

Security Camera Strategy

Status Meeting

3/23/16

Time: **Next meeting: Wednesday, 3/23/2016, 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

NOTE: 1.) IE11 move = 3/21

Locations: (Updates in blue:)

- **Public Health - Jeff, Abhishek**
 - **203 River Street / EMS Storage Facility – Juniper switch installed and VPN tunnel completed. Next steps: purchase licenses and appliance.** 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.
 - **Strand Theater – Siemens to conduct site survey for placement of 12 cameras + 360 degree camera with Mike Flaherty.**
 - **ISD/1010 Mass Ave. – No new update** – Waiting on Leon Graves, legal, and Joe Callahan, funding.
- **City Hall New Camera Install – Camera replacements (33 cameras) completed.** 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 MOU** – In progress.
 - **Interconnect COB & state/ MBTA systems and federate them together** – In progress and will be included in MOU.
- **MIT Lincoln Labs – No new update.** 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.
- **85 Bragdon St.** – 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.)

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- **Canterbury Street, 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 1010 Mass Ave; waiting on electrical connectivity for cabling to the roof.
- **L Street/Curley Ctr – Fiber lateral to be run; Procurement & Linda to initiate bid process. 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 – Ancient & Honorable – 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 Harrison 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. BFD to obtain workstation for VidSys video viewing. PC to be similar to BPD's set up (Linda provided specs to BFD). BFD requesting for: 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.** BTM 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 & Ruggles) Security Initiatives – Shawn to provide update. Phase 1 approved, Phase 2 in OEM. 2 projects: a.) cameras outside and down towards Ruggles; b.) cameras inside bldg.**
- **Fiber Maps – PSNet fiber for Boston and Brookline provided and being layered on to BONET fiber mapping. Following up on, with various folks, data for UASI region fiber; school fiber; shadow conduits; Crown Castle fiber maps. Linda provided Mike L. with GlobalNaps fiber info for his consideration.**
- **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.

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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	
Jarrold 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 Deloriae	Isilon	X	
Vinny Stancato	LanTel	X	
William Joyce	MPS	X	
Wilson Aleman	BTD	X	
Zebedeo Pena	Genetec	X	

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Appendix A

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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: (Updates in bold:)

- **Public Health - Jeff, Abhishek**
 - **203 River Street / EMS Storage Facility – Siemens scheduling work to start ~ 4/18.** Per Jeff – will purchase appliance for River St. 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. (Hampton St. does not need an appliance due to redundancy.) ~9 cameras.
 - **Strand Theater – 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.**
 - **ISD/1010 Mass Ave. –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.
- **85 Bragdon St. – 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.)
- **Canterbury Street, 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 1010 Mass Ave - electrical complete; waiting on cabling to the roof.
- **L Street/Curley Ctr – 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

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all set (state agency); 67 cameras at Harrison 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 Ruggles; b.) cameras inside bldg.
- **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, BTM, 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.

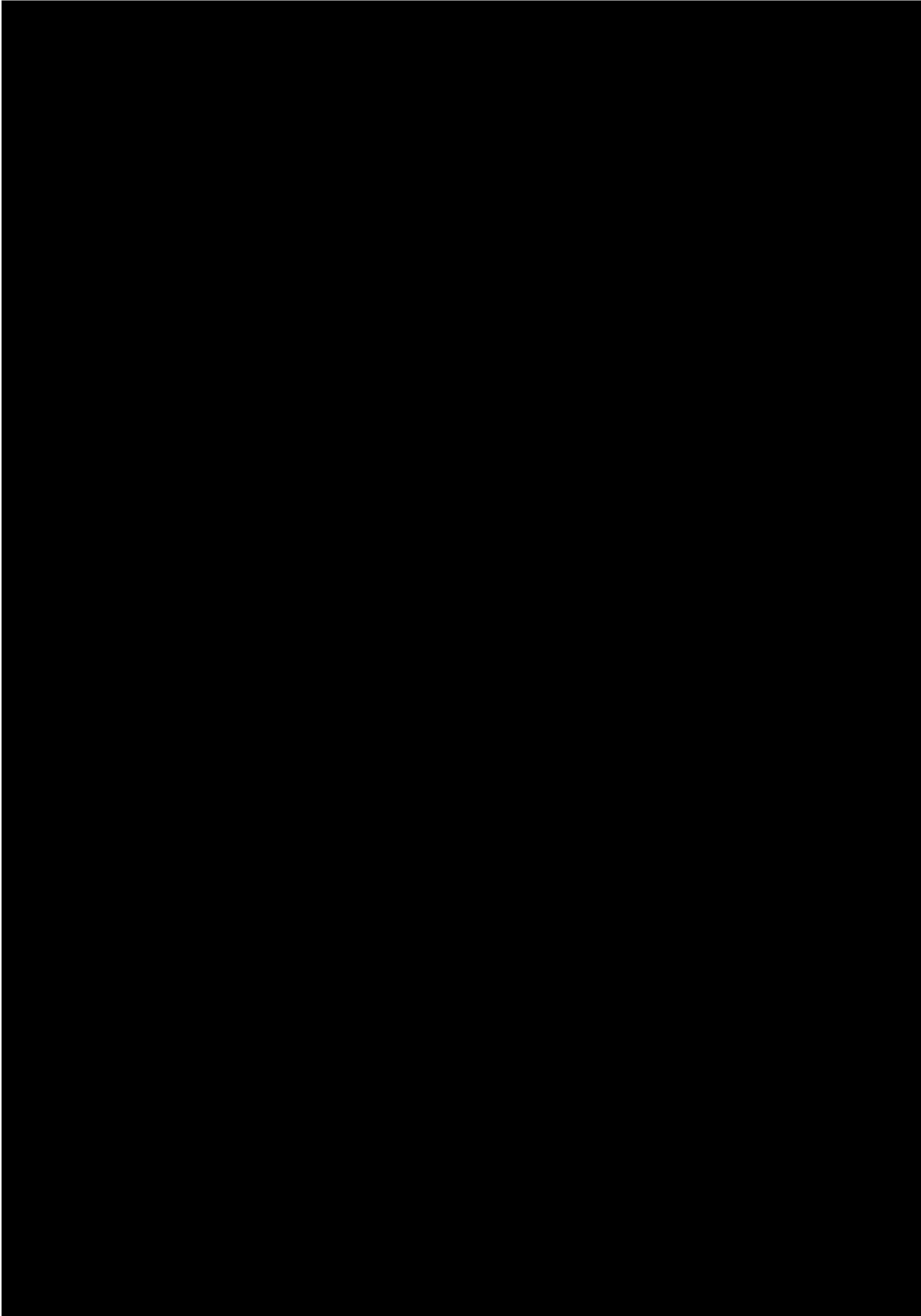
II. On weekly schedule until Marathon.

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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	
Jarrold 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	

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Appendix A



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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: (Updates in bold:)

- **Public Health - Jeff, Abhishek**
 - **203 River Street / EMS Storage Facility – Siemens scheduling camera installation (10 cameras) work to start = 4/27.** Per Jeff – will purchase appliance for River St. 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. (Hampton St. 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).
 - **Strand Theater – DoIT team met Tuesday, 4/26, to begin drafting** package proposal for cameras with wifi proposal to present to Mayor's office for funding. Goal = complete package by mid-May.
 - **ISD/1010 Mass Ave. – Site survey conducted. Camera locations and cabling requirements determined.** 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. 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.
- **85 Bragdon St. – No new update.** Next projects to be determined by Shawn/Mike. Issues on roof with exterior cameras and Shawn and Liz Rios managing solution. EOC able to 78+ video streams simultaneously now.
- **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. Server issues resolved. Upgrade scheduled for next week.** Mike managing this project.
- **Canterbury Street, 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 1010 Mass Ave - electrical complete; waiting on cabling to the roof.
- **L Street/Curley Ctr –** 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.

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- **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 Harrison and 37 cameras for Charlestown.
- **BFD – Headquarters and Fire alarm – Both locations are on BONET as core nodes. High-end workstations received and set up expected to be completed by 4/27.** Jason managing.
- **Downtown Crossing – Progress made – need status update.** Phase 1=17 new cameras, \$500K over 3 yrs; Shawn managing.
- **BPD HQ – Need status update.** 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 Ruggles; b.) cameras inside bldg.
- **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 – 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 – 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 – Need status update.** 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 – Work completed – will remove for next meeting.** 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 – No new update.** 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.

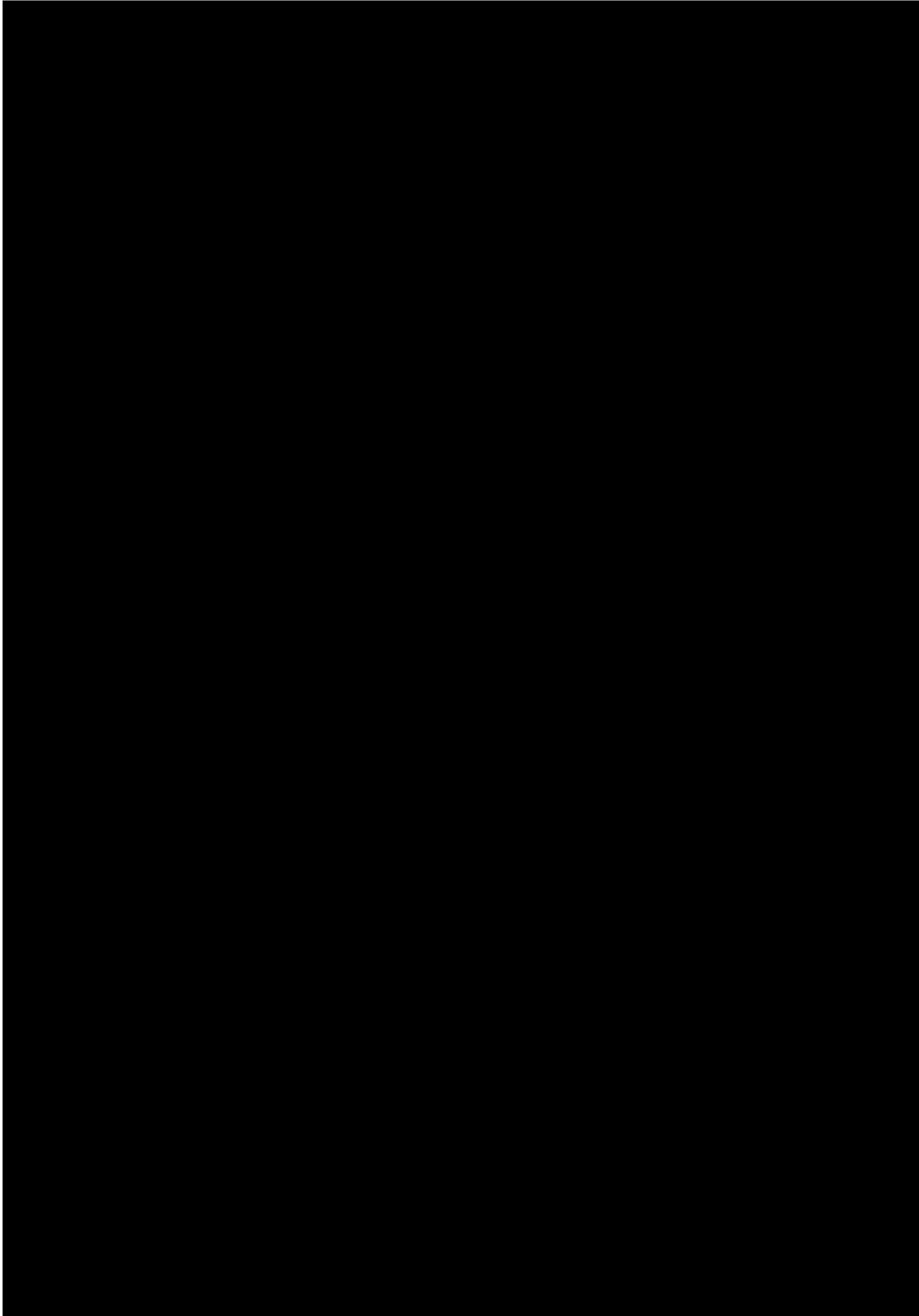
II. On bi-weekly schedule. Will meet weekly when in preparation mode for July 4th.

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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	
Jarrold 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	

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Appendix A



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: (Updates in bold:)

Public Health - Jeff, Abhishek

- **Strand Theater** – 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.
- **ISD/1010 Mass Ave. – 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.

- **85 Bragdon St.** – 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.**
- **Canterbury Street, 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.
- **L Street/Curley Ctr – 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 Harrison and 37 cameras for Charlestown. Joe (and Linda) managing this project.

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- **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
2 nd Workstations Received for Fire Alarm	~TBD	Jason (BFD)
Workstation Installations Completed	Target~	Louis (BPD)
Video Software Loaded	Target~	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 Ruggles; phase 2) cameras inside bldg.**
- **VidSys – Connecting State and City VidSys servers: No new update**
 - **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 – 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.

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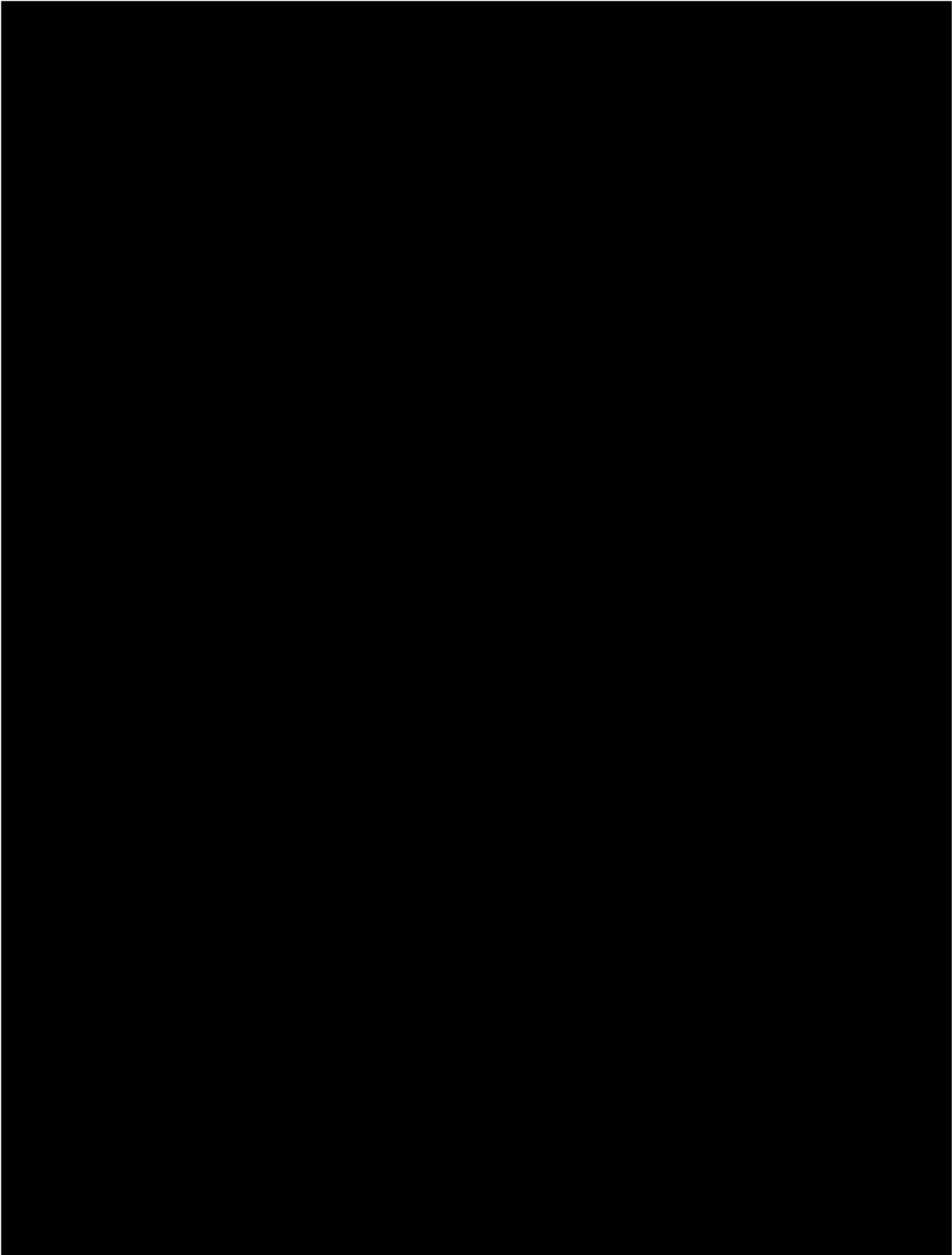
II. On bi-weekly schedule. Will meet weekly when in preparation mode for July 4th.

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	
Jarrold 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	

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Appendix A



Security Camera Strategy Status Meeting – 6/8/16

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: (Updates in bold:)

- **Public Health - Jeff, Abhishek**
 - **Strand Theater** – DoIT team continues drafting proposal package for cameras with wifi proposal to present to Mayor's office for funding.
 - **ISD/1010 Mass Ave.** – Cabling for external cameras on roof has restarted. Bid for cameras and inside cabling awarded.
- **85 Bragdon St.** – 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.
- **St. Mary's Hub, Dorchester – Relocation of BPD camera network hub to BFD Engine 21. BONET team and BPD working thru tasks.**
- **Mattapan EMS Station – Complete camera install (further details to be provided) and user account set up on workstation (location/workstation details to be provided).**
- **BCYF – 112 Paris St. 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.**
- **Canterbury Street, 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.**

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- **L Street/Curley Ctr – 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 Harrison 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 Ruggles: phase 2) cameras inside bldg.
- **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.

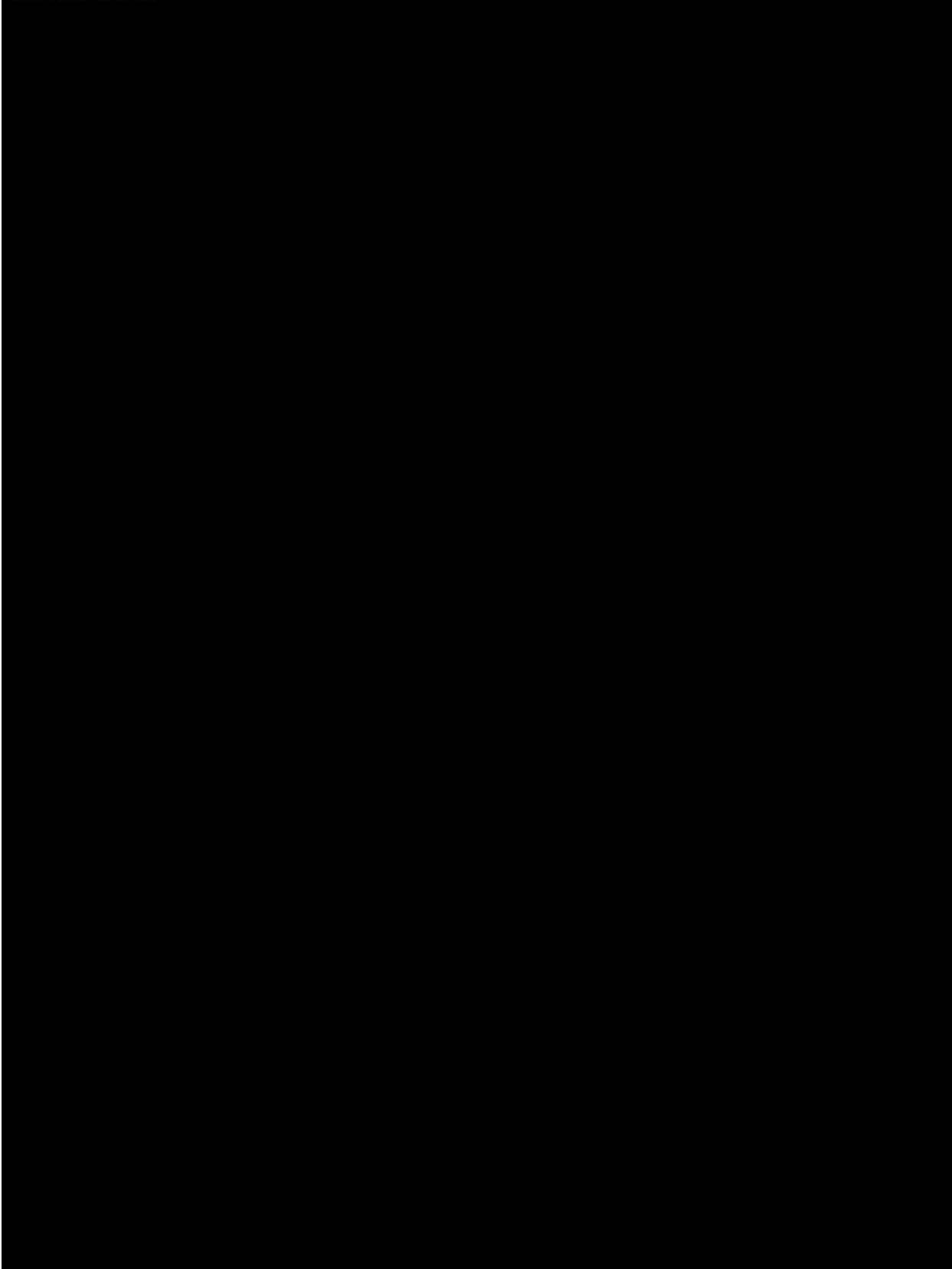
Attendees		Invited	Attended
Abhishek Khule	BPHC	X	
Brett Haynes	COB Network	X	
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	X	
Bob Slade	MPS	X	
Dan Rothman	CTO, COB	X	
Dan Keeler	BPD	X	
Conor McDavitt	Siemens	X	
Eric Johnson	LanTel	X	
Ian Thomas	VisSys	X	
Jarrold Fullerton	Genetec	X	
Jason MacDonald	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 – 6/8/16

Appendix A

Servers Core:



Security Camera Strategy Status Meeting – 7/6/16

Time: **Wednesday, 7/6/2016, 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 / 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
 - **Strand Theater** – 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 complete ~ July.
 - **BPHC-112 S. Hampton** – new cameras needed to replace existing. Siemens to assess
 - **1010 Mass Ave/Cameras** –
 - a.) order & install Ethernet extenders - **completed**
 - b.) order & install cameras (6 interior & 8 exterior) - **completed**
 - c.) complete terminations and test cameras = 7/15
- **85 Bragdon St.** – 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-Armory St. & HQ.
- **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.
- **St. Mary's Hub, Dorchester – Relocation of BPD camera network hub to BFD Engine 21** – IPs provided by BONET team; relocation in progress.
- **Canterbury Street, 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

- **L Street/Curley Ctr** – Still waiting on contract or approval to move forward. Wifi cameras have been unreliable lately and have required manual adjusting.
- **Water & Sewer – HQ-Harrison Ave (78 cameras) & Alford St (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 Ruggles: phase 2) cameras inside bldg. 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.
- **BCYF – 112 Paris St. Fiber & Cameras – BCYF currently under construction so camera project to begin ~ 8 months.** 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.
- **Court Street – New project** - proposal = 4 cameras and wiring. Project being organized.

Security Camera Strategy Status Meeting – 7/6/16

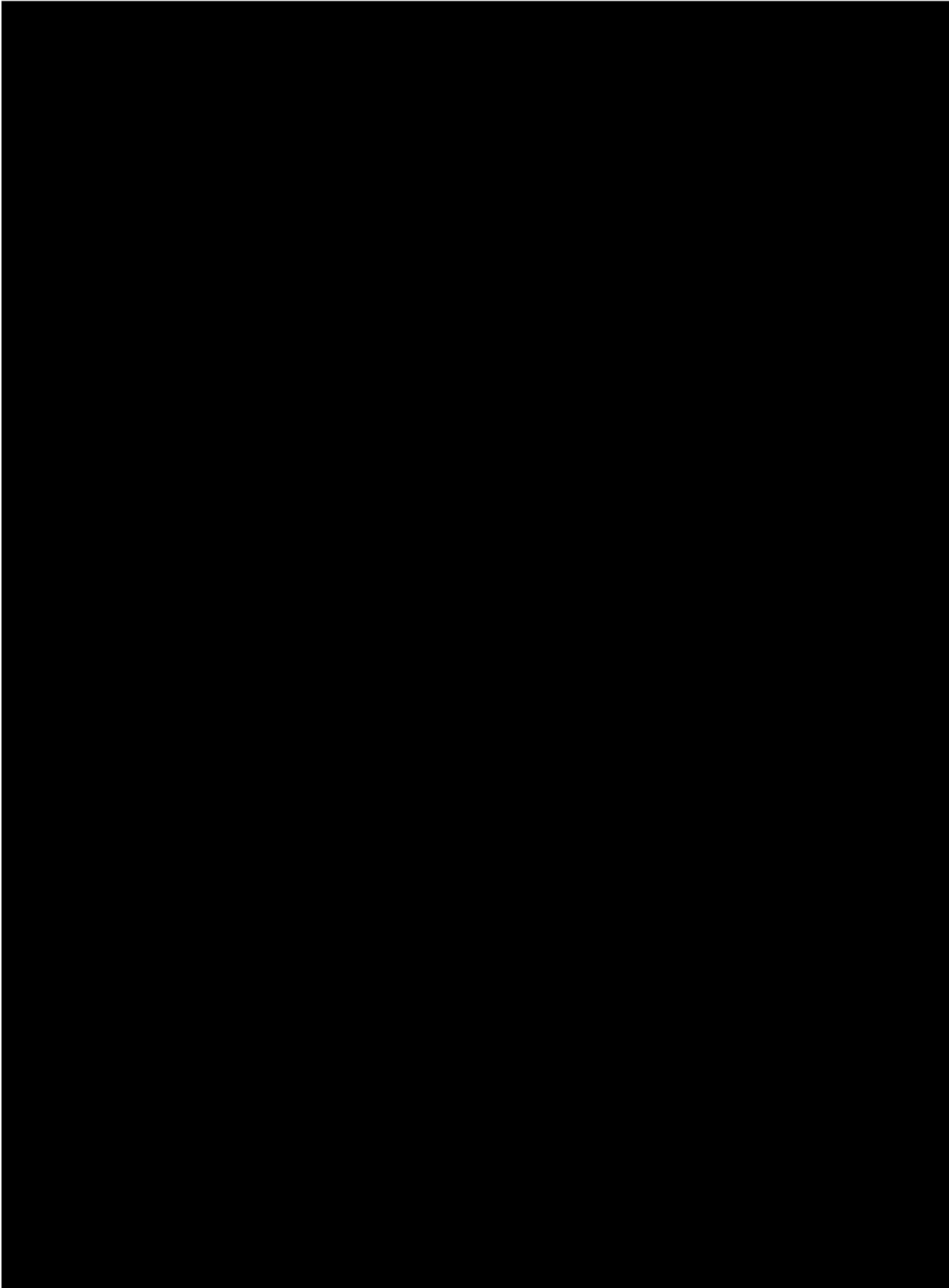
II. On bi-weekly schedule.

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	
Jarrold 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 – 7/6/16

Appendix A



Security Camera Strategy Status Meeting – 8/3/16

Time: **Wednesday, 8/3/2016, 9:00AM – 10:00AM (On monthly schedule for the summer. Next meeting = 8/31/2016)**

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: (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
 - **Strand Theater** – 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 complete ~ Aug.
 - **BPHC-112 S. Hampton – 1 camera needed maintenance. Issue addressed. Will remove on next report.**
 - **1010 Mass Ave/Cameras – project completed 7/29. Will remove on next report.**
- **85 Bragdon St. – 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-Armory St. & HQ.
- **City Hall** – BT&D and DoIT coordinating Genetec upgrade to 5.3/4 over next few weeks – Nelson/Wilson to coordinate timeline. Quote provided to BT&D. 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.
- **St. Mary's Hub, Dorchester – Relocation of BPD camera network hub to BFD Engine 21 – Relocation in progress – estimate 3-4 weeks left to complete.**
- **Canterbury Street, 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.**
- **L Street/Curley Ctr – 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

Security Camera Strategy

Status Meeting – 8/3/16

lately and have required manual adjusting.

- **Water & Sewer – HQ-Harrison Ave (78 cameras) & Alford St (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.
- **Court Street – 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 Ruggles: phase 2) cameras inside bldg. 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 – 112 Paris St. Fiber & Cameras – BCYF currently under construction so camera project to begin ~ 8 months.** Plan is to install pt-to-pt wireless connection and add 2 addtl 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	
Jarrold 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

Time: **Wednesday, 8/31/2016, 9:00AM – 10:00AM (Back to bi-weekly schedule. Next meeting = 9/14/2016)**

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: (Updates in bold:)

- **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.
- **L Street/Curley Ctr – 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 fiber 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-Armory St. & HQ.
- **City Hall** – BTM and DoIT coordinating Genetec upgrade to 5.4 over next few weeks – Nelson/Wilson to coordinate timeline. Quote provided to BTM for 40 licenses. **DoIT to set up VMs for BTM.** 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.**
- **Canterbury Street, 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-Harrison Ave (78 cameras) & Alford St (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

Security Camera Strategy

Status Meeting – 8/31/16

email has been sent to OEM requesting a status update.

- **Court Street – 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 Ruggles: phase 2) cameras inside bldg. VidSys contract needs approval and PO. Jerry recommends running extra CAT5 cable on roof for 2 cameras and wifi.
- **Strand Theater- 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 complete ~ 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 – 112 Paris St. 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.

Security Camera Strategy Status Meeting – 8/31/16

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	
Jarrold 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 – 9/14/16

Time: **Wednesday, 9/14/2016, 9:00AM – 10:00AM (Back to bi-weekly schedule. Next meeting = 9/28/2016)**

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: (Updates in bold:)

- **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.**
- **L Street/Curley Ctr – 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-Armory St. & HQ.**
- **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.**
- **Canterbury Street, 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-Harrison Ave (78 cameras) & Alford St (37 cameras) - Joe Crossen working with Siemens on this this – RFP awarded. In final stages of hiring Robt. LaGasee to manage.**
- **BFD – Headquarters and Fire alarm – Mistake with PO corrected at OEM and workstation to be shipped - Waiting on 2nd workstation.**
- **Court Street – 4 cameras and wiring – in progress – Camera installations in progress. Cameras will route through Security core hub.**

Security Camera Strategy

Status Meeting – 9/14/16

- **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 Ruggles; phase 2) cameras inside bldg. VidSys contract needs approval and PO. Jerry recommends running extra CAT5 cable on roof for 2 cameras and wifi.
- **Strand Theater- 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 – 112 Paris St. 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	
Jarrold 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: (Updates in bold:)

- **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.
- **L Street/Curley Ctr – 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-Armory St. & HQ.
- **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.
- **Canterbury Street, 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-Harrison Ave (78 cameras) & Alford St (37 cameras) - Joe Crossen working with Siemens on this – Same update - RFP awarded. In final stages of hiring Robt. LaGasee to manage.**
- **BFD – Headquarters and Fire alarm – Same update - mistake with PO corrected at OEM and workstation to be shipped -** Waiting on 2nd workstation.
- **Court Street – 4 cameras and wiring – completed.** Will remove for next week.
- **Downtown Crossing –Phase 2 projects have started.** Shawn managing.

Security Camera Strategy

Status Meeting – 9/28/16

- **BPD HQ – BPD waiting for OEM to release funds.** Approved project: phase 1) cameras outside and down towards Ruggles: phase 2) cameras inside bldg. VidSys contract needs approval and PO.
- **Strand Theater- 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 – 112 Paris St. 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 (Vewview & 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	
Jarrold 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 – 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)

Called by: Linda Calnan x2875

I. Agenda-Locations / Status Updates / Action Items

Locations: (Updates in bold:)

- **Public Health – Various ongoing projects:**
 - **BPHC/EMS – On hold per BPH – Jeff to provide IP addresses for 2 admin workstations to complete set up.** Genetec training required before enabling the multiple user logins. Louie/Nelson to conduct the training.
- **L Street/Curley Ctr – Project complete and payment rec'd.** (Fiber connectivity to BONET - Continue to wait on contract or approval to move forward.)
- **Boston Housing Authority – IPsec tunnel testing and firewall policy confirmation scheduled for 11/9 with the BONET team, IPC, BHA and Siemens/Genetec.** Strategy = IPsec tunnels between video VPN and BHA locations-Armory St. & HQ. (400+ cameras; BPD=view only access).
- **BRA/BTD – 12 Channel/12 Dry Dock – Project in progress; network being set up.** Security desk moving from 22 Dry Dock (to be demo'd) to 12 Channel. Cameras to be upgraded or moved; BONET presence to be added to 12 Dry Dock.
- **City Hall – A.) New archivers for bldg. security video storage** – DoIT set up 2 at 1 Summer and 2 at City Hall. 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.
- **Mayor's Office Mobile Access to Video** – Ongoing – Mike set up Pat Brophy's iPad and provided user training last week. Pat is pleased with the access and has requested that the Mayor's drivers/details be set up with access next.
- **Cambridge St. Guard shack – 3 new cameras being installed** for addt'l views of City Hall. Work has begun. Mike is managing.
- **Canterbury Street, 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-Harrison Ave (78 cameras) & Alford St (37 cameras) – On hold due to budget issues.** Joe Crossen is managing.

Security Camera Strategy

Status Meeting – 11/23/16

- **BFD – Headquarters and Fire alarm – 2nd workstation rec'd!** Working thru connectivity tasks.
- **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 Ruggles: phase 2) cameras inside bldg. VidSys contract needs approval and PO.
- **Strand Theater- Same update** – First draft of the proposal released for internal DoIT review.
- **VidSys – A.) Upgrading City Hall core to v7.7.1 in order to upgrade Genetec systems for City Hall and BTB = Nov-Jan timeframe**
B.) Connecting State and City VidSys servers:
 - Interconnect COB & state/ MBTA systems- completed.
 - Federate the systems together, included in MOU.
- **BCYF – 112 Paris St. 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. **New: Brett recommends working with Comcast to splice fiber in that area for connectivity to BONET. Linda to set up meeting with BCYF on this.**
- **Fiber Maps – Same update:** 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, Genetec and DVTel approved by Chief.** DoIT funded Genetec training to promote teamwork and collaboration with BPD. Genetec training = 11/15-11/16. Linda working with Louie on setting up VidSys training next.

Security Camera Strategy Status Meeting – 11/23/16

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	
Jarrold 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 – 11/9/16

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

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: (Updates in bold:)

- **Public Health – Various ongoing projects:**
 - **BPHC/EMS – On hold per BPH – Jeff to provide IP addresses for 2 admin workstations to complete set up.** Genetec training required before enabling the multiple user logins. Louie/Nelson to conduct the training.
- **L Street/Curley Ctr – Project complete and payment rec'd.** (Fiber connectivity to BONET - Continue to wait on contract or approval to move forward.)
- **Boston Housing Authority – IPsec tunnel testing and firewall policy confirmation scheduled for 11/9 with the BONET team, IPC, BHA and Siemens/Genetec.** Strategy = IPsec tunnels between video VPN and BHA locations-Armory St. & HQ. (400+ cameras; BPD=view only access).
- **BRA/BTD – 12 Channel/12 Dry Dock – Project in progress; network being set up.** Security desk moving from 22 Dry Dock (to be demo'd) to 12 Channel. Cameras to be upgraded or moved; BONET presence to be added to 12 Dry Dock.
- **City Hall – A.) New archivers for bldg. security video storage** – DoIT set up 2 at 1 Summer and 2 at City Hall. 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.
- **Mayor's Office Mobile Access to Video** – Ongoing – Mike set up Pat Brophy's iPad and provided user training last week. Pat is pleased with the access and has requested that the Mayor's drivers/details be set up with access next.
- **Cambridge St. Guard shack – 3 new cameras being installed** for addt'l views of City Hall. Work has begun. Mike is managing.
- **Canterbury Street, 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-Harrison Ave (78 cameras) & Alford St (37 cameras) – On hold due to budget issues.** Joe Crossen is managing.

Security Camera Strategy

Status Meeting – 11/9/16

- **BFD – Headquarters and Fire alarm – 2nd workstation rec'd!** Working thru connectivity tasks.
- **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 Ruggles: phase 2) cameras inside bldg. VidSys contract needs approval and PO.
- **Strand Theater- Same update** – First draft of the proposal released for internal DoIT review.
- **VidSys – A.) Upgrading City Hall core to v7.7.1 in order to upgrade Genetec systems for City Hall and BTB = Nov-Jan timeframe**
B.) Connecting State and City VidSys servers:
 - Interconnect COB & state/ MBTA systems- completed.
 - Federate the systems together, included in MOU.
- **BCYF – 112 Paris St. 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. **New: Brett recommends working with Comcast to splice fiber in that area for connectivity to BONET. Linda to set up meeting with BCYF on this.**
- **Fiber Maps – Same update:** 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, Genetec and DVTel approved by Chief.** DoIT funded Genetec training to promote teamwork and collaboration with BPD. Genetec training = 11/15-11/16. Linda working with Louie on setting up VidSys training next.

Security Camera Strategy Status Meeting – 11/9/16

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	
Jarrold 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 – 12/7/16

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: (Updates in bold:)

- **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 – 12 Channel/12 Dry Dock - 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.)** 22 Dry Dock security desk moving to 12 Channel 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
- **Cambridge St. 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.
- **Strand Theater-** 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.**
- **L Street/Curley Ctr - Planning to federate cameras in to camera network for BPD, BFD and security to**

Security Camera Strategy

Status Meeting – 12/7/16

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.)

- **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.
- **Canterbury Street, 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-Harrison Ave (78 cameras) & Alford St (37 cameras) – On Hold - due to budget issues.** Joe Crossen is managing.
- **BCYF – 112 Paris St. 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	VisSys	X	
Jarrold 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 – 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: (**Updates in bold:**)

- **Public Health – Same update:**
 - **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 – 12 Channel/12 Dry Dock – 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 22 Dry Dock moving to 12 Channel – 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 required, then will incorporate in new video VMs – ongoing for this week.**
 - **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.
- **Strand Theater-** 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.**
- **L Street/Curley Ctr - 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.
- **Cambridge St. Guard shack – On Hold** - due to contract negotiations. **New cameras to be installed** for add'l views of City Hall. Mike is managing.
- **Canterbury Street, 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-Harrison Ave (78 cameras) & Alford St (37 cameras) – On Hold** - due to budget issues. Joe Crossen is managing.
- **BCYF – 112 Paris St. 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 – 12/21/16

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	
Jarrold 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 – 1/18/17

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: (Updates in bold:)

- **Public Health – Same update:**
 - **BPHC/EMS – 1 workstation requires re-configuring. Louie to resolve this issue and conduct the training – goal= Jan2017 (based on schedules).**
 - 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 – 12 Channel/12 Dry Dock – 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 22 Dry Dock moving to 12 Channel – 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 Summer = next week. Once complete, will incorporate in new video VMs.
 - **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.
- **Strand Theater-** 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.
- **L Street/Curley Ctr - Camera Federation to City Hall Core System** - DoIT to pay for federation of cameras in

Security Camera Strategy

Status Meeting – 1/18/17

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.
- **Cambridge St. Guard shack** – **On Hold** - due to contract negotiations. **New cameras to be installed** for add'l views of City Hall. Mike is managing.
- **Canterbury Street, 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-Harrison Ave (78 cameras) & Alford St (37 cameras)** – **On Hold** - due to budget issues. Joe Crossen is managing.
- **BCYF – 112 Paris St. 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

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	
Jarrold 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: (Updates in bold:)

- **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 - expected completion = 2/3.** (400+ cameras; BPD=view only access).
- **BRA/BTD – 12 Channel/12 Dry Dock – 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-Summer 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.
- **Strand Theater-** 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.
- **L Street/Curley Ctr - 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.

Security Camera Strategy

Status Meeting – 2/1/17

- **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.
- **Cambridge St. Guard Shack – On Hold - due to contract negotiations. New cameras to be installed** for add'l views of City Hall. Mike is managing.
- **Canterbury Street, 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-Harrison Ave (78 cameras) & Alford St (37 cameras) – On Hold - due to budget issues.** Joe Crossen is managing.
- **BCYF – 112 Paris St. 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.

Security Camera Strategy Status Meeting – 2/1/17

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	
Jarrold 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 – 3/1/17

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: (Updates in bold:)

- **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:**
 - **Sail Boston - Ready date = 6/10; events start 6/12:**
 - Ø BoNet team, BPD, BFD, BRA, OEM conducted add'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. (BPD to handle cabling from 2nd floor to 3rd floor, per Shawn.)
 - Ø 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.
 - Security desk at 22 Dry Dock moving to 12 Channel – delayed per John O'Brien (waiting on new date). Tracking this due to camera moves involved.
- **City Hall Core System & Municipal Security System:**
 - **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**
 - **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.**
- **Strand Theater- 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.

Security Camera Strategy

Status Meeting – 3/1/17

- **L Street/Curley Ctr 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.
- **Cambridge St. Guard shack – On Hold -** due to contract negotiations. New cameras to be installed for add'l views of City Hall. Mike is managing.
- **Canterbury Street, 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-Harrison Ave (78 cameras) & Alford St (37 cameras) – On Hold - due to budget issues.** Joe Crossen is managing.
- **BCYF – 112 Paris St. 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 – 3/1/17

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	
Jarrold 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 – 3/15/17

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: (Updates in bold:)

- **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)
- **22 Dry Dock:**
 - **Sail Boston - Ready date = 6/1; events start 6/12:**
 - Ø 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.
 - Ø DoIT& BPDA to follow up with access to I&D Bldg outward facing cameras.
 - Security desk at 22 Dry Dock moving to 12 Channel – 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.**
- **Strand Theater- 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

Security Camera Strategy

Status Meeting – 3/15/17

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.
- **Cambridge St. Guard shack – On Hold** - due to contract negotiations. New cameras to be installed for add'l views of City Hall. Mike is managing.
- **Canterbury Street, 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-Harrison Ave (78 cameras) & Alford St (37 cameras) – On Hold** - due to budget issues. Joe Crossen is managing.
- **BCYF – 112 Paris St. 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.

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	
Jarrold 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	
Jarrold 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**
 - 203 River Street / 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.
 - Strand Theater – Siemens requested site survey for placement of 12 cameras + 360 degree camera – site contact needed. Linda to pursue.
 - ISD/1010 Mass Ave. – No new update – Waiting on Leon Graves, legal, and Joe Callahan, funding.
- **City Hall 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.
- **85 Bragdon St. – 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.)
- **Canterbury Street, 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 1010 Mass Ave; waiting for electrical connectivity for cabling to the roof.

Security Camera Strategy Status Meeting 3/2/16

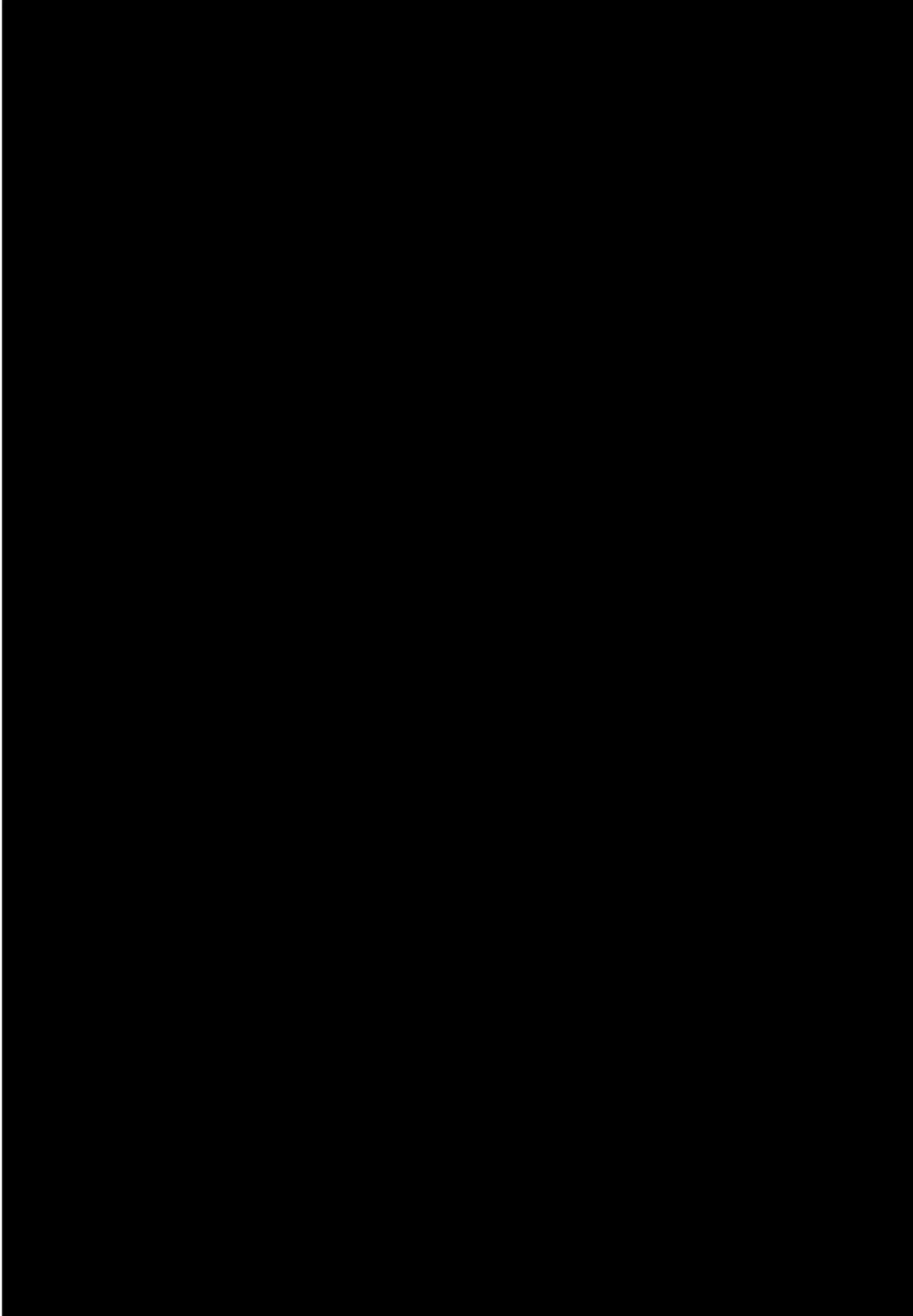
- **L Street/Curley Ctr – Set up 2 cameras on a temp basis via Wifi. Solution & funding needed for LT solution.**
- **Faneuil Hall – Ancient & Honorable – Faneuil Hall will handle the funding for this.** Mike and Rich conducted a site survey on 1/25 for using existing 4 cameras and cabling needs. Quote 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 Harrison 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 & Ruggles) Security Initiatives – Phase 1 approved, Phase 2 in OEM.** 2 projects: a.) cameras outside and down towards Ruggles; b.) cameras inside bldg.
- **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)**

Security Camera Strategy
Status Meeting
3/2/16

Appendix A

Servers Core:



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	X
Brett Haynes	COB Network	X	X
Brian Barcelou	BPD, Network	X	
Brian Henry	MBTA	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
Jarrold Fullerton	Genetec	X	X
Jason MacDonald	BFD	X	X
Jeff Beers	BPHC	X	
Jeff Wagner	VidSys	X	
Jerry Turner	COB Network	X	X
Jim Fitzpatrick	BPD, Network	X	
John Grennen	LanTel	X	
Larry Louis	COB	X	X
Louis Madeira	BPD	X	
Matt Fabian	Genetec	X	
Mike Driscoll	DVTel	X	
Mike Flaherty	COB	X	X
Mike Kane	OEM	X	X
Nelson Vasconcelos	Siemens	X	
Rich Reidy	Siemens	X	
Shawn Romanoski	BPD	X	X
Tom Deloriea	Isilon	X	
Vinny Stancato	LanTel	X	X
William Joyce	MPS	X	X
Wilson Aleman	BTD	X	X
Zebedeo Pena	Genetec	X	

Security Camera Strategy

Status Meeting

3/2/16

I. Agenda-Locations / Meeting Notes / Action Items

NOTE: Next meeting = Mar 16th

Locations: (Updates in blue:)

- **Public Health - Jeff, Abhishek**
 - **203 River Street / EMS Storage Facility –VPN tunnel troubleshooting conducted Fri, 3/4, unsuccessful - pings are still seen one way only from City Hall to River St. Abhishek to contact Comcast (telco) and Cisco (config) for assistance. Per Siemens, there are 15 concurrent licenses on the Genetec Core system. Abhishek to determine if more are needed for BPHC. Dan's team to monitor the number of concurrent licenses to make sure there is enough for all. Linda sent email to Abhishek regarding Video access IP strategy for consideration.**
 - **Strand Theater – Siemens to conduct site survey for placement of 12 cameras + 360 degree camera with Mike Flaherty.**
 - **ISD/1010 Mass Ave. – No new update –** Waiting on Leon Graves, legal, and Joe Callahan, funding.
- **City Hall 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 = 3/9, 9:30-11:00 at OEM – Invitation sent out.** Setting up connectivity for analytics at 3rd floor BPD HQ. Lincoln Labs to supply five (5) videos for analytics development.
- **85 Bragdon St. – 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.)
- **Canterbury Street, 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 1010 Mass Ave; waiting on electrical connectivity for cabling to the roof.

Security Camera Strategy

Status Meeting

3/2/16

- **L Street/Curley Ctr – 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 – Ancient & Honorable – 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 Harrison 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 & Ruggles) Security Initiatives – Shawn to provide update. Phase 1 approved, Phase 2 in OEM. 2 projects: a.) cameras outside and down towards Ruggles; b.) cameras inside bldg.**
- **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 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. Next Meeting: March 16th, 2016 - 9:00-10:00AM,
City Hall Room 115
Conference Bridge: 1-866-715-6967 / Passcode: 4466461
(Host Code: 7860059)**

Security Camera Strategy
Status Meeting
3/2/16

Appendix A

