **– On Hold** – Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Looking to check with BPD/OEM for funding of outdoor cameras due to gang issues.**

    Roadblocks / Critical issues:

    - None

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 12/5/18

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchreist	Siemens	X	
Jason Friedberg	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Matt Spillane	BPD	X	
Mauori Stavenson	BHA	X	

Time: Wednesday, 1/31/2018, 9:00AM – 10:00AM (Next meeting = 2/14/2018)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **City Hall Core System Upgrades: Ongoing**
    - o **City Hall camera replacements** – OEM approved; waiting on OEM funding; cameras ordered. Mike managing.

    - o **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras. Working thru MOUs.

- **BCYF -** ███████████████████ **– Update – Switch configuration and installation to be completed in 1 week. C**amera installs and integration to Core system to be completed within 2 weeks.

- **BCYF –** ███████████████████████ **– Update – Camera bid awarded to Siemens. Working on PO.** Network connectivity to BoNet established.

- ████████████ **– Same Update** –Next steps: Cabling to kitchen & Melodi's office; cabinet installation, network equipment move and new jacks. **Waiting on Leo/Melodi to provide PO**. Linda has sent multiple reminders.

- ███████████████████ **– Replacing 4 cameras** ██████ **with high-res cameras - Update** – **Project completed**. Will remove for next update.

- ████████████████████ is replacing existing cameras with 54 new Pelco IP cameras and 2 Pelco NVRs. Due to the NVRs, video recording can NOT be streamed to the City's Isilon servers for storage, AND, monitoring by Muni-Security will require Pelco software on the workstations. Need higher approvals on how to move forward.

- **BPD Camera projects – Two new projects for downtown to begin. ~41 new cameras.   Update – On Hold due to Accept & Spend process.** Shawn/Louie managing. ████████ connectivity = TBD.

- **Chinatown – Update –** Project complete. Will remove for next update.

- **BPD HQ** – **Update** – Phase 1 status – final step: Lan-Tel to receive and install GBICs. Phase 2 waiting on new funding. Shawn/Louie managing.

- **BPD Emergency Install –** ████████████████████ – Project Complete. Will remove for next report.

- **BPD Priority Install – Various School areas** – Camera installs in progress. IPs provided. Will use existing network connectivity. (Mathers and other schools areas – gang issues.)

Security Camera Strategy
Status Meeting – 1/31/18

- ███████████████████ – BPD requesting connectivity via BoNet for camera access/monitoring. Conduit needed to be run from BTD fiber location to ██████████ Bldg – BPDA to handle as part of the sidewalk re-bricking construction project ~June 2018. Fiber needed for network connectivity in to library – Jerry to handle once conduit is installed.

- ███████████████ – **Same update** - Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA.

- **Citywide Camera project hosted by OEM/Rene.** Shawn producing consolidated map – ongoing.

- **Video Sharing MOU & Governance** – Establishing cross-agency MOUs and a standard Governance for video sharing agencies to approve and use.

- **Private Company Camera Share** – Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. We are leading this effort and working with the Seaport Leadership Group.

- ✕ **On Hold -** ██████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

- ✕ **On Hold - Water & Sewer – HQ-**███████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget issues.** Obtaining new contact to work with.

- ✕ **BCYF –** ███████████ **– On Hold –** Due to lack of funding.

- ✕ **On Hold – BCYF -** ██████ - Due to renovations for ~12 months.

- ✕ **On Hold – BCYF –** █████████ – Due to pool closed for winter. Site will be set up to record video on-site via local DVR instead of setting up connectivity to BoNet in an effort to save costs as only 2 cameras are needed**.**

Roadblocks / Critical issues:
- None**.**

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 1/31/18

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

<p style="text-align:center; color:#3a5a8c;">Security Camera Strategy
Status Meeting – 2/14/18</p>

Time: Wednesday, 2/14/2018, 9:00AM – 10:00AM (Next meeting = 2/28/2018)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **City Hall Core System Upgrades: Ongoing**
  - o **City Hall camera replacements** – Cameras ordered and installations to begin next week. Mike managing.

- **BCYF -** ███████████████ **– Update – C**amera installs and integration to Core system completed on 2/13. Will remove for next report.

- **BCYF –** █████████████████████ **– Update – Camera installs to begin 2/14**.

- ████████████ **– Same Update –**Next steps: Cabling to kitchen & Melodi's office; cabinet installation, network equipment move and new jacks. **Waiting on Leo/Melodi to provide PO**. Linda to continue to push for movement.

- █████████████████ is replacing existing cameras with 54 new Pelco IP cameras and 2 Pelco NVRs. Due to the NVRs, video recording can NOT be streamed to the City's Isilon servers for storage, AND, monitoring by Muni-Security will require Pelco software on the workstations. Need higher approvals on how to move forward. Network switch configurations to complete this week.

- **BPD Camera projects – Two new projects for downtown to begin. ~41 new cameras.   Update – On Hold due to Accept & Spend process.** Shawn/Matt/Louie managing.

- **BPD HQ** – **Update** – Phase 1 status – final step: Lan-Tel to receive and install GBICs. Phase 2 waiting on new funding. Shawn/Louie managing.

- **BPD Priority Install – Various School areas** – Camera installs in progress. IPs provided. Will use existing network connectivity. (Mathers and other schools areas – gang issues.)

- ████████████████ – BPD requesting connectivity via BoNet for camera access/monitoring. Conduit needed to be run from BTD fiber location to ██████████ Bldg – BPDA to handle as part of the sidewalk re-bricking construction project ~June 2018. Fiber needed for network connectivity in to library – Jerry to handle once conduit is installed. Conducted network meeting with BPL for information sharing.

- ████████████████████ **– New project** – a.) Install exterior cameras, and, b.) Route video to Municipal Security.

- ███████████████████ **– Same update** - Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity

<div style="text-align:center;">1</div>

Security Camera Strategy
Status Meeting – 2/14/18

- **Citywide Camera project hosted by OEM/Rene.** Shawn producing consolidated map – ongoing.

- **Video Sharing MOU & Governance** – Establishing cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras. Working thru these MOUs.

- **Private Company Camera Share** – Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. We are leading this effort and working with the Seaport Leadership Group.

  - ✕ **On Hold -** ███████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

  - ✕ **On Hold - Water & Sewer – HQ-**██████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget issues.** Obtaining new contact to work with.

  - ✕ **BCYF –** ██████████ **– On Hold –** Due to lack of funding.

  - ✕ **On Hold – BCYF -** ██████ - Due to renovations for ~12 months.

  - ✕ **On Hold – BCYF –** ██████████ – Due to pool closed for winter. Site will be set up to record video on-site via local DVR instead of setting up connectivity to BoNet in an effort to save costs as only 2 cameras are needed**.**

 Roadblocks / Critical issues:
  - ██████ – NVR issue.

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 2/14/18

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

Security Camera Strategy
Status Meeting – 2/28/18

Time: Wednesday, 2/28/2018, 9:00AM – 10:00AM (Next meeting = 3/14/2018)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (**Updates in bold**)

- **City Hall Core System Upgrades: Ongoing**
  - **City Hall camera replacements** – Cameras installations and integration in progress. Mike managing.

- **BCYF** – ▌▌▌▌▌▌▌▌▌▌▌▌▌▌▌▌▌▌ – **Update – Camera installation and integration complete**. User set up to be completed by Friday, 3/2.

- **BCYF** ▌▌▌ – construction completing in next 2-3 months. Beginning cameras preparation with Roberson.

- ▌▌▌▌▌▌▌ – **Same Update** –Next steps: Cabling to kitchen & Melodi's office; cabinet installation, network equipment move and new jacks. **Waiting on Strand PM**. Linda to continue to push for movement.

- ▌▌▌ – **Update** - Completed. Will remove for next week.

- **BPD Camera projects – Two new projects for downtown to begin. ~41 new cameras – Phase 3 has started.** Shawn/Matt/Louie managing.

- **BPD HQ** – **Update** – In final stage – integrating cameras in to DVTel system. Shawn/Louie managing.

- **BPD** ▌▌▌▌▌▌▌▌▌▌▌▌▌▌▌▌▌ – **New Project – replace 6/7 analog cameras and adding 6/7 IP cameras**.

- **BPD Priority Install – Various School areas due to gang related issues** – Camera installs in progress.

- ▌▌▌▌▌▌▌▌ – **Update – Waiting on construction to begin for conduit run**. BPD requesting connectivity via BoNet for camera access/monitoring. Conduit needed to be run from BTD fiber location to ▌▌▌ ▌▌▌ Bldg – BPDA to handle as part of the sidewalk re-bricking construction project ~June 2018. Fiber needed for network connectivity in to library – Jerry to handle once conduit is installed.

- ▌▌▌▌▌▌▌ – **New project** – a.) Install exterior cameras, and, b.) Route video to Municipal Security. Current set up = 8/8 analog cameras to a Bosh DVR. Propose to use Axis encoders to connect cameras to BoNet switch. BoNet (Cisco) switch, CAT6 cabling and PoE extenders are needed.

- ▌▌▌▌▌▌ – **upgrading camera system. Bandwidth expected to handle POS and 10/11 cameras**. Looking to confirm camera model is supported.

- ▌▌▌▌▌▌ – relocate main entrance to ▌▌▌▌▌ and adding 2+ cameras and VoIP. BoNet and fiber connectivity needed or may use BPD wireless camera set up with Lan-Tel/DVTel. Steve managing.

- ▌▌▌▌▌▌▌ – replacing the 4 analog cameras and coax converter. Plan to copy the Fanueil

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Hall set up for this location.   Steve managing.

- ████████████ – **Same update** - Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity

- **Citywide Camera project hosted by OEM/Rene.** Shawn producing consolidated map – ongoing.

- **Video Sharing MOU & Governance** – Establishing cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras. Working thru these MOUs.

- **Private Company Camera Share** – Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. We are leading this effort and working with the Seaport Leadership Group.

  - ✕ **On Hold -** ████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

  - ✕ **On Hold - Water & Sewer – HQ-**████████ **(78 cameras) &** ██████ **(37 cameras) – On hold due to budget issues.** Obtaining new contact to work with.

  - ✕ **BCYF –** ████████ **– On Hold –** Due to lack of funding.

  - ✕ **On Hold – BCYF –** ████████ – Due to pool closed for winter. Site will be set up to record video on-site via local DVR instead of setting up connectivity to BoNet in an effort to save costs as only 2 cameras are needed**.**

Roadblocks / Critical issues:

- None

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 2/28/18

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

Security Camera Strategy
Status Meeting – 3/14/18

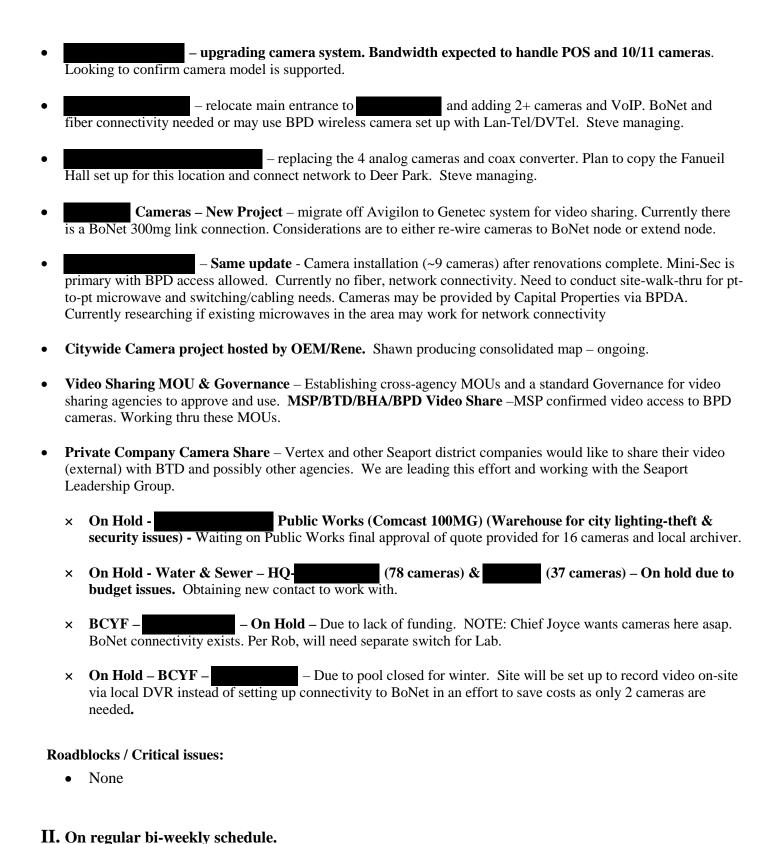|	
Time:	Wednesday, 3/14/2018, 9:00AM – 10:00AM (Next meeting = 3/28/2018)
Location:	Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)
Called by:	Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (Updates in bold)

- **City Hall Core System Upgrades: Ongoing**
  - o **City Hall camera replacements** – Cameras installations and integration in progress. Mike managing.

- **BCYF -** ▮▮▮▮▮▮▮ **– New project – Under construction – 16 new cameras being ordered; RAP network to be installed. C**amera installs and integration to Core BCYF system ~ mid April. Linda working with James Sessum on the camera order.

- **BCYF** ▮▮▮▮ **– Update** – Camera project resuming: Construction completing in next 2-3 months. Plan to order 14 new cameras (3 exterior and 11 interior). Current network = pt-to-pt wireless on roof. Linda working with Roberson on camera, cabinet and network orders.

- **BPHC - New Project – adding 20**+ **cameras**. Will add these to City Hall core system, Will need IPs from Network engineering team.

- ▮▮▮▮▮▮▮ **– Per Susan Rice and Patrick Mulvey-Welsh**, this project is not being funded by capital construction or the Strand. So this project is closed until funding becomes available. Will remove for next meeting.

- ▮▮▮▮ **– Update** - Camera installation complete. Cameras connect to a DVR which is NOT in alignment with the City's camera strategy nor P. Brophy's requirements. Linda to work with Pelco for recording to our Genetec VMS's also. Linda will get SMEs from both vendors to test for next week.

- **BPD Camera projects – Two new projects for downtown to begin. ~41 new cameras – Phase 3 has started, walk-thrus completed and installs to begin.** Shawn/Matt/Louie managing.

- **BPD HQ** – **Update** – In final stage – integrating cameras in to DVTel system. Shawn/Louie managing.

- ▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮ **– New Project – replace 6/7 analog cameras and adding 6/7 IP cameras**. In information gathering stage. Steve Healy managing .

- ▮▮▮▮▮▮ **– Update – Waiting on construction to begin for conduit run**. BPD requesting connectivity via BoNet for camera access/monitoring. Conduit needed to be run from BTD fiber location to ▮▮▮ ▮▮▮ Bldg – BPDA to handle as part of the sidewalk re-bricking construction project ~June 2018. Fiber needed for network connectivity in to library – Jerry to handle once conduit is installed. Conducted network meeting with BPL for information sharing.

- ▮▮▮▮▮▮▮▮ **– New project** – a.) Install exterior cameras, and, b.) Route video to Municipal Security. Current set up = 8/8 analog cameras to a Bosh DVR. Propose to use Axis encoders to connect cameras to BoNet switch. BoNet (Cisco) switch, CAT6 cabling and PoE extenders are needed.

- ███████████ – **upgrading camera system. Bandwidth expected to handle POS and 10/11 cameras**. Looking to confirm camera model is supported.

- ███████████ – relocate main entrance to ██████████ and adding 2+ cameras and VoIP. BoNet and fiber connectivity needed or may use BPD wireless camera set up with Lan-Tel/DVTel. Steve managing.

- ████████████████ – replacing the 4 analog cameras and coax converter. Plan to copy the Fanueil Hall set up for this location and connect network to Deer Park. Steve managing.

- ████████ **Cameras – New Project** – migrate off Avigilon to Genetec system for video sharing. Currently there is a BoNet 300mg link connection. Considerations are to either re-wire cameras to BoNet node or extend node.

- ████████████ – **Same update** - Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity

- **Citywide Camera project hosted by OEM/Rene.** Shawn producing consolidated map – ongoing.

- **Video Sharing MOU & Governance** – Establishing cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras. Working thru these MOUs.

- **Private Company Camera Share** – Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. We are leading this effort and working with the Seaport Leadership Group.

  - ✕ **On Hold -** ████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

  - ✕ **On Hold - Water & Sewer – HQ-**██████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget issues.** Obtaining new contact to work with.

  - ✕ **BCYF –** ████████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab.

  - ✕ **On Hold – BCYF –** ████████████ – Due to pool closed for winter. Site will be set up to record video on-site via local DVR instead of setting up connectivity to BoNet in an effort to save costs as only 2 cameras are needed**.**

Roadblocks / Critical issues:
- None

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 3/14/18

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

Time:	Wednesday, 3/28/2018, 9:00AM – 10:00AM (Next meeting = 4/11/2018)
Location:	Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)
Called by:	Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **City Hall Core System Upgrades: Ongoing**
  - o **City Hall camera replacements** – Cameras installations and integration in progress. Mike managing.

- **BCYF -** ▮▮▮▮▮▮▮▮ **– New project – Under construction – 16 new cameras being ordered; RAP network to be installed. C**amera installs and integration to Core BCYF system ~ late April. Linda working with James Sessum on the camera order.

- **BCYF** ▮▮▮▮ – **Update** – Camera project resuming: Construction completing in next 2-3 months. Plan to order 14 new cameras (3 exterior and 11 interior). Current network = pt-to-pt wireless on roof. Linda working with Roberson on camera order.

- **BPHC - New Project – adding 20+ cameras**. Will add these to City Hall core system, Will need IPs from Network engineering team.

- ▮▮▮▮▮▮ – **Update** - Camera installation complete. Cameras connect to a DVR which is NOT in alignment with the City's camera strategy nor P. Brophy's requirements. Linda to work with Pelco for recording to our Genetec VMS's also. Linda will get SMEs from both vendors to test for next week.

- **BPD Camera projects – Two new projects for downtown to begin. ~41 new cameras – Phase 3 has started, walk-thrus completed and installs to begin.** Prepping for Marathon. Shawn/Matt/Louie managing.

- **BPD HQ** – **Update** – Working on Phase 2 funding. Shawn/Louie managing.

- **BPHC -** ▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮ **– New Project – replace 6/7 analog cameras and adding 6/7 IP cameras**. In information gathering stage.

- ▮▮▮▮▮▮▮▮▮ – **Update – Waiting on construction to begin for conduit run**. BPD requesting connectivity via BoNet for camera access/monitoring. Conduit needed to be run from BTD fiber location to ▮▮▮ ▮▮▮ Bldg – BPDA to handle as part of the sidewalk re-bricking construction project ~June 2018. Fiber needed for network connectivity in to library – Jerry to handle once conduit is installed. Conducted network meeting with BPL for information sharing.

- ▮▮▮▮▮▮▮▮▮▮ – **Update** – a.) Install exterior cameras, and, b.) Route video to Municipal Security. Current set up = 8/8 analog cameras to a Bosh DVR. Propose to use Axis encoders to connect cameras to BoNet switch. BoNet (Cisco) switch, CAT6 cabling and PoE extenders are needed. Linda requesting Sully Mac to do site walk-thru based on their availability.

- ▮▮▮▮▮▮▮▮▮ – relocate main entrance to ▮▮▮▮▮▮ and adding 2+ cameras and VoIP. BoNet and fiber connectivity needed or may use BPD wireless camera set up with Lan-Tel/DVTel. Steve managing.

- ██████████████████████ – replacing the 4 analog cameras and coax converter. Plan to copy the Fanueil Hall set up for this location and connect network to Deer Park. Site walk-thru = 3/30. Steve managing.

- ████████ **Cameras – New Project** – migrate off Avigilon to Genetec system for video sharing. Currently there is a BoNet 300mg link connection. Considerations are to either re-wire cameras to BoNet node or extend node. Site walk-thru = 3/30. Steve managing.

- **Genetec Training** - On-site, cross-agency training = 4/12-4/13.

- ████████████ – **Same update** - Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity

- **Citywide Camera project hosted by OEM/Rene.** Shawn producing consolidated map – ongoing.

- **Video Sharing MOU & Governance** – Establishing cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras. Working thru these MOUs.

- **Private Company Camera Share** – Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. We are leading this effort and working with the Seaport Leadership Group.

  - × **On Hold -** ████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

  - × **On Hold - Water & Sewer – HQ-**████████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget issues.** Obtaining new contact to work with.

  - × **BCYF –** ████████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab.

  - × **On Hold – BCYF –** ████████████ – Due to pool closed for winter. Site will be set up to record video on-site via local DVR instead of setting up connectivity to BoNet in an effort to save costs as only 2 cameras are needed**.**

Roadblocks / Critical issues:
- None

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 3/28/18

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

Security Camera Strategy
Status Meeting – 4/11/18

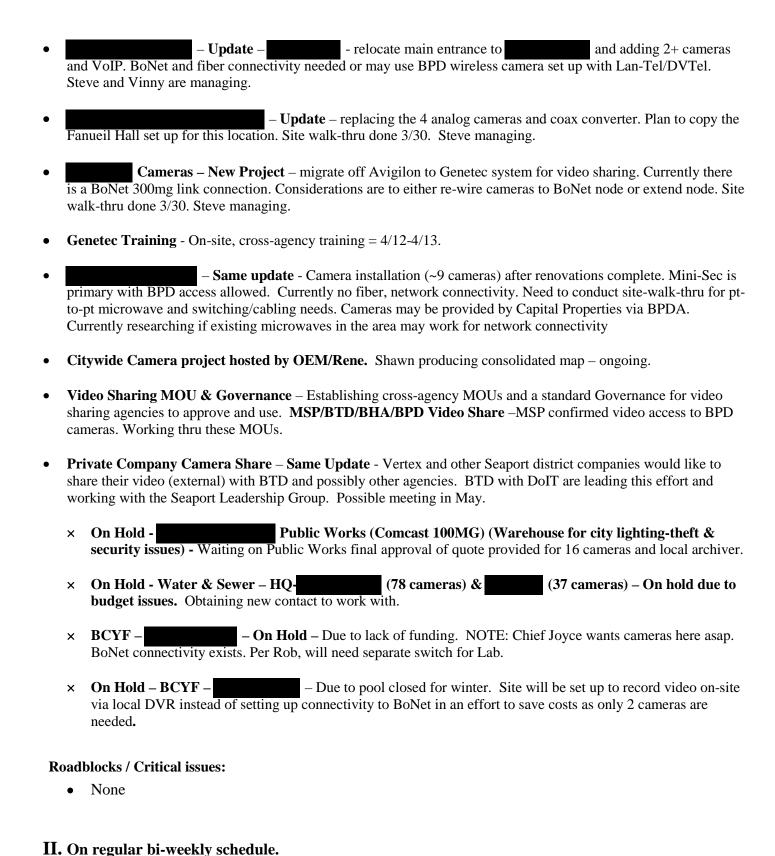Time: Wednesday, 4/11/2018, 9:00AM – 10:00AM (Next meeting = 4/25/2018)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **City Hall Core System Upgrades: Ongoing**
  - **City Hall camera replacements** – Cameras installations and integration in progress. Muni-Security managing.

- **BCYF -** ▮▮▮▮▮▮▮▮ **– New project – Under construction – 16 new cameras being ordered; RAP network to be installed.** Camera installs and integration to Core BCYF system ~ late April. Comcast cable modem & RAP to be used. Linda working with James Sessum and Rob Flaherty.

- **BCYF** ▮▮▮▮ **– Update** – Camera project resuming: Construction completing in next 2 months. Plan to order 14 new cameras (3 exterior and 11 interior). Current network = pt-to-pt wireless on roof. Roberson = cap construction PM. Not covered camera and network orders. Capital construction denied chg. mgt req. submitted by DoIT for fiber conduit install.

- ▮▮▮▮▮▮ **– Update** - Camera configuration issues resolved and Anise electric re-configured them correctly. (Will work with Pelco for recording to our Genetec VMS's also. Linda will get SMEs from both vendors to test. Temp camera license will be needed for testing.)

- **BPD Camera projects – downtown crossing – Two new projects for downtown to begin. ~41 new cameras –** Phase 3 has started, walk-thrus completed and installs to begin. Prepping for Marathon. Shawn/Matt/Louie managing.

- **BPD Camera projects –** ▮▮▮▮▮▮▮▮▮ **– new project – convert cameras to IP and to DVTel system.** Shawn/Matt/Louie managing.

- **BPD HQ** – **Update** – Working on Phase 2 funding. Shawn/Louie managing.

- **BPHC -** ▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮ **– New Project – replace 7 analog cameras and adding ~9 IP cameras = 16 cameras total**. In information gathering stage.

- ▮▮▮▮▮▮▮▮▮▮▮ **– Update – Construction started on 2nd floor**. BPD requesting connectivity via BoNet for camera access/monitoring. Conduit needed to be run from BTD fiber location to ▮▮▮▮▮▮ Bldg – BPDA to handle as part of the sidewalk re-bricking construction project ~June 2018. Fiber needed for network connectivity in to library – Jerry to handle once conduit is installed. Conducted network meeting with BPL for information sharing.

- ▮▮▮▮▮▮▮▮▮▮▮ **– Update** – Switch upgrade complete. Next steps: cabling walk-thru for quote; exterior camera installation, and, integration of video to Municipal Security. Current set up = 8 analog cameras to a Bosh DVR. Propose to use Axis encoders to connect cameras to BoNet switch. CAT6 cabling and PoE extenders are needed. Linda requesting Sully Mac to do site walk-thru based on their availability.

- ███████████ – **Update** – █████████ - relocate main entrance to █████████ and adding 2+ cameras and VoIP. BoNet and fiber connectivity needed or may use BPD wireless camera set up with Lan-Tel/DVTel. Steve and Vinny are managing.

- ████████████████ – **Update** – replacing the 4 analog cameras and coax converter. Plan to copy the Fanueil Hall set up for this location. Site walk-thru done 3/30. Steve managing.

- ████████ **Cameras – New Project** – migrate off Avigilon to Genetec system for video sharing. Currently there is a BoNet 300mg link connection. Considerations are to either re-wire cameras to BoNet node or extend node. Site walk-thru done 3/30. Steve managing.

- **Genetec Training** - On-site, cross-agency training = 4/12-4/13.

- ████████████ – **Same update** - Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity

- **Citywide Camera project hosted by OEM/Rene.** Shawn producing consolidated map – ongoing.

- **Video Sharing MOU & Governance** – Establishing cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras. Working thru these MOUs.

- **Private Company Camera Share** – **Same Update** - Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. BTD with DoIT are leading this effort and working with the Seaport Leadership Group. Possible meeting in May.

  - **On Hold -** ████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

  - **On Hold - Water & Sewer – HQ-**█████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget issues.** Obtaining new contact to work with.

  - **BCYF –** ████████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab.

  - **On Hold – BCYF –** █████████ – Due to pool closed for winter. Site will be set up to record video on-site via local DVR instead of setting up connectivity to BoNet in an effort to save costs as only 2 cameras are needed**.**

Roadblocks / Critical issues:
- None

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 4/11/18

Security Camera Strategy
Status Meeting – 4/11/18

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Ian Thomas	VidSys	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

<p align="center" style="color:#2e4a7a">Security Camera Strategy
Status Meeting – 4/25/18</p>

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>**Updates in bold**</u>)

- **City Hall Core System Upgrades: Ongoing**
  - **City Hall camera replacements** – Cameras installations and integration in progress. Muni-Security managing.

- **BCYF -** ▮▮▮▮▮▮▮▮▮ **– Under construction – 16 new cameras being ordered; RAP network to be installed.** Cameras to be installed and integrated to BCYF camera system. Comcast cable modem & RAP to be used. Linda working with James Sessum and Rob Flaherty. Timeframe = dependent on construction ~late May.

- **BCYF** ▮▮▮▮ **– Update –** Camera project resuming. Construction completing in ~May. Ordered 14 new cameras (3 exterior and 11 interior). Current pt-to-pt wireless on roof to be replaced. Roberson = cap construction PM. Not covered camera and network orders. Capital construction denied chg. mgt req. submitted by DoIT for fiber conduit install. Continue to work through issues.

- **BPD Camera projects – downtown crossing – Two new projects for downtown to begin. ~41 new cameras –** Phase 3 has started, walk-thrus completed and installs to begin. Shawn/Matt/Louie managing.

- **BPD Camera projects –** ▮▮▮▮▮▮▮▮▮▮ **– new project – convert cameras to IP and to DVTel system.** Shawn/Matt/Louie managing.

- **BPD HQ – Update –** Working on Phase 2 funding. Mtg = 5/8. Shawn/Louie managing.

- **BPHC -** ▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮ **– replacing 7 analog cameras and adding ~11 IP cameras = 18 cameras total.** Replacing PA & card reader systems also. Belkus managing.

- **BPHC – Other Camera Projects –** a.) ▮▮▮▮▮▮▮ camera adds; b.) ▮▮▮▮▮▮ fiber run to ▮▮ ▮▮▮▮▮ for camera adds; c.) River St – BoNet VPN for integration in to City Hall core system.

- ▮▮▮▮▮▮▮▮▮▮▮▮ **– Update – Construction started.** Conduit to be run from BTD manhole to building as part of construction. DoIT provided BPDA construction PM, Deloris Fazio, with quote for fiber from BTD splice to BPL server room. BPD to run fiber, 12 strands, to top (6th) floor, and DoIT to provide 2 switches. BPD requesting connectivity via BoNet for pt-to-pt wireless alternate connection (critical path for BPD cameras). Conducted site walk-thru and determined best location for networking cabinet and equipment.

- ▮▮▮▮▮▮▮▮▮▮▮▮ **– Update –** Switch upgrade complete. Next steps: 1.) cabling may be run by John Gillis; 2.) cameras to be installation and added to Municipal Security Genetec camera infrastructure. Current set up = 8 analog cameras to a Bosh DVR. Propose to use Axis encoders to connect existing cameras to BoNet switch. CAT6 cabling and PoE extenders are needed.

Security Camera Strategy
Status Meeting – 4/25/18

- ██████████████ – **Update** – ████████ - relocate main entrance to ████████ and adding 2+ cameras and VoIP. BoNet and fiber connectivity needed or may use BPD wireless camera set up with Lan-Tel/DVTel. Steve and Vinny are managing.

- ███████████████████ – **New Project** – 17 cameras, switch to be in ████████ will use RCN connection, will set up isolated platform.

- █████████████████████ – **Update** – replacing the 4 analog cameras and coax converter. Plan to copy the Faneuil Hall set up for this location. Site walk-thru done 3/30. Steve managing.

- ████████ **Cameras – New Project** – migrate off Avigilon to Genetec system for video sharing. Currently there is a BoNet 300mg link connection. Considerations are to either re-wire cameras to BoNet node or extend node. Site walk-thru done 3/30. Steve managing.

- ██████████████ – **Same update** - Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity

- **Citywide Camera project hosted by OEM/Rene.** Shawn producing consolidated map – ongoing. Matt working with City Hall ESRI team for ArcGIS maps.

- **Video Sharing MOU & Governance** – Establishing cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras. Working thru these MOUs.

- **Private Company Camera Share** – **Same Update** - Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. BTD with DoIT are leading this effort and working with the Seaport Leadership Group. Possible meeting in May.

  - ✕ **On Hold -** ████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

  - ✕ **On Hold - Water & Sewer – HQ-**████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget issues.** Obtaining new contact to work with.

  - ✕ **BCYF –** ████████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **BCYF/Muni-sec/networking to meet this Friday to discuss.**

  - ✕ **On Hold – BCYF –** ████████████ – Due to pool closed for winter. Site will be set up to record video on-site via local DVR instead of setting up connectivity to BoNet in an effort to save costs as only 2 cameras are needed**.**

Roadblocks / Critical issues:
- None

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 4/25/18

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchreist	Siemens	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

Security Camera Strategy
Status Meeting – 5/23/18

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **City Hall Core System Upgrades: Ongoing**
    - o **City Hall camera replacements** – Cameras installations and integration in progress. Muni-Security and Linda managing.

    - o **Plaza Cameras** – new project – site walk-thru conducted yesterday.

- **BCYF -** ▮▮▮▮▮▮▮▮ **– Under construction – 16 new cameras being ordered; RAP network to be installed.** Cameras to be installed and integrated to BCYF camera system. Comcast cable modem & RAP& Cisco switch to be used. Linda working with James Sessum and Rob Flaherty. Timeframe = dependent on construction ~late May.

- **BCYF** ▮▮▮▮ **– Update –** Construction completing in ~June. Ordered 14 new cameras (3 exterior and 11 interior). Current pt-to-pt wireless on roof to be replaced. Expected completion ~mid-July. Linda, Rob and Roberson managing project together.

- **BPD Camera projects – downtown crossing – Two new projects for downtown to begin. ~41 new cameras –** Phase 3 has started, walk-thrus completed and installs to begin. (Projects dependent on completion of backhaul at ▮▮▮▮▮▮▮▮ Shawn/Matt/Louie managing.

- **BPD HQ – Update –** Funding approved. Project moving forward. Shawn/Matt managing.

- **BPHC -** ▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮ **– replacing 7 analog cameras and adding ~11 IP cameras = 18 cameras total**. Replacing PA & card reader systems also. PO approved. Project moving forward. Belkus managing.

- **BPHC – Other Camera Projects –** a.) ▮▮▮▮▮▮▮ camera adds- ON-HOLD; b.) ▮▮▮▮▮▮ fiber run to ▮▮▮▮▮▮▮▮ for camera adds – 12 count fiber being run to 29th floor for integration in to City Hall camera code system.

- ▮▮▮▮▮▮▮▮▮▮▮ **– Update – Construction in progress – Update -** Conduit to be run from BTD manhole to building as part of construction. DoIT provided BPDA construction PM, Deloris Fazio, and BPL with quote for fiber from BTD splice to BPL server room. BPDA and BPL to decide on ownership and payment of fiber. BPD to run fiber, 12 strands, to top (6th) floor, and DoIT to provide 2 switches. BPD requesting connectivity via BoNet for pt-to-pt wireless alternate connection (critical path for BPD cameras). Team meeting with Delores to be scheduled for next Thu at 1PM.

- ▮▮▮▮▮▮▮▮▮▮ **– Update –** Switch upgrade complete. Next steps: 1.) cabling may be run by John Gillis, Muni-Security; 2.) cameras to be installed and added to Municipal Security Genetec camera infrastructure. (Current set up = 8 analog cameras to a Bosh DVR.) Propose to use Axis encoders to connect existing cameras to BoNet switch. CAT6 cabling and PoE extenders are needed.
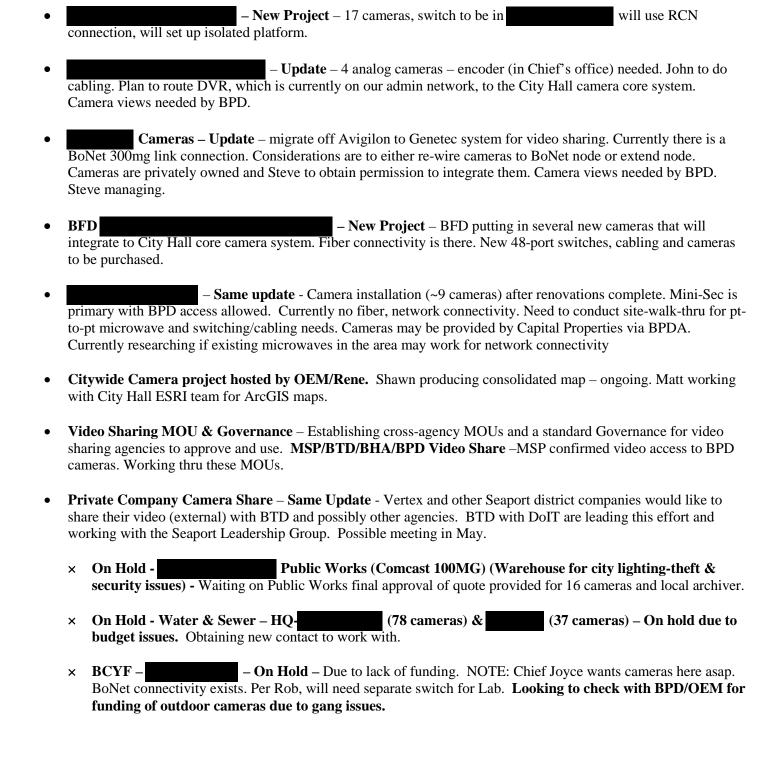
Security Camera Strategy
Status Meeting – 5/23/18

- ████████████ – **Update** – ████████ - relocate main entrance to ████████ and adding 2+ cameras and VoIP. BoNet and fiber connectivity needed or may use BPD wireless camera set up with Lan-Tel/DVTel. Steve and Vinny are managing.

- ████████████████ – **New Project** – 17 cameras, switch to be in ████████████ will use RCN connection, will set up isolated platform. – Completed, will remove for next meeting.

- ████████████████████ – **Update** – 4 analog cameras – encoder (in Chief's office) needed. John to do cabling. Plan to route DVR, which is currently on our admin network, to the City Hall camera core system. Camera views needed by BPD. (P2 Synesis project ~ 18 mos out)

- ████████ **Cameras – Update** – migrate off Avigilon to Genetec system for video sharing. Currently there is a BoNet 300mg link connection. Considerations are to either re-wire cameras to BoNet node or extend node. Cameras are privately owned and Steve to obtain permission to integrate them. Camera views needed by BPD. Steve managing.

- **BFD** ████████████████████████████ – **New Project** – **Site walk-thru and spec sheets provided to Joe**. BFD putting in several new cameras that will integrate to City Hall core camera system. Fiber connectivity is there. New 48-port switches, cabling and cameras to be purchased.

- ████████████████ – **New Project** – Needs: connectivity to BoNet for wifi and video VPN for cameras. Network engineering working on connectivity options.

- ████████████████ – **Same update** - Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity

- **Citywide Camera project hosted by OEM/Rene.** Shawn producing consolidated map – ongoing. Matt working with City Hall ESRI team for ArcGIS maps.

- **Video Sharing MOU & Governance** – Establishing cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras. Working thru these MOUs.

- **Private Company Camera Share** – **New Update** - Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. BTD with DoIT are leading this effort and working with the Seaport Leadership Group. Group meeting scheduled for 5/25.

  - ✕ **On Hold -** ████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

  - ✕ **On Hold - Water & Sewer – HQ-** ████████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget issues.** Obtaining new contact to work with.

  - ✕ **BCYF –** ████████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Looking to check with BPD/OEM for funding of outdoor cameras due to gang issues.**

Security Camera Strategy
Status Meeting – 5/23/18

Roadblocks / Critical issues:

- None

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchreist	Siemens	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

Security Camera Strategy
Status Meeting – 5/9/18

Time: Wednesday, 5/9/2018, 9:00AM – 10:00AM (Next meeting = 5/23/2018)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **City Hall Core System Upgrades: Ongoing**
  - **City Hall camera replacements** – Cameras installations and integration in progress. Muni-Security and Linda managing.

  - **Plaza Cameras** – new project and need updates.

- **BCYF -** ███████████ **– Under construction – 16 new cameras being ordered; RAP network to be installed.** Cameras to be installed and integrated to BCYF camera system. Comcast cable modem & RAP to be used. Linda working with James Sessum and Rob Flaherty. Timeframe = dependent on construction ~late May.

- **BCYF** ██████ **– Update –** Construction completing in ~June. Ordered 14 new cameras (3 exterior and 11 interior). Current pt-to-pt wireless on roof to be replaced. Expected completion ~mid-July. Linda, Rob and Roberson managing project together.

- **BPD Camera projects – downtown crossing – Two new projects for downtown to begin. ~41 new cameras –** Phase 3 has started, walk-thrus completed and installs to begin. (Projects dependent on completion of backhaul at ██████████ Shawn/Matt/Louie managing.

- **BPD HQ – Update –** Working on Phase 2 funding. Mtg = 5/8. Shawn/Louie managing.

- **BPHC -** ████████████████████████████ **– replacing 7 analog cameras and adding ~11 IP cameras = 18 cameras total**. Replacing PA & card reader systems also. In BID process. Site walk-thru completed last week. Belkus managing.

- **BPHC – Other Camera Projects –** a.) ██████████ camera adds; b.) ████████████ fiber run to ████ ██████ for camera adds – 12 count fiber being run to 29th floor for integration in to City Hall camera code system.

- ████████████████████ **– Update – Construction in progress – Update -** Conduit to be run from BTD manhole to building as part of construction. DoIT provided BPDA construction PM, Deloris Fazio, and BPL with quote for fiber from BTD splice to BPL server room. BPDA and BPL to decide on ownership and payment of fiber. BPD to run fiber, 12 strands, to top (6th) floor, and DoIT to provide 2 switches. BPD requesting connectivity via BoNet for pt-to-pt wireless alternate connection (critical path for BPD cameras). Team meeting with Delores to be scheduled for next Thu at 1PM.

- ████████████████████ **– Update –** Switch upgrade complete. Next steps: 1.) cabling may be run by John Gillis, Muni-Security; 2.) cameras to be installed and added to Municipal Security Genetec camera infrastructure. (Current set up = 8 analog cameras to a Bosh DVR.) Propose to use Axis encoders to connect existing cameras to BoNet switch. CAT6 cabling and PoE extenders are needed.

- ████████████ – **Update** – ████████ - relocate main entrance to ████████ and adding 2+ cameras and VoIP. BoNet and fiber connectivity needed or may use BPD wireless camera set up with Lan-Tel/DVTel. Steve and Vinny are managing.

- ████████████████ – **New Project** – 17 cameras, switch to be in ████████████ will use RCN connection, will set up isolated platform.

- ████████████████████ – **Update** – 4 analog cameras – encoder (in Chief's office) needed. John to do cabling. Plan to route DVR, which is currently on our admin network, to the City Hall camera core system. Camera views needed by BPD.

- ████████ **Cameras – Update** – migrate off Avigilon to Genetec system for video sharing. Currently there is a BoNet 300mg link connection. Considerations are to either re-wire cameras to BoNet node or extend node. Cameras are privately owned and Steve to obtain permission to integrate them. Camera views needed by BPD. Steve managing.

- **BFD** ██████████████████████████████ – **New Project** – BFD putting in several new cameras that will integrate to City Hall core camera system. Fiber connectivity is there. New 48-port switches, cabling and cameras to be purchased.

- ████████████████ – **Same update** - Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity

- **Citywide Camera project hosted by OEM/Rene.** Shawn producing consolidated map – ongoing. Matt working with City Hall ESRI team for ArcGIS maps.

- **Video Sharing MOU & Governance** – Establishing cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras. Working thru these MOUs.

- **Private Company Camera Share** – **Same Update** - Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. BTD with DoIT are leading this effort and working with the Seaport Leadership Group. Possible meeting in May.

    ✕ **On Hold -** ████████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

    ✕ **On Hold - Water & Sewer – HQ-**████████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget issues.** Obtaining new contact to work with.

    ✕ **BCYF –** ████████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Looking to check with BPD/OEM for funding of outdoor cameras due to gang issues.**

Roadblocks / Critical issues:

- None

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchreist	Siemens	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

Security Camera Strategy
Status Meeting – 6/20/18

Time: Wednesday, 6/20/2018, 9:00AM – 10:00AM (**Next meeting / 3 weeks out = 7/11/2018**)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **City Hall Core System Upgrades: Ongoing**
  - **City Hall camera maintenance** – Ongoing. Muni-Sec and Linda managing.

- **BCYF -** ███████ **– Update – Under construction until Sept – 16 new cameras being installed this week; RAP, Comcast cable modem to be ordered by BCYF. Network to be installed in July.** Cameras will be integrated to BCYF camera system once network connectivity established. Linda working with James Sessum and Rob Flaherty.

- **BCYF** ███ **– Update – Under construction until Sept** - 14 new cameras (3 exterior and 11 interior) to be installed, date = TBD. Current pt-to-pt wireless on roof to be replaced. Linda, Rob and Roberson managing project together.

- **BPD Camera projects – downtown crossing – Phase 2 completing this month.** Phase 3 has started and installs to begin later this month. Backhaul to ███████ = critical. Shawn/Matt/Louie managing.

- **BPD HQ – Update –** Working on Phase 2 funding allocation. Shawn/Louie managing.

- **BPHC -** ████████████████████ **– New Project – replace 7 analog cameras and adding ~11 IP cameras = 18 cameras total**. Replacing PA & card reader systems also. In bid process. Site walk-thru completed last week. Belkus managing.

- **BPHC – Other Camera Projects –** a.) ███████ **fiber run to** ████████ – 12 count fiber being run to BoNet node, 29th floor, for network connectivity for integration of BPHC cameras in to City Hall Core camera infrastructure. b.) ████████ camera adds; integration to City Hall Core system is TBD. C.) J. Cushing requested 2 encoders be installed at ████████ ██ ████████ for analog camera connectivity. 2 IPs will be provided once additional info is provided and reviewed.

- ████████████ **– Update – Construction in progress - Update –** Conduit and fiber run completed. Specifications provided and are being review. Because this is a historical building, construction must be spec'd and approved prior. DoIT to provide 2 switches – 1 for server room and 1 for 6th floor. BPD requesting connectivity via BoNet for pt-to-pt wireless alternate connection (critical path for BPD DTX cameras).

- ████████████ **– Update –** Switch upgrade complete. Next steps: 1.) cabling may be run by John Gillis; 2.) cameras to be installation and added to Municipal Security Genetec camera infrastructure – IP requested. Current set up = 8 analog cameras to a Bosh DVR. Propose to use Axis encoders to connect existing cameras to BoNet switch. CAT6 cabling and PoE extenders are needed.

Security Camera Strategy
Status Meeting – 6/20/18

- **Circuit Drive (275 Canterbury) / Greenhouse – Update** – fiber installation = 6/20. Switch installs complete. Camera installs in progress and IPs provided.
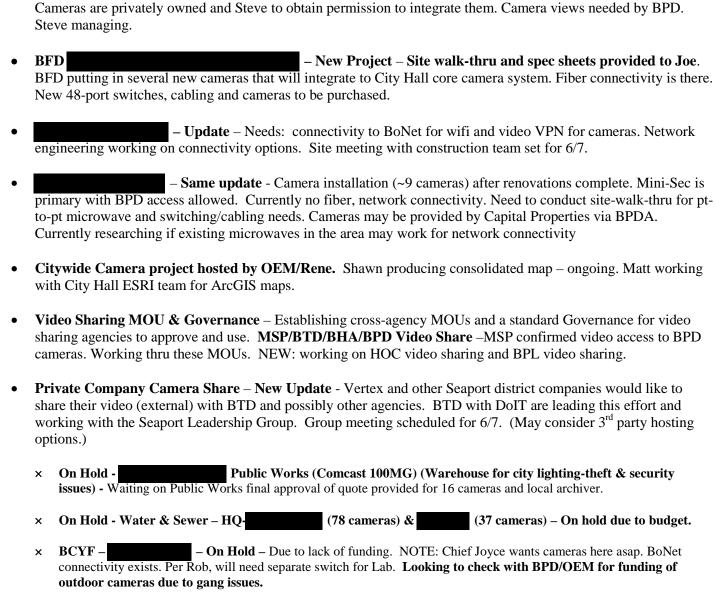
- ███████████████████████ – Considering replacing the 4 analog cameras with IP cameras. John to do cabling. Plan to route DVR, which is currently on our admin network, to the City Hall camera core system. Camera views needed by BPD. (P2 Synesis project ~ 18 mos. out)

- ████████ **Camera - Update** –Currently there is a BoNet 300mg link connection. Considerations are to either re-wire cameras to BoNet node or extend node. Cameras are privately owned and Steve to obtain permission to integrate them. Camera views needed by BPD. Steve managing.

- **BFD** ██████████████████████████████ **– Update** – BFD putting in several new cameras that will integrate to City Hall core camera system. Fiber connectivity is there. New 48-port switches, cabling and cameras purchased by BFD**.** Joe Mayo to provide installation dates.

- ██████████████ – Conducted site survey with BPD, Parks (Healy) and DoIT (DeStefano) on 6/7. Cameras will connect to BPD pt-to-pt network. Conduit and cabling requests submitted by DoIT for future use. Wifi currently not in plans.

- ██████████████ – **Same Update** - Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Citywide Camera project hosted by OEM/Rene -** Shawn producing consolidated map. BPD working with City Hall Esri team and Genetec on mapping.

- **Video Sharing MOU & Governance** – Establishing cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras. Working thru these MOU.

- **Private Company Camera Share** – **New Update** - Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. BTD with DoIT are leading this effort and working with the Seaport Leadership Group. Group meeting scheduled for 6/7. (May consider 3rd party hosting options.)

  - × **On Hold -** ███████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

  - × **On Hold - Water & Sewer – HQ-** ██████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget.**

  - × **BCYF –** ██████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Looking to check with BPD/OEM for funding of outdoor cameras due to gang issues.**

Roadblocks / Critical issues:
- None

II. On SUMMER schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchreist	Siemens	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

<p style="text-align:center">Security Camera Strategy
Status Meeting – 6/6/18</p>

I. Agenda-Locations / Status Updates / Action Items

Locations: (Updates in bold)

- **City Hall Core System Upgrades: Ongoing**
  - **City Hall camera replacements** – Cameras installations and integration completed. Will remove for next report.

  - **Plaza Cameras** – Cameras installations and integration in progress. Muni-Security managing.

- **BCYF** - ███████████ – **Construction complete – 16 new cameras being installed this week; RAP network to be installed.** Cameras will be integrated to BCYF camera system once network connectivity established. Comcast cable modem & RAP& Cisco switch to be used. Linda working with James Sessum and Rob Flaherty. Expected completion = 6/29.

- **BCYF** ██████ – **Update** – Construction completing in ~mid-June. Ordered 14 new cameras (3 exterior and 11 interior). Current pt-to-pt wireless on roof to be replaced. Expected completion of camera integration ~mid-July. Linda, Rob and Roberson managing project together.

- **BPD Camera projects – downtown crossing – Two new projects for downtown to begin. ~41 new cameras –** Phase 3 has started, Cameras installations and integrations in progress. (Project dependent on completion of backhaul at ██████████ Shawn/Matt/Louie managing.

- **BPD HQ – Update** – Funding approved. Project moving forward. Shawn/Matt managing.

- **BPHC** - ████████████████████████████████ – **replacing 7 analog cameras and adding ~11 IP cameras = 18 cameras total**. Replacing PA & card reader systems also. PO approved. Cameras prepped and ready for installation. Belkus and Bob Gilchreist managing.

- **BPHC – Other Camera Projects –** a.) ████████████ - camera adds- ON-HOLD – waiting on project B-fiber run. b.) ████████ **fiber run to** ████████████ for camera adds – 12 count fiber being run to BoNet for network connectivity for integration of BPHC cameras in to City Hall Core camera infrastructure. C.) J. Cushing requested 2 encoders be installed at 785 Albany St/EMS HQ for analog camera connectivity.

- ████████████████████ – **Update – Construction in progress – Update** - Conduit was run from BTD manhole to building as part of construction. BPL issued PO for fiber (12 strands) from BTD splice to BPL server room. Because this is a historical building, construction must be spec'd and approved prior. BPD to provide technical specs for fiber run to the top (6th) floor and then to the roof. BPD to provide technical specs and drawings for wireless unit and installation plan for attaching to the roof. DoIT to provide 2 switches – 1 for server room and 1 for 6th floor. DoIT to provide specs and installation plan for wall-mounted cabinet. BPD requesting connectivity via BoNet for pt-to-pt wireless alternate connection (critical path for BPD cameras). Team met with BPDA and tech specs and drawings require approvals.

- ████████████████████ – **Update** – Cabling ordered by property mgt. Next steps: 1.) cabling may be run by John Gillis, Muni-Security; 2.) cameras to be installed and added to Municipal Security Genetec camera

infrastructure. (Current set up = 8 analog cameras to a Bosh DVR.) Propose to use Axis encoders to connect existing cameras to BoNet switch. CAT6 cabling and PoE extenders are needed.

- **Circuit Drive (275 Canterbury) / Greenhouse – Update** - relocate main entrance to ████████ and installing 2 cameras on 2 new poles to view entrance and area. Admin bldg. to greenhouse is pt-to-pt and need to confirm it can support video.

- ████████████████ **– Update** – 17 cameras, switch to be in ████████████ will use RCN connection. Team concurred to have the NVR configured with static IPs for remote viewing of video.

- ████████████████████ **– Update** – 4 analog cameras – encoder (in Chief's office) needed. John to do cabling. Plan to route DVR, which is currently on our admin network, to the City Hall camera core system. Camera views needed by BPD. (P2 Synesis project ~ 18 mos out)

- ████████ **Cameras – Update** – migrate off Avigilon to Genetec system for video sharing. Currently there is a BoNet 300mg link connection. Considerations are to either re-wire cameras to BoNet node or extend node. Cameras are privately owned and Steve to obtain permission to integrate them. Camera views needed by BPD. Steve managing.

- **BFD** ████████████████████████████ **– New Project – Site walk-thru and spec sheets provided to Joe**. BFD putting in several new cameras that will integrate to City Hall core camera system. Fiber connectivity is there. New 48-port switches, cabling and cameras to be purchased.

- ████████████████ **– Update** – Needs: connectivity to BoNet for wifi and video VPN for cameras. Network engineering working on connectivity options. Site meeting with construction team set for 6/7.

- ████████████████ **– Same update** - Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity

- **Citywide Camera project hosted by OEM/Rene.** Shawn producing consolidated map – ongoing. Matt working with City Hall ESRI team for ArcGIS maps.

- **Video Sharing MOU & Governance** – Establishing cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras. Working thru these MOUs. NEW: working on HOC video sharing and BPL video sharing.

- **Private Company Camera Share – New Update** - Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. BTD with DoIT are leading this effort and working with the Seaport Leadership Group. Group meeting scheduled for 6/7. (May consider 3rd party hosting options.)

  × **On Hold -** ████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

  × **On Hold - Water & Sewer – HQ-** ████████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget.**

  × **BCYF –** ████████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Looking to check with BPD/OEM for funding of outdoor cameras due to gang issues.**

Security Camera Strategy
Status Meeting – 6/6/18

Roadblocks / Critical issues:

- None

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchreist	Siemens	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

Security Camera Strategy
Status Meeting – 7/11/18

I. Agenda-Locations / Status Updates / Action Items

Locations: (**<u>Updates in bold</u>**)

- **City Hall Core System Upgrades: Ongoing**
  - **City Hall camera maintenance** – Ongoing. Muni-Sec and Linda managing.

- **BCYF -** ███████ **– Update – Opening Sept 1ˢᵗ – 16 new cameras being installed this week; RAP, Comcast cable modem and service were ordered by BCYF. Network to be installed in July.** Cameras will be integrated to BCYF camera system once network connectivity established. Cameras to use DHCP for IP addressing. Linda working with James Sessum and Rob Flaherty.

- **BCYF** ███████ **– Update – Under construction until Sept** - 14 new cameras (3 exterior and 11 interior) to be installed ~ July. Pt-to-pt wireless on roof to be re-installed next week. Linda, Rob and Roberson managing project together.

- **BPD Camera projects – downtown crossing – Phase 2 completing this month.** Phase 3 has started and installs to begin later this month. Backhaul to ███████ = critical. Shawn/Matt/Louie managing.

- **BPD HQ – Update** – Working on Phase 2 funding allocation. Shawn/Louie managing.

- **BPHC -** ███████████████ **– New Project – replace 7 analog cameras and adding ~11 IP cameras = 18 cameras total**. Replacing PA & card reader systems also. In bid process. Site walk-thru completed last week. Belkus managing.

- **BPHC – Other Camera Projects –** a.) ███████ **fiber run to** ███████ – 12 count fiber being run to BoNet node, 29ᵗʰ floor, for network connectivity for integration of BPHC cameras in to City Hall Core camera infrastructure. b.) ███████ camera adds; integration to City Hall Core system is TBD. C.) J. Cushing requested 2 encoders be installed at ███████ ███████ for analog camera connectivity. 2 IPs will be provided once additional info is provided and reviewed.

- ███████████ **– Update – Construction in progress - Update** – Conduit and fiber run completed. Specifications provided and are being review. Because this is a historical building, construction must be spec'd and approved prior. DoIT to provide 2 switches – 1 for server room and 1 for 6ᵗʰ floor. BPD requesting connectivity via BoNet for pt-to-pt wireless alternate connection (critical path for BPD DTX cameras).

- ███████████ **– Update** – Switch upgrade complete. Next steps: 1.) cabling may be run by John Gillis; 2.) cameras to be installation and added to Municipal Security Genetec camera infrastructure – IP requested. Current set up = 8 analog cameras to a Bosh DVR. Propose to use Axis encoders to connect existing cameras to BoNet switch. CAT6 cabling and PoE extenders are needed.

Security Camera Strategy
Status Meeting – 7/11/18

- **Circuit Drive (275 Canterbury) / Greenhouse – Update -** Completed. Gas pump cameras to be next installation.

- ████████████████████████ – Considering replacing the 4 analog cameras with IP cameras.   John to do cabling. Plan to route DVR, which is currently on our admin network, to the City Hall camera core system. Camera views needed by BPD. (P2 Synesis project ~ 18 mos. out)

- ████████ **Camera - Update** –Currently there is a BoNet 300mg link connection. Considerations are to either re-wire cameras to BoNet node or extend node. Cameras are privately owned and Steve to obtain permission to integrate them. Camera views needed by BPD. Steve managing.

- **BFD** ██████████████████████████ **to 115 S. Hampton – Update** – BFD putting in several new cameras that will integrate to City Hall core camera system. Fiber connectivity existing – multi-mode. New 48-port switches, cabling and cameras purchased by BFD**. 3 cameras installed**.

- ██████████████ – Conducted site survey with BPD, Parks (Healy) and DoIT (DeStefano) on 6/7. Cameras will connect to BPD pt-to-pt network. Conduit and cabling requests submitted by DoIT for future use. Wifi currently not in plans.

- ██████████████ – **Same Update** - Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Citywide Camera project hosted by OEM/Rene -** Shawn producing consolidated map. BPD working with City Hall Esri team and Genetec on mapping.

- **Video Sharing MOU & Governance** – Establishing cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras. Working thru these MOU.

- **Private Company Camera Share** – **New Update** - Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. BTD with DoIT are leading this effort and working with the Seaport Leadership Group. Group meeting scheduled for 6/7. (May consider 3rd party hosting options.)

  - ✕ **On Hold -** ██████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

  - ✕ **On Hold - Water & Sewer – HQ-**██████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget.**

  - ✕ **BCYF –** ██████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Looking to check with BPD/OEM for funding of outdoor cameras due to gang issues.**

Roadblocks / Critical issues:
- None

Security Camera Strategy
Status Meeting – 7/11/18

II. On SUMMER schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchreist	Siemens	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

Security Camera Strategy
Status Meeting – 8/1/18

Time: Wednesday, 8/1/2018, 9:00AM – 10:00AM **(Next meeting - 3 weeks out = 8/22/2018)**

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **City Hall Core System Upgrades: Ongoing**
  - **City Hall camera maintenance** – Ongoing. Muni-Sec and Linda managing.

- BCYF - ▮▮▮▮▮▮▮▮ – **Update – Opening Sept 1st – 16 new cameras; RAP, Comcast cable modem and service were ordered by BCYF – waiting to receive RAP and on date for Comcast service. Network switch configured and ready for install. Patch panel may be needed.** Cameras will be integrated to BCYF camera system once network connectivity established. Cameras to use DHCP for IP addressing. Linda working with James Sessum and Rob Flaherty.

- BCYF ▮▮▮▮▮ – **Update – Opening early Sept** - 14 new cameras (3 exterior and 11 interior). **Pt-to-pt wireless on roof re-installation requires remediation to meet specs. SullyMac to do remediation and needs PO ASAP for quote provided this week. Quote sent to Procurement on 7/31.** (No network cabinet needed as server room has rack(s) installed.) Linda, Rob and Roberson managing project together.

- **BPD Camera projects – downtown crossing – Phase 2 completing this month.** Phase 3 has started and installs to begin later this month. Backhaul to ▮▮▮▮▮▮ = critical. Shawn/Matt/Louie managing.

- **BPD HQ – Update** – Funding allocated by OEM. Shawn/Louie managing.

- BPHC - ▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮ – **90% complete** – replacing 7 analog cameras and adding ~11 IP cameras = 18 cameras total. Replacing PA & card reader systems also.

- **BPHC – Other Camera Projects** – a.) ▮▮▮▮▮▮ **fiber run to** ▮▮▮▮▮ – 12 count fiber run completed and IPs for cameras issued. b.) **Need update:** ▮▮▮▮▮▮▮ camera adds; integration to City Hall Core system is TBD. C.) **Need update**: J. Cushing using 2 encoders at ▮▮▮▮▮▮▮▮▮▮ for analog camera connectivity. 2 IPs provided for set up.

- ▮▮▮▮▮▮▮▮▮ – **Update – Construction in progress - Update** – Lan-Tel specifications for fiber to roof and wireless unti installation on roof – approved by COB construction (Dolores Fazio). (Because this is a historical building, construction must be spec'd and approved prior.) Lan-Tel to complete work by this week-8/3. DoIT to provide **2** switches – 1 for server room to be installed 8/2, and 1 for 6th floor. BPD requesting connectivity via BoNet for pt-to-pt wireless connection (critical path for BPD DTX cameras).

- ▮▮▮▮▮▮▮▮▮ – **Same update** – Switch upgrade complete. Next steps: 1.) cabling to be run by John Gillis; 2.) cameras to be installation and added to Municipal Security Genetec camera infrastructure – IPs requested. Current set up = 8 analog cameras to a Bosh DVR. Propose to use Axis encoders to connect existing cameras to BoNet switch. CAT6 cabling and PoE extenders are needed.

- ███████████████████████████ – **No new update - John Gillis to do cabling. Steve to purchase 12 port , managed POE, sgl pwr supply switch.** Plan to route DVR, which is currently on our admin network, to the City Hall camera core system. Camera views needed by BPD. (P2 Synesis project ~ 18 mos. out)

- ████████ **Camera – No new update** – John Gillis to do cabling from 2nd floor to basement/BoNet node 300mg link connection. ███████████ owns cameras and Avigilon DVR currently there. Cameras to be integrated to City Hall system for BPD viewing. Steve managing.

- ███ – **Update** – **Connectivity to BoNet network established. Cameras, cabling and licensing installed and completed. Waiting on camera cables to be plugged in to switch ports.** (IPs provided = .67 to .125)

- ████████████████ – BPD handling camera installation and support. Wifi currently not in plans.

- ████████████████ – **Same Update** - Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Citywide Camera project hosted by OEM/Rene –** Met with Rene last week. Linda providing standard minimum camera specs for City agencies and Shawn providing specs for BPD. (Note: Genetec supports integration with ~ 260 camera make/models and COMS/FLIR supports integration with DVTel cameras.)

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras.

- **Private Company Camera Share** – **New Update** - Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. BTD with DoIT are leading this effort and working with the Seaport Leadership Group. Group meeting scheduled for 6/7. (May consider 3rd party hosting options.)

    × **On Hold -** ████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

    × **On Hold - Water & Sewer – HQ-**███████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget.**

    × **BCYF –** ████████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Looking to check with BPD/OEM for funding of outdoor cameras due to gang issues.**

Roadblocks / Critical issues:

- None

II. On SUMMER schedule.

Security Camera Strategy
Status Meeting – 8/1/18

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchreist	Siemens	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

Security Camera Strategy
Status Meeting – 8/22/18

Time: Wednesday, 8/22/2018, 9:00AM – 10:00AM (**Next meeting - 3 weeks out = 9/12/2018**)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **City Hall Core System Upgrades: Ongoing**
  - o **City Hall camera maintenance** – Ongoing. Muni-Sec and Linda managing.

- **BCYF - ▮▮▮▮▮▮▮ – Update – Opening Sept 1st – 16 new cameras being installed; RAP, & Comcast cable modem service being installed today, 8/20; network connectivity will be established this week.** Cameras will be integrated to BCYF camera system once network connectivity established. Cameras to use DHCP for IP addressing. Linda working with James Sessum and Rob Flaherty.

- **BCYF ▮▮▮▮▮▮ – Update – Under construction – Strike over - waiting on roof completion; wireless installation and NW connectivity on hold until roof is complete.** 14 new cameras (3 exterior and 11 interior) have been installed. Linda, Rob and Roberson managing project together.

- **BPD Camera projects – downtown crossing – Phase 2 completing this month.** Phase 3 has started and installs to begin later this month. Backhaul to ▮▮▮▮▮▮ = critical. Shawn/Matt/Louie managing.

- **BPD HQ – Update** – Funding allocated by OEM. Shawn/Louie managing.

- **BPHC - ▮▮▮▮▮▮ ▮▮▮▮▮▮▮▮▮▮▮ – 90% complete-cameras being integrated in to Genetec this week** – replacing 7 analog cameras and adding ~11 IP cameras = 18 cameras total. Replacing PA & card reader systems also.

- **BPHC – Other Camera Projects –** a.) **Completed =** ▮▮▮▮▮ **fiber run to** ▮▮▮▮▮▮ – 12 count fiber run completed and IPs for cameras issued. b.) **Need update:** ▮▮▮▮▮▮ camera adds; integration to City Hall Core system is TBD. C.) **Need update**: J. Cushing using 2 encoders at ▮▮▮▮▮▮▮▮ for analog camera connectivity. 2 IPs provided for set up.

- ▮▮▮▮▮▮▮▮▮▮ – **Update – Project 70% complete - Update** – Conduit, fiber and network completed and tested. (Fiber connectivity to be improved by BTD.) DoIT to provide 2 switches – 1 for server room (installed) and 1 for 6th floor. Lan-Tel in process of installing the wireless unit on roof and the cabinet in the closet for both switches (BoNet & DVTel). DoIT supporting BPD connectivity to BoNet via pt-to-pt wireless connection (critical path for BPD DTX cameras).

- ▮▮▮▮▮▮▮▮▮▮ – **Same update** – Switch upgrade complete. Next steps: 1.) cabling to be run by John Gillis; 2.) cameras to be installation and added to Municipal Security Genetec camera infrastructure – IPs requested. Current set up = 8 analog cameras to a Bosh DVR. Propose to use Axis encoders to connect existing cameras to BoNet switch. CAT6 cabling and PoE extenders are needed.

Security Camera Strategy
Status Meeting – 8/22/18

- ████████████████████████ – **No new update - John Gillis to do cabling. Steve to purchase 12 port , managed POE, sgl pwr supply switch.** Plan to route DVR, which is currently on our admin network, to the City Hall camera core system. Camera views needed by BPD. (P2 Synesis project ~ 18 mos. out)

- ████████ **Camera – No new update** – John Gillis to do cabling from 2nd floor to basement/BoNet node 300mg link connection. ████████████ owns cameras and Avigilon DVR currently there. Cameras to be integrated to City Hall system for BPD viewing. Steve managing.

- ██ – **Update** – **6 camera views integrated and 3 workstations set up with Genetec access. Adding ~3 more users. Phase 2 = 40+ cameras to be ordered, installed and integrated.**

- ████████████████ – BPD handling camera installation and support. Wifi currently not in plans.

- ████████████ – **Same Update** - Met with Mike Donohue – Linda to provide him with camera and wifi minimum specs for compliance. Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Citywide Camera project hosted by OEM/Rene –** Met with Rene last week. Linda providing standard minimum camera specs for City agencies and Shawn providing specs for BPD. (Note: Genetec supports integration with ~ 260 camera make/models and COMS/FLIR supports integration with DVTel cameras.)

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras.

- **Private Company Camera Share** – **New Update** - Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. BTD with DoIT are leading this effort and working with the Seaport Leadership Group. Group meeting scheduled for 6/7. (May consider 3rd party hosting options.)

  - ✕ **On Hold -** ████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

  - ✕ **On Hold - Water & Sewer – HQ-**████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget.**

  - ✕ **BCYF –** ████████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Looking to check with BPD/OEM for funding of outdoor cameras due to gang issues.**

Roadblocks / Critical issues:
- None

II. On SUMMER schedule.

Security Camera Strategy
Status Meeting – 8/22/18

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchreist	Siemens	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

<h1 style="text-align:center">Security Camera Strategy
Status Meeting – 9/12/18</h1>

Time:	**Wednesday, 9/12/2018, 9:00AM – 10:00AM (Next meeting - 2 weeks out = 9/26/2018)**
Location:	Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)
Called by:	Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **City Hall Core System Upgrades: Ongoing**
  - o **City Hall camera maintenance** – Beginning project to upgrade Sentry cameras at B&D's. Tim managing.

- **BCYF -** ▮▮▮▮▮▮▮ **– Update – Center is Open – Network connectivity complete. Cam licenses being purchased by BCYF. Cams to be integrated by Siemens.** Linda working with Rob Flaherty.

- **BCYF** ▮▮▮▮▮▮ **– Update – Under construction – waiting on roof completion; wireless installation and NW connectivity on hold until roof is complete. Waiting on Cisco switches to be shipped. Meraki units configured and installed.** 14 cameras (3 exterior and 11 interior) have been installed. Cam licenses issued. Cams to be integrated by Siemens. Linda, Rob and Roberson managing project together.

- **BPD Camera projects – downtown crossing – Phase 2 completing this month.** Phase 3 has started and installs to begin later this month. Backhaul to ▮▮▮▮▮▮ = critical. Shawn/Matt/Louie managing.

- **BPD HQ – Update** – Funding allocated by OEM. Shawn/Louie managing.

- **BPHC -** ▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮ **– Project completed**.

- **BPHC – Other Camera Projects – Need update:** J. Cushing requested 2 encoders be installed at ▮▮▮▮▮ ▮▮▮▮▮ for analog camera connectivity.

- ▮▮▮▮▮▮▮▮▮ **– Update – Project 80% complete - Update –** DoIT to provide 2 switches – 1 for server room (installed) and 1 for 6th floor. Lan-Tel in process of installing the wireless unit on roof and the cabinet in the closet for our switch.

- ▮▮▮▮▮▮▮▮ **– Update** – Switch upgrade complete. Next steps: 1.) cabling, camera installation and integration to Genetec. Current set up = 8 analog cameras to a Bosh DVR. Propose to use Axis encoders to connect existing cameras to BoNet switch. PoE extenders needed.

- ▮▮▮▮▮▮▮▮▮ **– U**pdate **-** Will install an encoder to convert 4 analog cameras to IP cameras. Plan to route DVR, which is currently on our admin network, to the City Hall camera core system. Camera views needed by BPD. (P2 Synesis project ~ 18 mos. out).

- ▮▮▮▮▮ **Camera – Update** – Currently there is a BoNet 300mg link connection. Considerations are to either re-wire existing cameras to BoNet node or BPD to consider purchasing a few external cameras. Cameras are privately owned ▮▮▮▮▮▮▮▮▮▮▮▮▮▮ and Steve has obtained permission to integrate them. Camera views needed by BPD and BSC. Steve managing.

- ███████████████████████████████████████ **– Update** – Camera installations ongoing. **BFD has been advised to obtain a support contract with Siemens as other agencies have done.**

- ██████████████ – BPD handling camera installation and support. Wifi currently not in plans.

- ████████████ – **Same Update** - Met with Mike Donohue – Linda to provide him with camera and wifi minimum specs for compliance. Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Citywide Camera project hosted by OEM –** Linda provided standard minimum camera specs for City agencies.

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras.

- **Private Company Camera Share** – **New Update** - Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. BTD with DoIT are leading this effort and working with the Seaport Leadership Group. Group meeting scheduled for 6/7. (May consider 3rd party hosting options.)

  × **On Hold -** ██████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

  × **On Hold - Water & Sewer – HQ-**████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget.**

  × **BCYF –** ██████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Looking to check with BPD/OEM for funding of outdoor cameras due to gang issues.**

Roadblocks / Critical issues:

- None

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 9/12/18

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchreist	Siemens	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	

Time: Wednesday, 9/26/2018, 9:00AM – 10:00AM (**Next meeting - 2 weeks out = 10/10/2018**)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>**Updates in bold**</u>)

- **City Hall Core System Upgrades: Ongoing**
   - o **City Hall camera maintenance** – Beginning project to upgrade Sentry cameras at B&D's. Tim managing.

- **BCYF - ▮▮▮▮▮▮▮ – Update – Center is Open – Cameras to be integrated by Siemens this week.** Linda working with Rob Flaherty.

- **BCYF ▮▮▮▮▮▮ – Update – Roof construction completed. Wireless installation and NW connectivity on 6th floor to be completed by next week. PDUs needed due to limited power in server room.** Meraki units configured and installed. 14 cameras (3 exterior and 11 interior) have been installed. Cam licenses issued. Cams to be integrated by Siemens **within 2 weeks**. Linda, Rob and Roberson managing project together.

- **BPD Camera projects – downtown crossing – Phase 2 completing this month.** Phase 3 has started and installs to begin later this month. Backhaul to ▮▮▮▮▮▮ = critical. Shawn/Matt/Louie managing.

- **BPD HQ – Update** – Funding allocated by OEM. Shawn/Louie managing.

- **BPHC – Other Camera Projects – Pending:** J. Cushing requested for 2 encoders to be installed at ▮▮▮▮▮▮ ▮▮▮▮▮▮ for analog camera connectivity. Bob Gilchreist/Jeff Beers to connect and provide update.

- **▮▮▮▮▮▮▮▮▮ – Update – Cabinet on 6th floor installed. Wireless unit on roof to be installed on 9/27. BoNet to be extended to 6th floor with addt'l switch by next week.**

- **▮▮▮▮▮▮▮▮ – Update** – Switch upgrade complete. Next steps: 1.) cabling, camera installation and integration to Genetec. Current set up = 8 analog cameras to a Bosh DVR. Propose to use Axis encoders to connect existing cameras to BoNet switch. PoE extenders needed.

- **▮▮▮▮▮▮▮▮▮ – Update -** Will install an encoder to convert 4 analog cameras to IP cameras. Plan to route DVR, which is currently on our admin network, to the City Hall camera core system. Camera views needed by BPD. (P2 Synesis project ~ 18 mos. out).

- **▮▮▮▮ Camera – Update** – Currently there is a BoNet 300mg link connection. Considerations are to either re-wire existing cameras to BoNet node or BPD to consider purchasing a few external cameras. Cameras are privately owned ▮▮▮▮▮▮▮▮▮▮▮▮▮▮ and Steve has obtained permission to integrate them. Camera views needed by BPD and BSC. Steve managing.

- ███ – **Update** – **Camera purchase with 2 switch went out for bid and was awarded last week. BFD has been advised to obtain a support contract with Siemens as other agencies have done.** Joe Mayo managing**.**

  Side Projects:

- ████████████ – **Same Update** - Met with Mike Donohue – Linda to provide him with camera and wifi minimum specs for compliance. Camera installation (~9 cameras) after renovations complete. Mini-Sec is primary with BPD access allowed. Currently no fiber, network connectivity. Need to conduct site-walk-thru for pt-to-pt microwave and switching/cabling needs. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras.

- **Private Company Camera Share** – **New Update** - Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. BTD with DoIT are leading this effort and working with the Seaport Leadership Group. Group meeting scheduled for 6/7. (May consider 3rd party hosting options.)

  - ✕ **On Hold -** ████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

  - ✕ **On Hold - Water & Sewer – HQ-**████████ **(78 cameras) &** ██████ **(37 cameras) – On hold due to budget.**

  - ✕ **BCYF –** ████████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Looking to check with BPD/OEM for funding of outdoor cameras due to gang issues.**

Roadblocks / Critical issues:

- None

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 9/26/18

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchreist	Siemens	X	
Jarrod Fullerton	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Mike Flaherty	MPS	X	
Mike Kane	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Gary Cupido	VidSys	X	
Matt Spillane	BPD	X	
Mauori Stavenson	BHA	X	

Security Camera Strategy
Status Meeting – 1/16/19

I. Agenda-Locations / Status Updates / Action Items

Locations: (Updates in bold)

- **Property Management Camera Projects** –
  - **City Hall** – Two cameras need replacement.
  - ███████████ – cameras need replacement

- **BCYF** - ██████████ – **Update** – Siemens to be on-site on 1/16 to set views and program cameras. Cameras will be integrated by Siemens next week.

- **BCYF** ███████ – **Update** – Siemens to be on-site on 1/16 to set views and program cameras. Cameras will be integrated by Siemens next week.

- **BPHC Camera Projects** –
  - ██████████ – **COMPLETED** - **2 encoders** may be installed at 3rd floor/EMS HQ for analog camera connectivity. IPs provided. Bob Gilchrist/Jeff Beers managing.
  - ██████████ – ongoing project to add & replace cameras.
  - ██████████ – New project –Install 2 analog digital converter for 7-8 cameras in gym.
  - ██████████ – 30+ camera adds. Siemens and BPHC managing.

- ██████████ – **Update** – **Camera project complete**. Sully Mac to run cabling to Meraki site for wicked-free wifi.

- **BPD Camera projects** –
  - **Downtown crossing** – Phase 3 has started. Need update.
  - **HQ** – Bid to be released. Need update.

- **PWD Camera Projects** – Need update - plan to install 1-2 cameras to view fueling sites. Will integrate in to Muni-Sec system under new PWD partition. All sites have network connectivity. Walk-thrus and box sale quotes completed. Cameras should be set to DHCP to reserve IP. DoIT will need camera MAC address also.
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- ████████████████████ – **Same Update** – DoIT working with Archives team to run cabling.

- ████████████████████████ – **Same Update -** DoIT to provide Siemens with update for box quote for 4 IP cameras to replace the 4 analog cameras. Plan to route DVR, which is currently on our admin network, to the City Hall camera core system, if DVR can support IP cameras. Camera views needed by BPD. (P4 Verizon project ~18 -24 months out.) Steve and Linda managing.

- ██████ **Camera – Same Update** – Currently there is a BoNet 300mg link connection. IPs provided to connect NVR to video VPN. Considerations are to either re-wire existing cameras to BoNet node or BPD to consider purchasing a few external cameras. Cameras are privately owned ████████████████████████ ████ and Steve has obtained permission to integrate them. Camera views needed by BPD and BSC. Steve managing.

- **BHA – Adding new cameras currently. Project to upgrade to SC5.6 (spring 2019) –** Mauori managing.

- ██ – **Update** – Cameras, licenses, cabinet and 2nd switch being purchased by BFD. Camera integration to be covered by DoIT/Siemens. DoIT network engineering tested and confirmed multi-mode fiber end-to-end. Joe Mayo managing.

- **BFD** ████████ **Camera Project – New project** – BFD to install 3 new cameras and one 24-port switch. Contractor to purchase and install cameras. J.Gillis to set camera views and passwords; cabling to be done by BFD.

    Side Projects:

- ████████████████ – **Same Update** - Met with Mike Donohue – Linda to provide him with camera and wifi minimum specs for compliance. Camera installation (~9 cameras) after renovations complete. Currently no fiber, network connectivity. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras.

- **Video Policy –** Linda working with camera team members on an agreed-upon video policy for the City. Currently open to folks who would like to give input.

- **Private Company Camera Share** – **Update** - Met with Vertex on 6/7. Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. Vertex interested in using and paying for Cloud services for sharing their video. BTD with DoIT are leading this effort and working with the Seaport Leadership Group. Next meeting ~TBD.

    × **On Hold -** ████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

    × **On Hold - Water & Sewer – HQ-** ████████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget.**

    × **BCYF –** ████████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Looking to check with BPD/OEM for funding of outdoor cameras due to gang issues.**

Security Camera Strategy
Status Meeting – 1/16/19

II. On regular bi-weekly schedule.

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchrist	Siemens	X	
Jason Friedberg	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Matt Spillane	BPD	X	
Mauori Stavenson	BHA	X	

Security Camera Strategy
Status Meeting – 1/30/19

Time: Wednesday, 1/30/2019, 9:00AM – 10:00AM **(Next meeting = 2/13/2019)**

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items
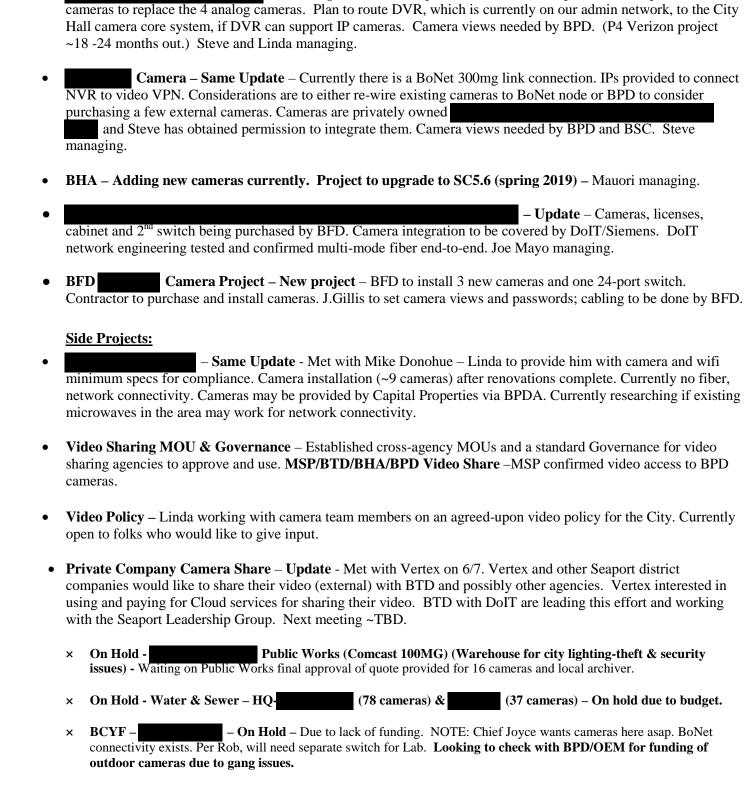
Locations: (Updates in bold)

- **Property Management Camera Projects** –
  - **City Hall** – first floor corridor camera needs troubleshooting.
  - ▮▮▮▮▮ – ~4 cameras need replacement.

- **BCYF** - ▮▮▮▮ – **Update** – Cameras will be integrated by Siemens.

- **BCYF** ▮▮▮ – **Update** – Cameras will be integrated by Siemens.

- **BPHC Camera Projects** –
  - ▮▮▮▮▮▮ – ongoing project to add & replace cameras.
  - ▮▮▮▮▮▮ – New project –Install 2 analog digital converter for 7-8 cameras in gym.
  - ▮▮▮▮▮▮ – 30+ camera adds. Siemens and BPHC managing.

- ▮▮▮▮▮▮▮▮ – **Update** – **Camera project complete**. Sully Mac to run cabling to Meraki site for wicked-free wifi.

- **BPD Camera projects** –
  - **Downtown crossing** – Phase 3 has started. Need update.
  - **HQ** – Bid to be released. Need update.

- **PWD Camera Projects** – Need update - plan to install 1-2 cameras to view fueling sites. Will integrate in to Muni-Sec system under new PWD partition. All sites have network connectivity. Walk-thrus and box sale quotes completed. Cameras should be set to DHCP to reserve IP. DoIT will need camera MAC address also.
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- ▮▮▮▮▮▮▮▮▮▮ – **Same Update** Switch upgrade complete. Next steps: 1.) cabling (90% complete), 2.) new camera installations, and 3.) integration to Genetec. Current set up = 8 analog cameras to a Bosh DVR. Plan to use DHCP to set the IP addresses.

- ████████████████████████ – **Update** – Steve Healy working to obtain funding for camera and switch quotes provided. Plan is to replace the 4 analog cameras and connect them directly to a new network switch to integrate in to Genetec. Camera views needed by BPD. (P4 Verizon project ~18 -24 months out.)

- ████████ **Camera – Update** – Currently there is a BoNet 300mg link connection. IPs provided to connect NVR to video VPN. Cabling from basement to 3rd floor required to connect the NVR. Considerations are to either re-wire existing cameras to BoNet node or BPD to consider purchasing a few external cameras. Cameras are privately owned ████████████████████████████████ and Steve has obtained permission to integrate them. Avigilon NVR currently running Avigilon Control Center 5; Genetec to confirm if compatible. Camera views needed by BPD and BSC. Steve Healy managing.

- **BHA – Adding new cameras currently. Project to upgrade to SC5.6 (spring 2019) –** Mauori managing.

- ██ **– Update –** Cameras, licenses, cabinet and 2nd switch being purchased by BFD. Camera integration to be covered by DoIT/Siemens. DoIT network engineering tested and confirmed multi-mode fiber end-to-end. Joe Mayo managing.

- **BFD** ████████ **Camera Project – New project** – BFD to install 3 new cameras and one 24-port switch. Contractor to purchase and install cameras. J.Gillis to set camera views and passwords; cabling to be done by BFD.

    Side Projects:

- ████████████████ **– Same Update** - Met with Mike Donohue – Linda to provide him with camera and wifi minimum specs for compliance. Camera installation (~9 cameras) after renovations complete. Currently no fiber, network connectivity. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD Video Share** –MSP confirmed video access to BPD cameras.

- **Video Policy –** Linda working with camera team members on an agreed-upon standard policy and code of conduct for the City. Currently open to folks who would like to give input.

- **Private Company Camera Share** – **Update** - Met with Vertex on 6/7. Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. Vertex interested in using and paying for Cloud services for sharing their video. BTD with DoIT are leading this effort and working with the Seaport Leadership Group. Next meeting ~TBD.

    × **On Hold -** ████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

    × **On Hold - Water & Sewer – HQ-**████████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget.**

    × **BCYF –** ████████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Looking to check with BPD/OEM for funding of outdoor cameras due to gang issues.**

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 1/30/19

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchrist	Siemens	X	
Jason Friedberg	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Matt Spillane	BPD	X	
Mauori Stavenson	BHA	X	

Security Camera Strategy
Status Meeting – 2/13/19

I. Agenda-Locations / Status Updates / Action Items

Locations: (Updates in bold)

- **Property Management Camera Projects** –
  - **City Hall** – Ongoing maintenance.

- **BCYF** - ███████ – **Update** – Cameras will be integrated by Siemens.

- **BCYF** ██████ – **Update** – Cameras will be integrated by Siemens.

- **BPHC Camera Projects** –
  - ████████ – completed.
  - ████████ – New project –Install 2 analog digital converter for 7-8 cameras in gym.
  - ████████ – 30+ camera adds. Siemens and BPHC managing.

- **BPD Camera projects** –
  - **Downtown crossing** – Phase 3 has started. Need update.
  - **HQ** – Bid to be released. Need update.

- **PWD Camera Projects** – Need update - plan to install 1-2 cameras to view fueling sites. Will integrate in to Muni-Sec system under new PWD partition. All sites have network connectivity. Walk-thrus and box sale quotes completed. Cameras should be set to DHCP to reserve IP. DoIT will need camera MAC address also.
  - ████████████████ – 1 camera purchased, Muni-sec to install and integrate.
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- ████████████████ – **Same Update** Switch upgrade complete. Camera cabling completed. 12 cameras to be integrated to Genetec – Muni-sec system. Plan to use DHCP to set the IP addresses.

- **BHA – Adding new cameras currently. Project to upgrade to SC5.6 (spring 2019)** – Mauori managing.

- ████████████████████████ – **Update** – Cameras, licenses, cabinet and 2nd switch being purchased by BFD. Camera integration to be covered by DoIT/Siemens. DoIT network engineering tested and confirmed multi-mode fiber end-to-end. Joe Mayo managing.

- **BFD ▇▇▇▇▇ Camera Project – New project** – BFD to install 3 new cameras and one 24-port switch. Contractor to purchase and install cameras. J.Gillis to set camera views and passwords; cabling to be done by BFD.

<u>**Side Projects:**</u>

- ▇▇▇▇▇▇▇▇▇ – **Same Update** - Met with Mike Donohue – Linda to provide him with camera and wifi minimum specs for compliance. Camera installation (~9 cameras) after renovations complete. Currently no fiber, network connectivity. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

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- **Video Policy –** Linda working with camera team members on an agreed-upon standard policy and code of conduct for the City. Currently open to folks who would like to give input.

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  - × **On Hold -** ▇▇▇▇▇▇▇ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

  - × **On Hold - Water & Sewer – HQ-**▇▇▇▇▇▇ **(78 cameras) &** ▇▇▇▇▇ **(37 cameras) – On hold due to budget.**

  - × **BCYF –** ▇▇▇▇▇▇▇ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Looking to check with BPD/OEM for funding of outdoor cameras due to gang issues.**

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 2/13/19

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchrist	Siemens	X	
Jason Friedberg	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jerry Turner	COB Network	X	
Jim Fitzpatrick	BPD, Network	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Matt Spillane	BPD	X	
Mauori Stavenson	BHA	X	

Security Camera Strategy
Status Meeting – 2/27/19

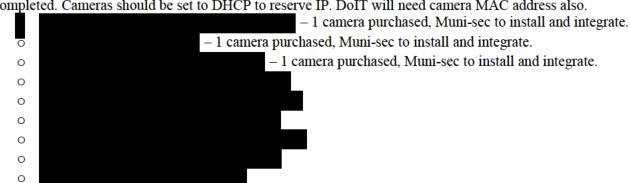Time: Wednesday, 2/27/2019, 9:00AM – 10:00AM **(Next meeting = 3/13/2019)**

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

Locations: (**Updates in bold**)

- **Property Management Camera Projects** –
  - **City Hall** – Ongoing maintenance.

- **BCYF -** ▉▉▉▉▉ – **Update** – Cameras will be integrated by Siemens in 2 weeks.

- **BCYF** ▉▉▉▉▉ – **Update** – Cameras will be integrated by Siemens in 2 weeks.

- **BCYF** ▉▉▉▉▉ – **Update** – Camera replacement – in progress.

- **BPHC Camera Projects** –
  - ▉▉▉▉▉ – New project –Install 2 analog digital converter for 7-8 cameras in gym.
  - ▉▉▉▉▉ – 50+ camera adds, 100+ views. Siemens and BPHC managing.
  - **VMS Server Migration** – proposing to move BPHC cameras on to its own servers to better support the growth.

- **BPD Camera projects** –
  - **Downtown crossing** – Phase 3 70% complete.
  - **HQ** – Camera installations 80% complete.

- **PWD Camera Projects** – Need update - plan to install 1-2 cameras to view fueling sites. Will integrate in to Muni-Sec system under new PWD partition. All sites have network connectivity. Walk-thrus and box sale quotes completed. Cameras should be set to DHCP to reserve IP. DoIT will need camera MAC address also.
  - ▉▉▉▉▉ – 1 camera purchased, cabling started, Muni-Sec to install and integrate.
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- ▉▉▉▉▉ – **Same Update** Switch upgrade complete. Camera cabling completed. 12 cameras to be integrated to Genetec – Muni-sec system. Plan to use DHCP to set the IP addresses. Muni-Sec managing.

Security Camera Strategy
Status Meeting – 2/27/19

- **BHA – Adding 550 new cameras and 2000 addt'l views. Project to upgrade to SC5.6 (spring 2019) –** Mauori managing.

- ██ **– Update** – Cameras, licenses, cabinet and 2nd switch being purchased by BFD. Camera integration to be covered by DoIT/Siemens. DoIT network engineering tested and confirmed multi-mode fiber end-to-end. Joe Mayo managing.

- **BFD** ██████ **Camera Project – New project** – BFD to install 3 new cameras and one 24-port switch. Contractor to purchase and install cameras. J.Gillis to set camera views and passwords; cabling to be done by BFD. Waiting on PO to complete network setup.

Side Projects:

- ████████████████ **– Same Update** - Met with Mike Donohue – Linda to provide him with camera and wifi minimum specs for compliance. Camera installation (~9 cameras) after renovations complete. Currently no fiber, network connectivity. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

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- **Video Policy –** Linda working with camera team members on an agreed-upon standard policy and code of conduct for the City. Currently open to folks who would like to give input.

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  - ✕ **On Hold -** ██████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

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II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 2/27/19

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchrist	Siemens	X	
Jason Friedberg	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jim Fitzpatrick	BPD, Network	X	
Lauren Firnstein	EDIC	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Matt Spillane	BPD	X	
Mauori Stavenson	BHA	X	

Security Camera Strategy
Status Meeting – 3/13/19

I. Agenda-Locations / Status Updates / Action Items

Locations: (<u>Updates in bold</u>)

- **Property Management Camera Projects** –
    - **City Hall** – Ongoing maintenance.

- **BCYF** - ███████ – **Update** – Cameras will be integrated by Siemens in 2 weeks.

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    - ████████ – 50+ camera adds, 100+ views. Siemens and BPHC managing.
    - **VMS Server Migration** – proposing to move BPHC cameras on to its own servers to better support the growth.
    - ██████ – camera installs to start up soon.

- **BPD Camera projects** –
    - **Downtown crossing** – Phase 3 70% complete.
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- **PWD Camera Projects** – Need update - plan to install 1-2 cameras to view fueling sites. Will integrate in to Muni-Sec system under new PWD partition. All sites have network connectivity. Walk-thrus and box sale quotes completed. Cameras should be set to DHCP to reserve IP. DoIT will need camera MAC address also.
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- ██████████████ – **Same Update** Switch upgrade complete. Camera cabling completed. 12 cameras to be integrated to Genetec – Muni-sec system. Plan to use DHCP to set the IP addresses. Muni-Sec managing.

Security Camera Strategy
Status Meeting – 3/13/19

- **BHA – Adding 550 new cameras and 2000 addt'l views. Project to upgrade to SC5.6 (spring 2019) –** Mauori managing.

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  Side Projects:
- ████████████████ – **Same Update** - Met with Mike Donohue – Linda to provide him with camera and wifi minimum specs for compliance. Camera installation (~9 cameras) after renovations complete. Currently no fiber, network connectivity. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

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- **Private Company Camera Share** – **Update** - Met with Vertex on 6/7. Vertex and other Seaport district companies would like to share their video (external) with BTD and possibly other agencies. Vertex interested in using and paying for Cloud services for sharing their video. BTD with DoIT are leading this effort and working with the Seaport Leadership Group. Next meeting ~TBD.

  - ✕ **On Hold -** ████████████████ **Public Works (Comcast 100MG) (Warehouse for city lighting-theft & security issues) -** Waiting on Public Works final approval of quote provided for 16 cameras and local archiver.

  - ✕ **On Hold - Water & Sewer – HQ-**████████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget.**

  - ✕ **BCYF –** ████████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Looking to check with BPD/OEM/BCYF for funding of outdoor cameras due to gang issues.**

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 3/13/19

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchrist	Siemens	X	
Jason Friedberg	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jim Fitzpatrick	BPD, Network	X	
Lauren Firnstein	EDIC	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Matt Spillane	BPD	X	
Mauori Stavenson	BHA	X	

Security Camera Strategy
Status Meeting – 3/27/19

I. Agenda-Locations / Status Updates / Action Items

NEWS: 9:30am-10:00am – Camera Demos by Axis (other demos being scheduled)

- **Property Management Camera Projects** –
    - **City Hall** – Ongoing maintenance and replacement of end of life cameras.

- **BCYF -** ███████ **– Update** – Camera re-installations completed last week. Integration in to Genetec will be completed this week.

- **BCYF** ██████ **– Update** – Camera installation and integration complete.

- **BCYF** ██████ **– Update** – Camera replacement – Completed.

- **BPHC Camera Projects** –
    - ████████ – New project –Install 2 analog digital converter for 7-8 cameras in gym.
    - ████████ – 50+ camera adds, 100+ views. Siemens and BPHC managing.
    - **Video Server Move to BPHC System (off Federation System)** – plan to move BPHC video infrastructure and cameras on to its own servers to better support the growth. BPHC to provide PO for Siemens to conduct work.
    - ████████ – camera installs to start up after BPHC move to own system.

- **BPD Camera projects** –
    - **Downtown crossing** – Phase 3 70% complete.
    - **HQ** – Camera installations - Completed.

- **PWD Camera Projects** – Plan to install 1-2 cameras at fueling sites. Will integrate in to Genetec under new PWD partition. All sites have network connectivity. Walk-thrus and box sale quotes completed. Cameras should be set to DHCP to reserve IPs. DoIT will need camera MAC address also.
    - ████████████████ – 1 camera purchased, cabling started, Muni-Sec to install and integrate.
    - ████████████ – 1 camera purchased, cabling started, Muni-Sec to install and integrate.
    - ████████████ – 1 camera purchased, cabling started, Muni-Sec to install and integrate.
    - ████████████
    - ████████████
    - ████████████
    - ████████████
    - ████████████
    - ████████████

- ███████████████████ – **Same Update** 12 cameras to be installed. Switch upgrade complete. Muni-Sec to provide camera cabling, installation and integration. Plan to use DHCP to set the IP addresses.

- **BHA – Adding 550 new cameras and 2000 addt'l views. Project to upgrade to SC5.6 (spring 2019) –** Mauori managing.

- ██ – **Update** – Equipment received. DoIT network engineering tested and confirmed multi-mode fiber end-to-end. Camera installations and integrations to be done by Muni-Sec. Joe Mayo managing.

- **BFD** ████████ **Camera Project – New project** – BFD to install 3 new cameras and one 24-port switch. Contractor to purchase and install cameras. Waiting on PO to complete network setup.

   Side Projects:

- ████████████████ – **Same Update** - Met with Mike Donohue. Currently no fiber, network connectivity. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD/COB Video Share**

- **Video Policy –** Linda working with camera team members on an agreed-upon standard policy and code of conduct for the City. Currently open to folks who would like to give input.

- **Private Company Camera Share** – **Update** - Met with Vertex and other Seaport district companies who are considering sharing their video (external views only) with BTD and possibly other agencies. Vertex interested in using and paying for Cloud services for sharing their video. BTD with DoIT are leading this effort and working with the Seaport Leadership Group.

   ✕ **On Hold - Water & Sewer – HQ-**████████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget.**

   ✕ **BCYF –** ████████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Abstract to OEM/DHS submitted for funding**.

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 3/27/19

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchrist	Siemens	X	
Rick London	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jim Fitzpatrick	BPD, Network	X	
Lauren Firnstein	EDIC	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Steve Whitman	BPD	X	
Mauori Stavenson	BHA	X	

Security Camera Strategy
Status Meeting – 4/10/19

I. Agenda-Locations / Status Updates / Action Items

- **Property Management Camera Projects –**
    - **City Hall** – Ongoing maintenance and replacement of end of life cameras.

- **BCYF -** ▇▇▇▇▇▇▇ – **Update** – Camera re-installations completed. Integration in to Genetec by Siemens in progress.

- **BCYF** ▇▇▇▇▇▇▇ – **Update** – Camera replacement – PO issued by BCYF.

- **BPHC Camera Projects –**
    - ▇▇▇▇▇▇▇ – Install 2 analog digital converter for 7-8 cameras in gym. Waiting for electrician to run cabling.
    - ▇▇▇▇▇▇▇ – remaining camera installs to begin after BPHC move to own system.
    - ▇▇▇▇▇▇▇ – new camera installs to begin after BPHC move to own system.
    - **Video Server Move to BPHC System (off Federation System)** – Plan to move BPHC video infrastructure and cameras on to its own video VMs to better support the growth. BPHC to provide PO for Siemens to conduct work.

- **BPD Camera projects –**
    - **Downtown crossing** – completed.
    - **HQ** – Camera installations complete.
    - ▇▇▇▇▇▇▇ – new camera installation project.

- **PWD Camera Projects** – Plan to install 1-2 cameras at fueling sites. Will integrate in to Genetec under new PWD partition. All sites have network connectivity. Cameras should be set to DHCP to reserve IPs. DoIT will need camera MAC address also.
    - ▇▇▇▇▇▇▇ – Completed.
    - ▇▇▇▇▇▇▇ – Completed.
    - ▇▇▇▇▇▇▇ – 1 camera purchased, cabling completed, installation and integration to be completed.
    - ▇▇▇▇▇▇▇ – MPS ordering equipment.
    - ▇▇▇▇▇▇▇ - MPS ordering equipment.
    - ▇▇▇▇▇▇▇ - MPS ordering equipment.
    - ▇▇▇▇▇▇▇
    - ▇▇▇▇▇▇▇
    - ▇▇▇▇▇▇▇

- ▇▇▇▇▇▇▇ – **Same Update** 12 cameras to be installed. Switch upgrade complete. Muni-Sec to provide camera cabling, installation and integration. Plan to use DHCP to set the IP addresses.

- **BHA** – **Adding 550 new cameras and 2000 addt'l views. Project to upgrade to SC5.6 (spring 2019)** – Mauori managing.

- ███ – **Update** – Equipment received. DoIT network engineering tested and confirmed multi-mode fiber end-to-end. Camera installations and integrations to be done by Muni-Sec. Joe Mayo managing.

- **BFD** ████████ **Camera Project – New project** – BFD to install 3 new cameras and one 24-port switch. Contractor to purchase and install cameras. Waiting on PO to complete network setup.

  Side Projects:
- ████████████ – **Same Update** - Met with Mike Donohue. Currently no fiber, network connectivity. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD/COB Video Share**

- **Video Policy –** Linda working with camera team members on an agreed-upon standard policy and code of conduct for the City. Currently open to folks who would like to give input.

- **Private Company Camera Share** – **Update** - Met with Vertex and other Seaport district companies who are considering sharing their video (external views only) with BTD and possibly other agencies. Vertex interested in using and paying for Cloud services for sharing their video. BTD with DoIT are leading this effort and working with the Seaport Leadership Group.

  - ☓ **On Hold - Water & Sewer – HQ-**████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget.**

  - ☓ **BCYF –** ████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Abstract to OEM/DHS submitted for funding**.

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 4/10/19

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchrist	Siemens	X	
Rick London	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jim Fitzpatrick	BPD, Network	X	
Lauren Firnstein	EDIC	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Steve Whitman	BPD	X	
Mauori Stavenson	BHA	X	

Security Camera Strategy
Status Meeting – 4/24/19

Time: Wednesday, 4/24/2019, 9:00AM – 10:00AM (**Next meeting = 5/8/2019**)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

- **Property Management Camera Projects** –
  - **City Hall** – Ongoing maintenance and replacement of end of life cameras.

- **BCYF -** ███████ **– Update** – Camera integration in to Genetec completed.

- **BCYF** ███████ **– Update** – Camera replacement – PO issued by BCYF.

- **BPHC Camera Projects** – **Waiting on contract completion.**
  - ██████████ – Install 2 analog digital converter for 7-8 cameras in gym.
  - ██████████ – remaining camera installs to begin after BPHC move to own system.
  - ██████████ – new camera installs to begin after BPHC move to own system.
  - **Video Server Move to BPHC System (off Federation System)** – Plan to move BPHC video infrastructure and cameras on to its own video VMs to better support the growth. BPHC to provide PO for Siemens to conduct work.

- **BPD Camera projects** –
  - ██████████████████ – new camera installation project.

- **PWD Camera Projects** – Plan to install 1-2 cameras at fueling sites. Will integrate in to Genetec under new PWD partition. All sites have network connectivity. Cameras should be set to DHCP to reserve IPs. DoIT will need camera MAC address also.
  - ████████████████████ –completed.
  - ████████████████████ – MPS ordering equipment.
  - ████████████████████ - MPS ordering equipment.
  - ███████████████████ - MPS ordering equipment.
  - ████████████████████
  - ████████████████████
  - ████████████████████

- ██████████████████ – **Same Update** 12 cameras to be installed. Switch upgrade complete. Muni-Sec to provide camera cabling, installation and integration. Plan to use DHCP to set the IP addresses.

- **BHA – Adding 550 new cameras and 2000 addt'l views. Project to upgrade to SC5.6 (Fall 2019)** – Waiting on approvals for MOA's. Mauori managing.

- ████████████████████████████████ – **Update** – Equipment received by BFD. DoIT network engineering tested and confirmed multi-mode fiber end-to-end. Camera installations and integrations to be done by Muni-Sec. Joe Mayo managing.

- **BFD** ████████ **Camera Project** – **New project** – BFD to install 3 new cameras and one 24-port switch. Contractor to purchase and install cameras. PO released last week. Network move ~1 month.

Side Projects:

- ███████████████ – **Same Update** - Met with Mike Donohue. Currently no fiber, network connectivity. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD/COB Video Share**

- **Video Policy –** Linda working with camera team members on an agreed-upon standard policy and code of conduct for the City. Currently open to folks who would like to give input.

- **Private Company Camera Share** – **Update** - Met with Vertex and other Seaport district companies who are considering sharing their video (external views only) with BTD and possibly other agencies. Vertex interested in using and paying for Cloud services for sharing their video. BTD with DoIT are leading this effort and working with the Seaport Leadership Group.

    - × **On Hold - Water & Sewer – HQ-**███████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget.**

    - × **BCYF –** ███████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Abstract to OEM/DHS submitted for funding**.

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 4/24/19

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchrist	Siemens	X	
Rick London	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jim Fitzpatrick	BPD, Network	X	
Lauren Firnstein	EDIC	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Steve Whitman	BPD	X	
Mauori Stavenson	BHA	X	

Security Camera Strategy
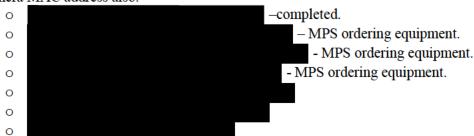## Status Meeting – 5/8/19

Time:　　　　Wednesday, 5/8/2019, 9:00AM – 10:00AM (**Next meeting = 5/22/2019**)

Location:　　Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by:　　Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

- **Property Management Camera Projects** –
  - **City Hall** – Ongoing maintenance and replacement of end of life cameras.

- **BCYF –** ▮▮▮▮▮▮ **– Update** – Camera replacement due to water damage. Rob working with electrician.

- **BCYF** ▮▮▮▮▮▮ **– Update** – Camera replacement.

- **BCYF Server Migration** – BCYF moving to dedicated infrastructure. Linda and Rob managing.

- **BPHC Camera Projects** – **Waiting on contract completion.**
  - ▮▮▮▮▮▮ – Install 2 analog digital converter for 7-8 cameras in gym.
  - ▮▮▮▮▮▮ – remaining camera installs to begin after BPHC move to own system.
  - ▮▮▮▮▮▮ – new camera installs to begin after BPHC move to own system.
  - **Video Server Move to BPHC System (off Federation System)** – Plan to move BPHC video infrastructure and cameras on to its own video VMs to better support the growth. BPHC to provide PO for Siemens to conduct work once contract is completed.

- **BPD Camera projects** –
  - ▮▮▮▮▮▮ – new camera installation project – waiting on release of funding.
  - ▮▮▮▮▮▮ – live date 6/1. BPD and EDIC managing.
  - ▮▮▮▮▮▮ – cameras and call boxes.
  - ▮▮▮▮▮▮ – working with MBTA on another connection.

- **PWD Camera Projects** – Plan to install 1-2 cameras at fueling sites. Will integrate in to Genetec under new PWD partition. All sites have network connectivity. Cameras should be set to DHCP to reserve IPs. DoIT will need camera MAC address also.
  - ▮▮▮▮▮▮ –completed.
  - ▮▮▮▮▮▮ – MPS ordering equipment.
  - ▮▮▮▮▮▮ - MPS ordering equipment.
  - ▮▮▮▮▮▮ - MPS ordering equipment.
  - ▮▮▮▮▮▮
  - ▮▮▮▮▮▮
  - ▮▮▮▮▮▮

- ▮▮▮▮▮▮ – **Same Update** 12 cameras to be installed. Switch upgrade complete. Muni-Sec to provide camera cabling, installation and integration. Plan to use DHCP to set the IP addresses.

- **BHA** – **Adding 550 new cameras and 2000 addt'l views. Project to upgrade to SC5.6 (Fall 2019)** – Waiting on approvals for MOA's. Mauori managing.

- ██ **– Update** – Equipment received by BFD. DoIT network engineering tested and confirmed multi-mode fiber end-to-end. Camera installations and integrations to be done by Muni-Sec. Joe Mayo managing.

- **BFD** ██████ **Camera Project – New project** – BFD to install 3 new cameras and one 24-port switch. Contractor to purchase and install cameras. PO released last week. Network move ~1 month.

  Side Projects:

- ████████████████ **– Same Update** - Met with Mike Donohue. Currently no fiber, network connectivity. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD/COB Video Share**

- **Video Policy –** Linda working with camera team members on an agreed-upon standard policy and code of conduct for the City. Currently open to folks who would like to give input.

- **Private Company Camera Share** – **Update** - Met with Vertex and other Seaport district companies who are considering sharing their video (external views only) with BTD and possibly other agencies. Vertex interested in using and paying for Cloud services for sharing their video. BTD with DoIT are leading this effort and working with the Seaport Leadership Group.

  ✕ **On Hold - Water & Sewer – HQ-**████████ **(78 cameras) &** ██████ **(37 cameras) – On hold due to budget.**

  ✕ **BCYF –** ████████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Abstract to OEM/DHS submitted for funding**.

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 5/8/19

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchrist	Siemens	X	
Rick London	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jim Fitzpatrick	BPD, Network	X	
Lauren Firnstein	EDIC	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Steve Whitman	BPD	X	
Mauori Stavenson	BHA	X	

Security Camera Strategy
Status Meeting – 5/22/19

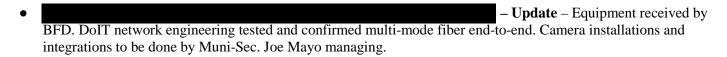Time: Wednesday, 5/8/2019, 9:00AM – 10:00AM (**Next meeting = 6/5/2019**)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

- **BCYF** – ██████ – Camera replacement due to water damage. Rob working with electrician.

- **BCYF** ████████ – Camera replacement and integration complete.

- **BCYF Roslindale – New Project** – quote provided for new cameras and integration. BCYF managing.

- **BCYF Server Migration** – BCYF moving to dedicated infrastructure. Linda and Rob managing.

- **BPHC Camera Projects – Waiting on contract completion.**
  - ████████ – Install 2 analog digital converter for 7-8 cameras in gym.
  - ████████ – remaining camera installs to begin after BPHC move to own system. PO approved.
  - ████████ – new camera installs to begin after BPHC move to own system. PO approved.
  - **Video Server Move to BPHC System (off Federation System)** – Plan to move BPHC video infrastructure and cameras on to its own video VMs to better support the growth. BPHC to provide PO for Siemens to conduct work once contract is completed. PO approved.

- **BPD Camera projects** –
  - ████████████████ – new camera installation project – waiting on release of funding.
  - ████████████ – live date 6/1. BPD and EDIC managing. Cabinet install = BPD. BoNet switch ready for deployment.
  - ████████████████ – cameras and call boxes.
  - ████████ – working with MBTA on another connection.

- **EDIC/PWD** – ████████ – **New Project** – Camera to be on BPD camera network. Wicked-free wifi to be provided by DoIT. Quotes for switch, cabinet and wifi units provided. EDIC to fund. Lauren managing.

- **Property Management Camera Projects** –
  - **City Hall** – Ongoing maintenance and replacement of end of life cameras.

- **PWD Camera Projects** – Plan to install 1-2 cameras at fueling sites. Will integrate in to Genetec under new PWD partition. All sites have network connectivity. Cameras should be set to DHCP to reserve IPs. DoIT will need camera MAC address also.
  - ████████████ –completed.
  - ████████████████ – Equipment received, Gillis to install.
  - ████████████████ - Equipment received, Gillis to install.
  - ████████████ - Equipment received, Gillis to install.
  - ████████████
  - ████████████
  - ████████████

Security Camera Strategy
Status Meeting – 5/22/19

- ██████████████████████ – **Same Update** 12 cameras to be installed – 3 require core drilling (PM work). Switch upgrade complete. Muni-Sec to provide camera cabling, installation and integration. Plan to use DHCP to set the IP addresses.

- ██ – **Update** – Equipment received by BFD. DoIT network engineering tested and confirmed multi-mode fiber end-to-end. Camera installations and integrations to be done by Muni-Sec. Joe Mayo managing.

- **BFD ████████ Camera Project – New project** – BFD to install 3 new cameras and one 24-port switch. Contractor to purchase and install cameras. PO released last week. Network move ~1 month.

- **BHA – Adding 550 new cameras and 2000 addt'l views. Project to upgrade to SC5.7 (Fall 2019) –** Waiting on approvals for MOA's. Mauori managing.

   Side Projects:

- ██████████████ – **Same Update** - Met with Mike Donohue. Currently no fiber, network connectivity. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD/COB Video Share**

- **Video Policy –** Linda working with camera team members on an agreed-upon standard policy and code of conduct for the City. Currently open to folks who would like to give input.

- **Private Company Camera Share** – **Update** - Met with Vertex and other Seaport district companies who are considering sharing their video (external views only) with BTD and possibly other agencies. Vertex interested in using and paying for Cloud services for sharing their video. BTD with DoIT are leading this effort and working with the Seaport Leadership Group.

  - ✕ **On Hold - Water & Sewer – HQ-**████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget.**

  - ✕ **BCYF –** ██████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Abstract to OEM/DHS submitted for funding**.

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 5/22/19

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchrist	Siemens	X	
Rick London	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jim Fitzpatrick	BPD, Network	X	
Lauren Firnstein	EDIC	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Steve Whitman	BPD	X	
Mauori Stavenson	BHA	X	

Security Camera Strategy
Status Meeting – 6/19/19

I. Agenda-Locations / Status Updates / Action Items

- **BCYF –** ██████████ – Camera replacement due to water damage. Rob working with electrician.

- **BCYF Roslindale – New Project** – quote provided for new cameras and integration. BCYF managing.

- **BCYF Server Migration** – BCYF moving to dedicated infrastructure. PO approved. Scheduling date with Siemens. Linda and Rob managing.

- **BPHC Camera Projects – Waiting on contract completion.**
  - ██████████ – Install 2 analog digital converters for 7-8 cameras in gym.
  - ██████████ – remaining camera installs to begin after BPHC move to own system. PO approved.
  - ██████████ – new camera installs to begin after BPHC move to own system. PO approved.
  - **Video Server Move to BPHC System (off Federation System)** – Plan to move BPHC video infrastructure and cameras on to its own video VMs to better support the growth. BPHC to provide PO for Siemens to conduct work once contract is completed. PO approved.
  - **Mattapan** – 8-10 new cameras to be installed and integrated.

- **BPD Camera projects –**
  - ██████████ – new camera installation project – waiting on release of funding.
  - ██████████ – live date 6/1. BPD and EDIC managing. Cabinet install = BPD. BoNet switch ready for deployment.
  - ██████████ – cameras and call boxes.
  - ██████████ – working with MBTA on another connection – completed 5/28.

- **EDIC/BPD –** ██████████ – **New Project** – Cameras to be on BPD camera network. Wicked-free wifi to be provided by DoIT. Bid event for switch, cabinet, wifi units and installation completed and awarded. In contract and PO process. Will schedule work once PO is dispatched. EDIC to fund. Lauren managing.

- **Property Management Camera Projects –**
  - **City Hall** – Ongoing maintenance and replacement of end of life cameras.

- **PWD Camera Projects** – Plan to install 1-2 cameras at fueling sites. Will integrate in to Genetec under new PWD partition. All sites have network connectivity. Cameras should be set to DHCP to reserve IPs. DoIT will need camera MAC address also.
  - ██████████ – Gillis installing camera.
  - ██████████ – Equipment received, Gillis to install.
  - ██████████ - Equipment received, Gillis to install.
  - ██████████ - Equipment received, Gillis to install.
  - ██████████
  - ██████████
  - ██████████

- ██████████████████████ – **Same Update** 12 cameras to be installed – 3 require core drilling (PM work). Switch upgrade complete. Muni-Sec to provide camera cabling, installation and integration. Plan to use DHCP to set the IP addresses.

- **PWD** ████████████ – 16 new cameras. MPS assisting with installations.

- ███ – **Update** – Camera installations completed and integrations to be done by Muni-Sec. Joe Mayo managing.

- **BFD** ████████ **Camera Project – New project** – BFD to install 3 new cameras and one 24-port switch. Dependent on network move which is schedule for ~July (waiting on work at BFD to complete).

- **BHA – Adding 550 new cameras and 2000 addt'l views. Project to upgrade to SC5.7 (Fall 2019) –** Waiting on approvals for MOA's. Mauori managing.

  Side Projects:

- ██████████████████ – **Same Update** - Met with Mike Donohue. Currently no fiber, network connectivity. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD/COB Video Share**

- **Video Policy –** Linda working with camera team members on an agreed-upon standard policy and code of conduct for the City. Currently open to folks who would like to give input.

- **Private Company Camera Share** – **Update** - Met with Vertex and other Seaport district companies who are considering sharing their video (external views only) with BTD and possibly other agencies. Vertex interested in using and paying for Cloud services for sharing their video. BTD with DoIT are leading this effort and working with the Seaport Leadership Group.

  - ✕ **On Hold - Water & Sewer – HQ-**████████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget.**

  - ✕ **BCYF –** ████████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Abstract to OEM/DHS submitted for funding**.

II. On Summer (~monthly) schedule through August.

Security Camera Strategy
Status Meeting – 6/19/19

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchrist	Siemens	X	
Rick London	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jim Fitzpatrick	BPD, Network	X	
Lauren Firnstein	EDIC	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Steve Whitman	BPD	X	
Mauori Stavenson	BHA	X	

Security Camera Strategy
Status Meeting – 10/23/19

Time: Wednesday, 10/23/2019, 9:00AM **(Next meeting = 11/6/2019 – Regular Schedule)**
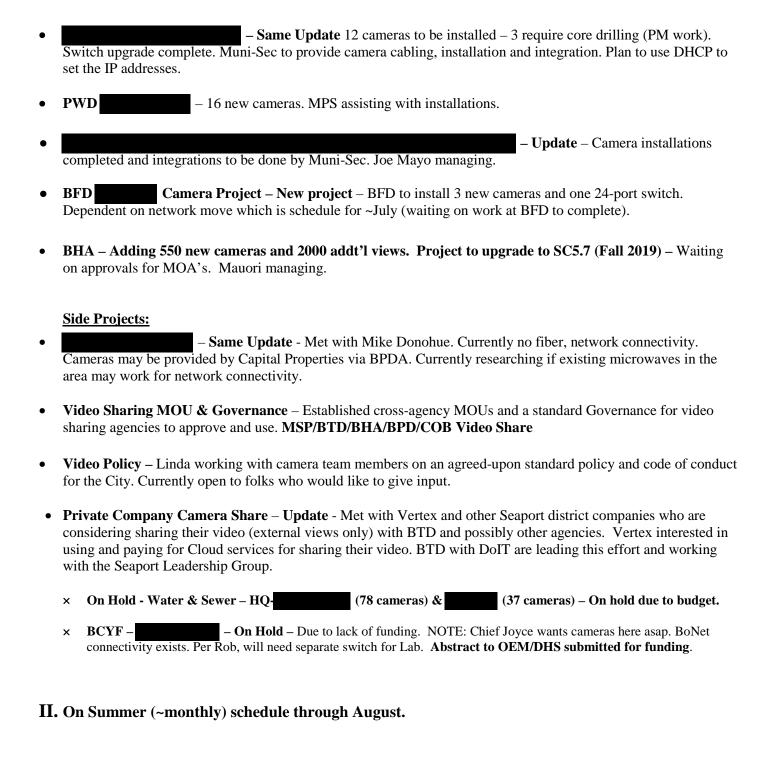
Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

- **BCYF Camera Projects –**
    - **BCYF Roslindale** – Switch installed. Camera installations (4) and integrations to complete this week.by Siemens. New cams to be put on new BCYF dedicated system.
    - **BCYF – North End – New Project** – Waiting on funding. Cameras ~ 4 exterior and 1 interior. Rob managing.
    - **BCYF Server Migration (off Property Mgt System)** – Tentatively scheduled for 11/5 based on BCYF final approval.

- **BPHC Camera Projects – Waiting on contract completion.**
    - ▮▮▮▮▮▮▮ – Completed.
    - ▮▮▮▮▮▮▮ – remaining camera installs to complete after BPHC move to own system. PO approved.
    - ▮▮▮▮▮▮▮ – 8-10 camera installs completed. 6 new cameras integrated on to new servers and video confirmed.
    - **Video Server Move to BPHC System (off Federation System)** – Completed successfully.

- **BPD Camera projects –**
    - ▮▮▮▮▮▮▮ **South End** – new camera project – installation in progress.
    - ▮▮▮▮▮▮▮ – cameras and call boxes.
    - **BPL** – BoNet presence established.
    - **Park phones** – 41 phones to be installed with cameras at COB parks
    - ▮▮▮▮▮▮▮ – installation being managed by BPD with Lan-Tel.

- **EDIC/BPD –** ▮▮▮▮▮▮ – Cameras to be on BPD camera network. Wicked-free wifi to be provided by DoIT. PO in progress with Sully Mac for switch, cabinet, wifi units and installation. Install being scheduled. EDIC/Lauren managing.

- **Property Management Camera Projects – Same update**
    - ▮▮▮▮▮▮ – **interior camera installations** – Network operations completed all network connectivity. Waiting on camera installation and integration by MPS.

- **PWD Camera Projects – Same updates** - Plan to install 1-2 cameras at fueling sites. All sites have network connectivity. Cameras should be set to DHCP to reserve IPs. DoIT will need camera MAC address also.
    - ▮▮▮▮▮▮ – John to install camera.
    - ▮▮▮▮▮▮ – John to install camera.
    - ▮▮▮▮▮▮ - TBD.
    - ▮▮▮▮▮▮ - TBD
    - ▮▮▮▮▮▮ - TBD
    - ▮▮▮▮▮▮ - TBD

- ████████████████████ – **Same Update** – MPS to provide camera cabling, installation and integration. Plan to use DHCP to set the IP addresses.

- **PWD**████████ – **Same update** - 16 new cameras (replacing 11 and adding 5 new). MPS to do installations.

- ██ – **Update** – Joe Mayo has begun phase 2 - install ~30 more cameras.

- **BHA – Adding 550 new cameras and 2000 addt'l views. Project to upgrade to SC5.7 (TBD)** – BHA/Mauori managing.

- ████████████████████ – **new project** – Revere PD requested to have cameras routed via BoNet from the ████████████████████ Switch and video VPN configured and ready. Camera cut overs to BoNet in progress.

   Side Projects:

- ████████████████ – **Same Update** - Met with Mike Donohue. Currently no fiber, network connectivity. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Video Sharing MOU & Governance** – Establish cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD/COB Video Share**

- **Video Policy** – Linda working with camera team members on an agreed-upon standard policy and code of conduct for the City. Linda incorporating comments for **Collaboration Policy.**

- **Private Company Camera Share** – **Update** - Met with Vertex and other Seaport district companies who are considering sharing their video (external views only) with BTD and possibly other agencies. Vertex interested in using and paying for Cloud services for sharing their video. BTD with DoIT are leading this effort and working with the Seaport Leadership Group.

- **BCYF** – ████████████ – **On Hold** – OEM to release funding to BCYF/Rob in Jan, 2020. BoNet connectivity exists. Per Rob, will need separate switch for Lab. Siemens to do camera installs and integrations. Rob managing.

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 10/23/19

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchrist	Siemens	X	
Rick London	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jim Fitzpatrick	BPD, Network	X	
Lauren Firnstein	EDIC	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Dan Rodriguez	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Steve Whitman	BPD	X	
Mauori Stavenson	BHA	X	
Brian Glora	OEM	X	

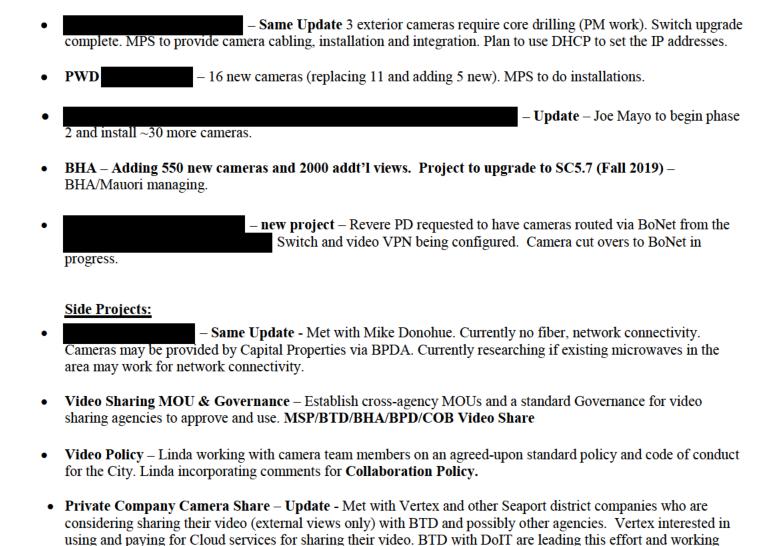Time: Wednesday, 10/9/2019, 9:00AM   **(Next meeting = 10/23/2019 – Regular Schedule)**

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

- **BCYF Camera Projects** –
  - **BCYF Roslindale** – Switch ready for Rob to install. Camera integration to be done by Siemens after migration is complete.
  - **BCYF – North End – New Project** – Cameras ~ 4 exterior and 1 interior. PO waiting on funding..
  - **BCYF Server Migration (off Property Mgt System)** – BCYF approved of video tree. In process of scheduling date/time for cut over.

- **BPHC Camera Projects – Waiting on contract completion.**
  - ███████████ – Install 2 analog digital converters for 7-8 cameras in gym – network change req'd.
  - ███████████ – remaining camera installs to complete after BPHC move to own system. PO approved.
  - ███████████ – 8-10 camera installs completed. 6 new cameras integrated on to new servers and video confirmed.
  - **Video Server Move to BPHC System (off Federation System)** – BPHC migration to its own video VMs to better support the growth. Cut Over = 10/9, 7am-5pm.

- **BPD Camera projects** –
  - ███████████ **South End** – new camera project – installation in progress.
  - ███████████ – cameras and call boxes.
  - **BPL** – BoNet presence established.
  - **Park phones** – 41 phones to be installed with cameras at COB parks
  - ███████████ – installation being managed by BPD with Lan-Tel.

- **EDIC/BPD** – ███████ – Cameras to be on BPD camera network. Wicked-free wifi to be provided by DoIT. PO in progress with Sully Mac for switch, cabinet, wifi units and installation. Install being scheduled. EDIC/Lauren managing.

- **Property Management Camera Projects – Same update**
  - ███████ – camera replacements required – ongoing.

- **PWD Camera Projects** – Plan to install 1-2 cameras at fueling sites. Will integrate in to Genetec under new PWD partition. All sites have network connectivity. Cameras should be set to DHCP to reserve IPs. DoIT will need camera MAC address also.
  - ███████████ – John to install camera.
  - ███████████ – John to install camera.
  - ███████████ - TBD.
  - ███████████ - TBD
  - ███████████ - TBD
  - ███████████ - TBD

- ███████████████████ – **Same Update** 3 exterior cameras require core drilling (PM work). Switch upgrade complete. MPS to provide camera cabling, installation and integration. Plan to use DHCP to set the IP addresses.

- **PWD** ████████ – 16 new cameras (replacing 11 and adding 5 new). MPS to do installations.

- ████████████████████████████████████ – **Update** – Joe Mayo to begin phase 2 and install ~30 more cameras.

- **BHA – Adding 550 new cameras and 2000 addt'l views. Project to upgrade to SC5.7 (Fall 2019)** – BHA/Mauori managing.

- ██████████████████ – **new project** – Revere PD requested to have cameras routed via BoNet from the ██████████████████ Switch and video VPN being configured. Camera cut overs to BoNet in progress.

  Side Projects:
- ████████████████ – **Same Update** - Met with Mike Donohue. Currently no fiber, network connectivity. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Video Sharing MOU & Governance** – Establish cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD/COB Video Share**

- **Video Policy** – Linda working with camera team members on an agreed-upon standard policy and code of conduct for the City. Linda incorporating comments for **Collaboration Policy.**

- **Private Company Camera Share** – **Update** - Met with Vertex and other Seaport district companies who are considering sharing their video (external views only) with BTD and possibly other agencies. Vertex interested in using and paying for Cloud services for sharing their video. BTD with DoIT are leading this effort and working with the Seaport Leadership Group.

  × **BCYF** – ███████████ – **On Hold** – Due to lack of funding. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Abstract to OEM/DHS submitted and funding approved.**

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 10/9/19

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchrist	Siemens	X	
Rick London	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jim Fitzpatrick	BPD, Network	X	
Lauren Firnstein	EDIC	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Dan Rodriguez	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Steve Whitman	BPD	X	
Mauori Stavenson	BHA	X	
Brian Glora	OEM	X	

Security Camera Strategy
Status Meeting – 11/20/19

Time: Wednesday, 11/20/2019, 9:00AM   **(Next meeting = 12/4/2019 – Regular Schedule)**

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

- **BCYF Camera Projects –**
    - **BCYF – North End – New Project –** Waiting on funding from North End organization. Rob managing.
    - **BCYF – Hyde Park –** New camera adds and integration. Rob and Linda managing.

- **BPHC Camera Projects -**
    - ███████████ – Camera installs to be completed by Siemens.
    - ████████████████ – Camera installations completed and new users added. Project complete.
    - ███████████ – Camera adds, upgrades & relocations – quote provided. Obtaining PO.

- **BPD Camera projects –**
    - ███████████████████ **South End** – new camera project – installation in progress.
    - ██████████████████████ – cameras and call boxes.
    - **BPL** – BoNet presence established.
    - **Park phones** – 41 phones to be installed with cameras at COB parks
    - ███████████████ – installation being managed by BPD with Lan-Tel.

- **EDIC/BPD –** ███████████ – Cameras to be on BPD camera network. IP addressing call this week. Wicked-free wifi provided by DoIT – installation complete. EDIC/Lauren managing.

- **Property Management Camera Projects – Update**
    - ██████ **– interior camera installations –** Camera installation and integration to be done by MPS.

- ████████████████ – Camera installs completed.

- **PWD** ███████ – **Update -** 16 new cameras (replacing 11 and adding 5 new). MPS to do installations.

- **PWD Fuel Sites –** MPS doing the camera installations.

- **BHA – Adding 550+ new cameras and 2000 addt'l views. Project to upgrade to SC5.7 (2020) –** BHA/Mauori managing.

- ████████████████ **– new project –** Camera cut overs to BoNet in progress.

Governance & Audit Projects:

- **Video Sharing & Governance** – Linda working with City of Boston agencies to establish a cross-agency governance committee with authorized designees. This committee will be responsible for establishing security camera video policies that may be adopted by participating agencies.

- **Video Audit** – Agencies whose cameras are part of the City's camera federation have been provided with an audit of who can view their cameras and what level of access they have. (Addt'l copies in status meeting.) The goal of this audit is to refresh the authorized approvals for documentation purposes and historical reference. Linda working with the agencies to obtain documented approval from an authorized agency designee for the access and privilege level to their cameras for each viewing agency.

- **Exported Video Requests** - Obtain each agency's process for providing recorded video and documenting it as a shared reference for City agencies.

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 11/20/19

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Glora	OEM	X	
Brian Henry	MBTA	X	
Dan Rodriguez	Siemens	X	
Dan Rothman	DoIT	X	
Don Burgess	BTD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Indira Alvarez	PMD	X	
Joseph Callahan	PMD	X	
James Hasson	BPD	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Gillis	MPS	X	
Joe McNulty	BFD	X	
Krishnamoorthi Ramasamy	BPHC	X	
Lauren Firnstein	EDIC	X	
Linda Calnan	DoIT	X	
Louis Madeira	BPD	X	
Mauori Stavenson	BHA	X	
Mike Sulprizio	PMD	X	
Rob Flaherty	BCYF	X	
Robert Gilchrist	Siemens	X	
Rick London	Genetec	X	
Sarah Plowman	OEM	X	
Steve Whitman	BPD	X	
Shawn Romanoski	BPD	X	
Steve Healy	Parks	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	

Security Camera Strategy
Status Meeting – 11/6/19

I. Agenda-Locations / Status Updates / Action Items

- **BCYF Camera Projects** –
  - **BCYF Roslindale** – Completed.
  - **BCYF – North End – New Project** – Waiting on funding from North End organization. Rob managing.
  - **BCYF Server Migration (off Property Mgt System)** – Completed.
  - **BCYF – Hyde Park** – new camera adds and integration. Rob and Linda managing.

- **BPHC Camera Projects** -
  - ▓▓▓▓▓▓▓ – Camera installs to be completed by Siemens.
  - ▓▓▓▓▓▓▓▓▓ – Camera installations completed.
  - ▓▓▓▓▓▓▓ – Camera adds, upgrades & relocations – quote provided. Obtaining PO.

- **BPD Camera projects** –
  - ▓▓▓▓▓▓▓▓▓▓▓ **South End** – new camera project – installation in progress.
  - ▓▓▓▓▓▓▓▓▓▓▓▓ – cameras and call boxes.
  - **BPL** – BoNet presence established.
  - **Park phones** – 41 phones to be installed with cameras at COB parks
  - ▓▓▓▓▓▓▓▓ – installation being managed by BPD with Lan-Tel.

- **EDIC/BPD** – ▓▓▓▓▓ – Cameras to be on BPD camera network. Wicked-free wifi provided by DoIT – installation complete. EDIC/Lauren managing.

- **Property Management Camera Projects – Same update**
  - ▓▓▓▓ – **interior camera installations** – Waiting on camera installation and integration by MPS.

- ▓▓▓▓▓▓▓▓▓ – **Same Update** – MPS to provide camera cabling, installation and integration. Plan to use DHCP to set the IP addresses.

- **PWD** ▓▓▓▓ – **Same update** - 16 new cameras (replacing 11 and adding 5 new). MPS to do installations.

- **BHA – Adding 550 new cameras and 2000 addt'l views. Project to upgrade to SC5.7 (2020)** – BHA/Mauori managing.

- ▓▓▓▓▓▓▓▓ – **new project** – Camera cut overs to BoNet in progress.

Governance & Audit Projects:

- **Video Sharing & Governance** – Linda working with agencies on Federation access, rights, authorized approvals, etc. for all agencies. Goal = review audit of each agencies access and obtain documented approval from authorized designee for the access to their cameras. Also obtaining each agencies process for obtaining recorded video and documenting it for reference. Working to establish cross-agency Governance with authorized agency committee.

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 11/6/19

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchrist	Siemens	X	
Rick London	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jim Fitzpatrick	BPD, Network	X	
Lauren Firnstein	EDIC	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Dan Rodriguez	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Steve Whitman	BPD	X	
Mauori Stavenson	BHA	X	
Brian Glora	OEM	X	

<p style="text-align:center">Security Camera Strategy
Status Meeting – 12/4/19</p>

Time: Wednesday, 12/4/2019, 9:00AM   (**Next meeting = 12/18/2019 – Regular Schedule**)

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

- **BCYF Camera Projects –**
  - o **BCYF – North End – New Project** – Funding from North End organizationapproved. Rob managing.
  - o **BCYF** – **Hyde Park** – New camera adds and integration. Rob and Linda managing.

- **BPHC Camera Projects -**
  - o ▆▆▆▆▆▆▆ – Camera installs and integrations completed by Siemens.
  - o **EMS HQ – Camera Installation –** 4 new cameras to be installed.
  - o ▆▆▆▆▆▆▆ **–** Camera adds, upgrades & relocations – in progress.

- **BPD Camera projects –**
  - o ▆▆▆▆▆▆▆▆▆▆▆▆▆ **South End** – new camera project – installation in progress.
  - o ▆▆▆▆▆▆▆▆▆▆▆▆▆▆▆▆▆ – cameras and call boxes.
  - o **Park phones** – phones installed with cameras at COB parks – project almost completed.
  - o ▆▆▆▆▆▆▆▆▆ – installation being managed by BPD with Lan-Tel. 1.2 sq. miles.

- **EDIC/BPD –** ▆▆▆▆▆▆ – Cameras to be on BPD camera network. IP addressing call this week. Wicked-free wifi provided by DoIT – installation complete. EDIC/Lauren managing.

- **Property Management Camera Projects – Update**
  - **o** ▆▆▆▆ **– interior camera installations –** Camera installation and integration to be done by MPS.

- ▆▆▆▆▆▆▆▆▆ – Exterior **c**amera installs completed. Interior camera installs in progress.

- **PWD** ▆▆▆▆▆ – **Update** - 16 new cameras (replacing 11 and adding 5 new). MPS to do installations.

- **PWD Fuel Sites** – MPS doing the camera installations.

- **BHA – Adding 550+ new cameras and 2000 addt'l views. Project to upgrade to SC5.7 (2020) –** BHA/Mauori managing.

- ▆▆▆▆▆▆▆▆▆▆▆ **– new project** – Camera cut overs to BoNet in progress.

Governance & Audit Projects:

- **Video Sharing & Governance** – Linda working with City of Boston agencies to establish a cross-agency governance committee with authorized designees. This committee will be responsible for establishing the security camera video policies that may be adopted by participating agencies. Points: 1.) mission statement; 2.) Governance Structure; 3.) Procurement Protocols; 4.) Integrations – phased approach.

- **Video Audit** – Agencies whose cameras are part of the City's camera federation have been provided with an audit of who can view their cameras and what level of access they have. (Addt'l copies in status meeting.) The goal of this audit is to refresh the authorized approvals for documentation purposes and historical reference.   Linda working with the agencies to obtain documented approval from an authorized agency designee for the access and privilege level to their cameras for each viewing agency.

- **Exported Video Requests** - Obtain each agency's process for providing recorded video and documenting it as a shared reference for City agencies.

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 12/4/19

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Glora	OEM	X	
Brian Henry	MBTA	X	
Dan Rodriguez	Siemens	X	
Dan Rothman	DoIT	X	
Don Burgess	BTD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Indira Alvarez	PMD	X	
Joseph Callahan	PMD	X	
James Hasson	BPD	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jim Fitzpatrick	BPD, Network	X	
John Gillis	MPS	X	
Joe McNulty	BFD	X	
Krishnamoorthi Ramasamy	BPHC	X	
Lauren Firnstein	EDIC	X	
Linda Calnan	DoIT	X	
Louis Madeira	BPD	X	
Mauori Stavenson	BHA	X	
Mike Sulprizio	PMD	X	
Rob Flaherty	BCYF	X	
Robert Gilchrist	Siemens	X	
Rick London	Genetec	X	
Sarah Plowman	OEM	X	
Steve Whitman	BPD	X	
Shawn Romanoski	BPD	X	
Steve Healy	Parks	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	

Security Camera Strategy
Status Meeting – 7/31/19

Time: Wednesday, 7/31/2019, 9:00AM   **(Next meeting = 8/28/2019 – Summer Schedule)**

Location: Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)

Called by: Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

- **BCYF Roslindale** – quote provided for new cameras and integration. PO in approval process.

- **BCYF – North End – New Project** – Cameras ~ 4 exterior and 1 interior. Site walk thru for camera placement completed. Proposals provided.

  - **BCYF Server Migration (off Property Mgt System)** – BCYF moving to dedicated infrastructure. PO approved. Scheduling date with Siemens. Linda and Rob managing. Linda to provide new IP for user access. Preferred time = 9am-3pm on a Wed.

- **BPHC Camera Projects – Waiting on contract completion.**
  - ███████████ – Install 2 analog digital converters for 7-8 cameras in gym.
  - ███████████ – remaining camera installs to complete after BPHC move to own system. PO approved.
  - ███████████████ – 8-10 new camera installs to begin after BPHC move to own system. PO approved.
  - **Video Server Move to BPHC System (off Federation System)** – Plan to move BPHC video infrastructure and cameras on to its own video VMs to better support the growth. BPHC approved PO for Siemens to conduct work once. Linda to provide new IP for user access. Preferred time = 9am-3pm on a Wed.

- **BPD Camera projects –**
  - ██████████████████ – new camera installation project – waiting on release of funding.
  - ████████████ – live date 6/1. BPD and EDIC managing. Cabinet install = BPD. BoNet switch ready for deployment.
  - ████████████████████████ – cameras and call boxes.

- **EDIC/BPD –** ████████████ **– New Project** – Cameras to be on BPD camera network. Wicked-free wifi to be provided by DoIT. Contract & PO completed with Sully Mac for switch, cabinet, wifi units and installation. Install being scheduled. EDIC to fund. Lauren managing.

- **Property Management Camera Projects –**
  - **City Hall** – Ongoing maintenance and replacement of end of life cameras.

- **PWD Camera Projects** – Plan to install 1-2 cameras at fueling sites. Will integrate in to Genetec under new PWD partition. All sites have network connectivity. Cameras should be set to DHCP to reserve IPs. DoIT will need camera MAC address also.
  - ██████████████████ – Gillis installing camera.
  - █████████████████████ – Equipment received, Gillis to install.
  - ██████████████████████ - Equipment received, Gillis to install.
  - ██████████████████ - Equipment received, Gillis to install.
  - ██████████████████
  - ██████████████████

- ○ ███████████████████████

- ████████████████████ – **Same Update** 12 cameras to be installed – 3 require core drilling (PM work). Switch upgrade complete. Muni-Sec to provide camera cabling, installation and integration. Plan to use DHCP to set the IP addresses.

- **PWD** ██████████ – 16 new cameras. MPS assisting with installations.

- ██ – **Update** – Camera installations completed and integrations to be done by Muni-Sec. Joe Mayo managing.

- **BFD** ████████ **Camera Project – New project** – BFD to install 3 new cameras and one 24-port switch. Network move completed.

- **BHA – Adding 550 new cameras and 2000 addt'l views. Project to upgrade to SC5.7 (Fall 2019)** – Waiting on approvals for MOA's. Mauori managing.

   Side Projects:
- ████████████████ – **Same Update** - Met with Mike Donohue. Currently no fiber, network connectivity. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD/COB Video Share**

- **Video Policy –** Linda working with camera team members on an agreed-upon standard policy and code of conduct for the City. Currently open to folks who would like to give input.

- **Private Company Camera Share** – **Update** - Met with Vertex and other Seaport district companies who are considering sharing their video (external views only) with BTD and possibly other agencies. Vertex interested in using and paying for Cloud services for sharing their video. BTD with DoIT are leading this effort and working with the Seaport Leadership Group.

   × **On Hold - Water & Sewer – HQ-**███████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget.**

   × **BCYF –** ████████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Abstract to OEM/DHS submitted for funding**.

II. On Summer (~monthly) schedule through August.

Security Camera Strategy
Status Meeting – 7/31/19

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchrist	Siemens	X	
Rick London	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jim Fitzpatrick	BPD, Network	X	
Lauren Firnstein	EDIC	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Dan Rodriguez	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Steve Whitman	BPD	X	
Mauori Stavenson	BHA	X	

Security Camera Strategy
Status Meeting – 7/3/19

Time:	**Wednesday, 7/3/2019, 9:00AM** **(Next meeting = 7/31/2019 – Summer Schedule)**
Location:	Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)
Called by:	Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

- **BCYF** – ███████ – Camera integration to be completed.

- **BCYF Roslindale** – quote provided for new cameras and integration. PO in approval process.

- **BCYF – North End – New Project** – Cameras ~ 4 exterior and 1 interior. Site walk thru for camera placement completed. Quotes/proposals to be provided.

- **BCYF Server Migration** – BCYF moving to dedicated infrastructure. PO approved. Scheduling date with Siemens. Linda and Rob managing. Linda to provide new IP for user access.

- **BPHC Camera Projects – Waiting on contract completion.**
    - ███████ – Install 2 analog digital converters for 7-8 cameras in gym.
    - ███████ – remaining camera installs to complete after BPHC move to own system. PO approved.
    - ███████ – 8-10 new camera installs to begin after BPHC move to own system. PO approved.
    - **Video Server Move to BPHC System (off Federation System)** – Plan to move BPHC video infrastructure and cameras on to its own video VMs to better support the growth. BPHC to provide PO for Siemens to conduct work once contract is completed. PO approved. Linda to provide new IP for user access.

- **BPD Camera projects** –
    - ███████ – new camera installation project – waiting on release of funding.
    - ███████ – live date 6/1. BPD and EDIC managing. Cabinet install = BPD. BoNet switch ready for deployment.
    - ███████ – cameras and call boxes.
    - ███████ – working with MBTA on another connection – completed 5/28.

- **EDIC/BPD** – ███████ – **New Project** – Cameras to be on BPD camera network. Wicked-free wifi to be provided by DoIT. Bid event for switch, cabinet, wifi units and installation completed and awarded. In contract and PO process. Will schedule work once PO is dispatched. EDIC to fund. Lauren managing.

- **Property Management Camera Projects** –
    - **City Hall** – Ongoing maintenance and replacement of end of life cameras.

- **PWD Camera Projects** – Plan to install 1-2 cameras at fueling sites. Will integrate in to Genetec under new PWD partition. All sites have network connectivity. Cameras should be set to DHCP to reserve IPs. DoIT will need camera MAC address also.
    - ███████ – Gillis installing camera.
    - ███████ – Equipment received, Gillis to install.
    - ███████ - Equipment received, Gillis to install.
    - ███████ - Equipment received, Gillis to install.

- o ███████████████████████
- o ███████████████████
- o ████████████████████

- ██████████████████████ – **Same Update** 12 cameras to be installed – 3 require core drilling (PM work). Switch upgrade complete. Muni-Sec to provide camera cabling, installation and integration. Plan to use DHCP to set the IP addresses.

- **PWD** ███████████ – 16 new cameras. MPS assisting with installations.

- ██ – **Update** – Camera installations completed and integrations to be done by Muni-Sec. Joe Mayo managing.

- **BFD** ███████ **Camera Project – New project** – BFD to install 3 new cameras and one 24-port switch. Dependent on network move which is schedule for ~July (waiting on work at BFD to complete).

- **BHA – Adding 550 new cameras and 2000 addt'l views. Project to upgrade to SC5.7 (Fall 2019) –** Waiting on approvals for MOA's. Mauori managing.

Side Projects:

- ████████████████ – **Same Update** - Met with Mike Donohue. Currently no fiber, network connectivity. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD/COB Video Share**

- **Video Policy –** Linda working with camera team members on an agreed-upon standard policy and code of conduct for the City. Currently open to folks who would like to give input.

- **Private Company Camera Share** – **Update** - Met with Vertex and other Seaport district companies who are considering sharing their video (external views only) with BTD and possibly other agencies. Vertex interested in using and paying for Cloud services for sharing their video. BTD with DoIT are leading this effort and working with the Seaport Leadership Group.

    - × **On Hold - Water & Sewer – HQ-**███████████ **(78 cameras) &** ████████ **(37 cameras) – On hold due to budget.**

    - × **BCYF –** ███████████ **– On Hold –** Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Abstract to OEM/DHS submitted for funding**.

II. On Summer (~monthly) schedule through August.

Security Camera Strategy
Status Meeting – 7/3/19

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchrist	Siemens	X	
Rick London	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jim Fitzpatrick	BPD, Network	X	
Lauren Firnstein	EDIC	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Nelson Vasconcelos	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Steve Whitman	BPD	X	
Mauori Stavenson	BHA	X	

Security Camera Strategy
Status Meeting – 8/28/19

Time:	**Wednesday, 8/28/2019, 9:00AM** **(Next meeting = 9/11/2019 – Summer Schedule)**
Location:	Conference Room 115 / Dial In: 1-866-715-6967, Passcode: 4466461 (Host: 7860059)
Called by:	Linda Calnan x52875

I. Agenda-Locations / Status Updates / Action Items

- **BCYF Camera Projects** –
  - **BCYF Roslindale** – Installation in progress. Integration to be done by Siemens after migration is complete.
  - **BCYF – North End – New Project** – Cameras ~ 4 exterior and 1 interior. PO in progress.
  - **BCYF Server Migration (off Property Mgt System)** – BCYF approved of video tree. In process of scheduling date/time for cut over.

- **BPHC Camera Projects – Waiting on contract completion.**
  - ████████████ – Install 2 analog digital converters for 7-8 cameras in gym.
  - ████████████ – remaining camera installs to complete after BPHC move to own system. PO approved.
  - ████████████ – 8-10 new camera installs to begin after BPHC move to own system. PO approved.
  - **Video Server Move to BPHC System (off Federation System)** – Plan to move BPHC video infrastructure and cameras on to its own video VMs to better support the growth. BPHC approved PO for Siemens to conduct work once. Linda to provide new IP for user access. Preferred time = 9am-3pm on a Wed.

- **BPD Camera projects** –
  - ████████████ **South End** – new camera installation project – funding released. BPD managing.
  - ████████████ – cameras and call boxes.
  - ████████████ – IPs provided; cameras in process of being cut over to BoNet.

- **EDIC/BPD** – ████████ – Cameras to be on BPD camera network. Wicked-free wifi to be provided by DoIT. Contract & PO completed with Sully Mac for switch, cabinet, wifi units and installation. Install being scheduled. EDIC to fund. Lauren managing.

- **Property Management Camera Projects** –
  - ████████████ – camera replacements required

- **PWD Camera Projects** – Plan to install 1-2 cameras at fueling sites. Will integrate in to Genetec under new PWD partition. All sites have network connectivity. Cameras should be set to DHCP to reserve IPs. DoIT will need camera MAC address also.
  - ████████████ – Gillis installing camera.
  - ████████████ – Equipment received, Gillis to install.
  - ████████████ - Equipment received, Gillis to install.
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  - ████████████

- ○ ███████████████████
  - ○ ███████████████████

- ███████████████████ – **Same Update** 12 cameras to be installed – 3 require core drilling (PM work). Switch upgrade complete. Muni-Sec to provide camera cabling, installation and integration. Plan to use DHCP to set the IP addresses.

- **PWD** ██████████ – 16 new cameras. MPS assisting with installations.

- ███████████████████ – **Update** – Connectivity to BoNet completed. Camera installations and integrations being done by Muni-Sec.

- **BHA – Adding 550 new cameras and 2000 addt'l views. Project to upgrade to SC5.7 (Fall 2019)** – Waiting on approvals for MOA's. Mauori managing.

- ███████████████████ – **new project** – Revere PD requested to have cameras routed via BoNet from the ████████████ Switch and video VPN being configured. Lan-Tel preparing to cut over cameras to Bonet. Date ~ week of 9/3.

  Side Projects:

- ███████████████████ – **Same Update** - Met with Mike Donohue. Currently no fiber, network connectivity. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD/COB Video Share**

- **Video Policy** – Linda working with camera team members on an agreed-upon standard policy and code of conduct for the City. Currently open to folks who would like to give input.

- **Private Company Camera Share – Update** - Met with Vertex and other Seaport district companies who are considering sharing their video (external views only) with BTD and possibly other agencies. Vertex interested in using and paying for Cloud services for sharing their video. BTD with DoIT are leading this effort and working with the Seaport Leadership Group.

  - ✕ **BCYF –** ██████████ **– On Hold** – Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Abstract to OEM/DHS submitted for funding**.

II. On Summer (~monthly) schedule through August.

Security Camera Strategy
Status Meeting – 8/28/19

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchrist	Siemens	X	
Rick London	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jim Fitzpatrick	BPD, Network	X	
Lauren Firnstein	EDIC	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Dan Rodriguez	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Steve Whitman	BPD	X	
Mauori Stavenson	BHA	X	

Security Camera Strategy
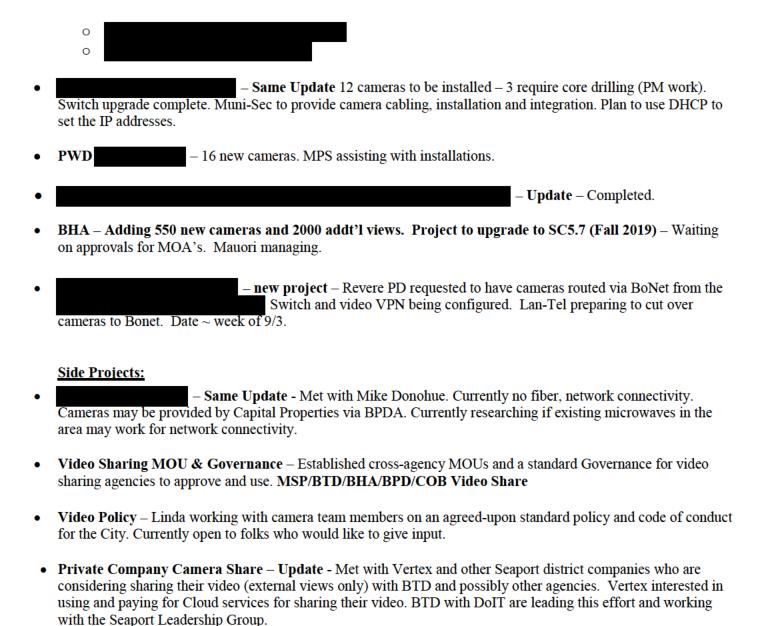## Status Meeting – 9/11/19

I. Agenda-Locations / Status Updates / Action Items

- **BCYF Camera Projects** –
  - o **BCYF Roslindale** – Installation in progress. Switch received by Rob. Integration to be done by Siemens after migration is complete.
  - o **BCYF – North End – New Project** – Cameras ~ 4 exterior and 1 interior. PO in progress.
  - o **BCYF Server Migration (off Property Mgt System)** – BCYF approved of video tree. In process of scheduling date/time for cut over.

- **BPHC Camera Projects – Waiting on contract completion.**
  - o ███████████ – Install 2 analog digital converters for 7-8 cameras in gym.
  - o ███████████ – remaining camera installs to complete after BPHC move to own system. PO approved.
  - o ███████████████ – 8-10 new camera installs to begin after BPHC move to own system. PO approved.
  - o **Video Server Move to BPHC System (off Federation System)** – Plan to move BPHC video infrastructure and cameras on to its own video VMs to better support the growth. BPHC approved PO for Siemens to conduct work once. Linda to provide new IP for user access. Preferred time = 9am-3pm on a Wed.

- **BPD Camera projects** –
  - o ██████████████████████ **South End** – new camera installation project – funding released. BPD managing.
  - o ███████████████████████ – cameras and call boxes.
  - o ███████████ – IPs provided; cameras in process of being cut over to BoNet.

- **EDIC/BPD** – ██████████ – Cameras to be on BPD camera network. Wicked-free wifi to be provided by DoIT. Contract & PO completed with Sully Mac for switch, cabinet, wifi units and installation. Install being scheduled. EDIC to fund. Lauren managing. Municipal security requesting view only access to camera views.

- **Property Management Camera Projects** –
  - • ██████████ – camera replacements required – John managing.

- **PWD Camera Projects** – Plan to install 1-2 cameras at fueling sites. Will integrate in to Genetec under new PWD partition. All sites have network connectivity. Cameras should be set to DHCP to reserve IPs. DoIT will need camera MAC address also.
  - o █████████████████████ – completed.
  - o ████████████████████████ – Equipment received, Gillis to install.
  - o █████████████████████████ - Equipment received, Gillis to install.
  - o ███████████████████ - Equipment received, Gillis to install.
  - o ███████████████████

- o ████████████████████
- o ████████████████

- ██████████████████ – **Same Update** 12 cameras to be installed – 3 require core drilling (PM work). Switch upgrade complete. Muni-Sec to provide camera cabling, installation and integration. Plan to use DHCP to set the IP addresses.

- **PWD** ████████ – 16 new cameras. MPS assisting with installations.

- ████████████████████████████████ – **Update** – Completed.

- **BHA – Adding 550 new cameras and 2000 addt'l views. Project to upgrade to SC5.7 (Fall 2019)** – Waiting on approvals for MOA's. Mauori managing.

- ████████████████ – **new project** – Revere PD requested to have cameras routed via BoNet from the ████████████████ Switch and video VPN being configured. Lan-Tel preparing to cut over cameras to Bonet. Date ~ week of 9/3.

  Side Projects:
- ██████████████ – **Same Update** - Met with Mike Donohue. Currently no fiber, network connectivity. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD/COB Video Share**

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- **Private Company Camera Share – Update** - Met with Vertex and other Seaport district companies who are considering sharing their video (external views only) with BTD and possibly other agencies. Vertex interested in using and paying for Cloud services for sharing their video. BTD with DoIT are leading this effort and working with the Seaport Leadership Group.

  - ✕ **BCYF –** ██████████ **– On Hold** – Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Abstract to OEM/DHS submitted for funding**.

II. On Summer (~monthly) schedule through August.

Security Camera Strategy
Status Meeting – 9/11/19

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchrist	Siemens	X	
Rick London	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jim Fitzpatrick	BPD, Network	X	
Lauren Firnstein	EDIC	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Dan Rodriguez	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Steve Whitman	BPD	X	
Mauori Stavenson	BHA	X	

Security Camera Strategy
Status Meeting – 9/25/19

I. Agenda-Locations / Status Updates / Action Items

- **BCYF Camera Projects** –
  - **BCYF Roslindale** – Installation in progress. Switch received by Rob. Integration to be done by Siemens after migration is complete.
  - **BCYF – North End – New Project** – Cameras ~ 4 exterior and 1 interior. PO in progress.
  - **BCYF Server Migration (off Property Mgt System)** – BCYF approved of video tree. In process of scheduling date/time for cut over. Goal = by 10/4.

- **BPHC Camera Projects – Waiting on contract completion.**
  - ▮▮▮▮▮▮▮▮▮▮ – Install 2 analog digital converters for 7-8 cameras in gym.
  - ▮▮▮▮▮▮▮▮▮▮ – remaining camera installs to complete after BPHC move to own system. PO approved.
  - ▮▮▮▮▮▮▮▮▮▮▮ – 8-10 new camera installs to begin after BPHC move to own system. PO approved.
  - **Video Server Move to BPHC System (off Federation System)** – Plan to move BPHC video infrastructure and cameras on to its own video VMs to better support the growth. BPHC approved PO for Siemens to conduct work once. Linda to provide new IP for user access. Preferred time = 9am-3pm on a Wed. Goal = by 10/4.

- **BPD Camera projects** –
  - ▮▮▮▮▮▮▮▮▮▮▮▮▮ **South End** – new camera installation project – funding released. BPD managing.
  - ▮▮▮▮▮▮▮▮▮▮▮▮▮▮ – cameras and call boxes.
  - **BPL** – 150+ IPs released to support cameras for marathon (~100) and daily use (~30).

- **EDIC/BPD** – ▮▮▮▮▮▮ – Cameras to be on BPD camera network. Wicked-free wifi to be provided by DoIT. Contract & PO in progress with Sully Mac for switch, cabinet, wifi units and installation. Install being scheduled. EDIC to fund. Lauren managing. Municipal security requesting view only access to camera views.

- **Property Management Camera Projects** –
  - ▮▮▮▮▮▮▮ – camera replacements required – John managing.

- **PWD Camera Projects** – Plan to install 1-2 cameras at fueling sites. Will integrate in to Genetec under new PWD partition. All sites have network connectivity. Cameras should be set to DHCP to reserve IPs. DoIT will need camera MAC address also.
  - ▮▮▮▮▮▮▮▮▮▮▮▮▮ – completed.
  - ▮▮▮▮▮▮▮▮▮▮▮▮▮▮ – Equipment received, Gillis to install.
  - ▮▮▮▮▮▮▮▮▮▮▮▮ – Install in progress.
  - ▮▮▮▮▮▮▮▮▮▮▮ - Equipment received, Gillis to install.
  - ▮▮▮▮▮▮▮▮▮▮▮▮▮

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  - o ███████████████████████

- ████████████████████ – **Same Update** 12 cameras to be installed – 3 require core drilling (PM work). Switch upgrade complete. Muni-Sec to provide camera cabling, installation and integration. Plan to use DHCP to set the IP addresses.

- **PWD** ████████ – 16 new cameras. MPS assisting with installations.

- ████████████████████████████████████ – **Update** – Joe Mayo looking to begin phase 2 and install ~30 more cameras.

- **BHA – Adding 550 new cameras and 2000 addt'l views. Project to upgrade to SC5.7 (Fall 2019)** – Waiting on approvals for MOA's. Mauori managing.

- ████████████████████ – **new project** – Revere PD requested to have cameras routed via BoNet from the ████████████████████ Switch and video VPN being configured. Lan-Tel preparing to cut over cameras to BoNet. Goal – by 10/4.

  Side Projects:
- ████████████████ – **Same Update** - Met with Mike Donohue. Currently no fiber, network connectivity. Cameras may be provided by Capital Properties via BPDA. Currently researching if existing microwaves in the area may work for network connectivity.

- **Video Sharing MOU & Governance** – Established cross-agency MOUs and a standard Governance for video sharing agencies to approve and use. **MSP/BTD/BHA/BPD/COB Video Share**

- **Video Policy** – Linda working with camera team members on an agreed-upon standard policy and code of conduct for the City. Currently open to folks who would like to give input. **Linda attached to this week's invite a Collaboration Policy for review.**

- **Private Company Camera Share** – **Update** - Met with Vertex and other Seaport district companies who are considering sharing their video (external views only) with BTD and possibly other agencies. Vertex interested in using and paying for Cloud services for sharing their video. BTD with DoIT are leading this effort and working with the Seaport Leadership Group.

  - × **BCYF** – ████████████ – **On Hold** – Due to lack of funding. NOTE: Chief Joyce wants cameras here asap. BoNet connectivity exists. Per Rob, will need separate switch for Lab. **Abstract to OEM/DHS submitted and funding approved**.

II. On regular bi-weekly schedule.

Security Camera Strategy
Status Meeting – 9/25/19

Attendees		Invited	Attended
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
John Gillis	MPS	X	
Dan Rothman	CTO, COB	X	
Krishnamoorthi Ramasamy	BPHC	X	
Conor McDavitt	Siemens	X	
Eric Johnson	Lan-Tel	X	
Robert Gilchrist	Siemens	X	
Rick London	Genetec	X	
Jason MacDonald	BFD	X	
Jeff Beers	BPHC	X	
Jason Marshall	BPD, Network	X	
Jim Fitzpatrick	BPD, Network	X	
Lauren Firnstein	EDIC	X	
Linda Calnan	COB	X	
Louis Madeira	BPD	X	
Rob Flaherty	BCYF	X	
Steve Healy	Parks	X	
Sarah Plowman	OEM	X	
Dan Rodriguez	Siemens	X	
Shawn Romanoski	BPD	X	
Vinny Stancato	Lan-Tel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Steve Whitman	BPD	X	
Mauori Stavenson	BHA	X	
Brian Glora	OEM	X	