From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Friday, February 26, 2016 12:35 PM EST
To: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
CC: Vincent Stancato <Vincent Stancato <vpstancato@gmail.com>>
Subject: Re: Licenses

Received we wil stand down

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Feb 26, 2016, at 12:09 PM, Andrew Murphy <andrew.murphy@boston.gov> wrote:

> Hi Eric. We'll just go directly with Vidsys on this one. Initially I thought we could just have it added to our monthly maintenance but I was told we should submit a separate PO. I'll keep you posted. Thanks.
>
> Andrew
>
> ---
>
> **Andrew Murphy**
> **Regional Planner**
>
> **Office of Emergency Management (OEM)**
> Boston City Hall, Room 204 | Boston, MA 02201
> Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov
>
>
>
> On Wed, Feb 24, 2016 at 3:46 PM, Eric Johnson<ejohnson@lan-tel.com> wrote:
>
> > Andrew:
> >
> > I just wanted to double check, and make sure that OEM was purchasing the VidSys licenses directly from VidSys. I just didn't want this to fall through the cracks. Inly since Vidsys can contract directly through City of Boston.
> >
> > ---
> >
> > **From:** Andrew Murphy <andrew.murphy@boston.gov>
> > **Sent:** Thursday, February 18, 2016 8:41 AM
> > **To:** Vincent Stancato
> > **Cc:** ithomas@vidsys.com; Eric Johnson
> > **Subject:** Re: Licenses
> >
> > Thanks so much Vin. This is a request from the Commissioner of Boston Fire so anything we can do to expedite would be greatly appreciated.
> >
> > Andrew
> >
> > ---

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

On Thu, Feb 18, 2016 at 8:40 AM, Vincent Stancato<vpstancato@gmail.com> wrote:

> Ian I have been reached out to by Andrew Murphy who works for Office of Emergency Management (OEM).
>
> OEM is inquiring about the cost of purchasing 2 licenses for the Boston Fire Department. BFD wants access to all of the camera systems within the city of Boston.
> Could you get a proposal together for the cost of these 2 licenses and respond to Andrew & Eric, both have been cc'd on this email.
>
> Thank you
> Vin Stancato
>
> Sent from my iPhone

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, March 01, 2016 3:01 PM EST
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; richard.reidy@siemens.com <richard.reidy@siemens.com>; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Alexandros Pelekanakis <Alexandros Pelekanakis <apelekanakis@genetec.com>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; jfullerton@genetec.com <jfullerton@genetec.com>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vincent.stancato@pd.boston.gov>>; jwagner@vidsys.com <jwagner@vidsys.com>; zpena@genetec.com <zpena@genetec.com>; bhenry@mbta.com <bhenry@mbta.com>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Abhishek Khule <Abhishek Khule <akhule@bphc.org>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Daniel Keeler <Daniel Keeler <daniel.keeler@pd.boston.gov>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter.clifford@boston.gov <Peter.clifford@boston.gov>; Louis.Medeira@pd.boston.gov <Louis.Medeira@pd.boston.gov>
Subject: Security Camera Strategy Meeting Status Report
Attachment(s): "Security Camera Strategy Meeting for 3-2 with 2-17 Notes.docx"

Attached is the Security Camera Strategy Meeting Status Report for tomorrow's meeting.

Linda Calnan
Sr. Project Manager
Department of Innovation & Technology, City of Boston
1 City Hall Square, Room 109
Boston, MA 02201
617-635-2875
linda.calnan@boston.gov

From: Andrew Murphy <andrew.murphy@boston.gov>
Sent: Wednesday, March 02, 2016 3:14 PM EST
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
CC: Shawn Romanoski <Shawn Romanoski <shawn.romanoski@pd.boston.gov>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Vin Stancato <Vin Stancato <vstancato@lan-tel.com>>; John Cunniffe <John Cunniffe <john.cunniffe@pd.boston.gov>>; Richard Perito <Richard Perito <richard.perito@boston.gov>>
Subject: Re: Specs for Bragdon Video
Attachment(s): "Quote21003.pdf"

Hi Shawn. I'm wondering if you absolutely need a Mac. They are significantly more expensive. Take a look at the attached quote from HiQ for a Lenovo machine I'm told is much more powerful than the Mac option. Plus we wouldn't need the Windows or Vmware with the PC (Windows included in purchase) and wouldn't have a learning curve with the typical users of the machine at the EOC who are accustomed to a PC. If you give the ok I'll begin moving the money around to procure. Thanks.

Andrew

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

On Wed, Feb 24, 2016 at 9:52 AM, Michael Kane<michael.kane@boston.gov> wrote:

> Much appreciated Shawn. We will work up the quote and acquire. See you at the Indy Meeting at 1pm.
>
> On Wed, Feb 24, 2016 at 9:49 AM, Shawn Romanoski<shawn.romanoski@pd.boston.gov> wrote:
>
> > Mike,
> >
> > Attached are the specification for the new machine at Bragdon.
> >
> > Let me know if you need additional information.
> >
> > Bragdon Video Specs
> >
> > **Mac Pro**
> >
> > - 3.5GHz 6-core with 12MB of L3 cache
> > - 32GB (4x8GB) of 1866MHz DDR3 ECC
> > - 512GB PCIe-based flash storage
> > - Dual AMD FirePro D700 GPUs with 6GB of GDDR5 VRAM each
> > - Apple Mouse
> > - Apple Keyboard with Numeric Keypad - English (USA)
> >
> > QTY 2 Apple Thunderbolt Display (27-inch)
> >
> > QTY 1 VMware Fusion License
> >
> > QTY 1 Microsoft Windows 10 PRO license

Shawn Romanoski

Director of Telecommunications

Boston Police Dept.

Cell: (617) 594-2994

--
Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, March 02, 2016 11:08 PM EST
To: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
Subject: Phase 1 update
Attachment(s): "BPD Phase 1 upgrade completed.docx","BPD Phase 1 upgrade completed.docx","Phase II to be completed.docx"

Andrew
Here is the latest update .

We have installed the first list . I will be ordering equipment once I receive next PO. We will also be completing BONET connections at B-3 and 1875 Dorchester Ave prior to installing cameras.

Thanks
Eric

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Friday, March 04, 2016 8:09 PM EST
To: DVTEL Cameras <DVTEL Cameras <dvtel-cameras@pd.boston.gov>>; Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
Subject: Cameras down

Cameras are down at Columbia and Dudley area . St Margaret's hub is the point of failure . We are monitoring .

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

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Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

From: Andrew Murphy <andrew.murphy@boston.gov>
Sent: Monday, March 07, 2016 9:41 AM EST
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: Phase 1 update

Thanks so much Eric. So phase 1 is now complete? Can you send me the invoice when possible. Unfortunately we can't issue POs for phases 2 and 3 until the State contract situation is worked out. We need to reserve what's left on our current contract for the monthly maintenance and monitoring of CIMS. Thanks again.

Andrew

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

On Wed, Mar 2, 2016 at 11:08 PM, Eric Johnson<ejohnson@lan-tel.com> wrote:

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> We have installed the first list . I will be ordering equipment once I receive next PO. We will also be completing BONET connections at B-3 and 1875 Dorchester Ave prior to installing cameras.
>
> Thanks
>
> Eric

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, March 07, 2016 9:44 AM EST
To: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>; Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>
Subject: Re: Phase 1 update

Ok I will send invoice for Phase 1 and I have included Kate on this email for the state contract issue . Maybe we could call you to clarify what status is currently and any more criteria you need from Lan Tel ?
Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
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Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Mar 7, 2016, at 9:42 AM, Andrew Murphy <andrew.murphy@boston.gov> wrote:

> Thanks so much Eric. So phase 1 is now complete? Can you send me the invoice when possible. Unfortunately we can't issue POs for phases 2 and 3 until the State contract situation is worked out. We need to reserve what's left on our current contract for the monthly maintenance and monitoring of CIMS. Thanks again.
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> >
> > Thanks
> >
> > Eric

From: Andrew Murphy <andrew.murphy@boston.gov>
Sent: Monday, March 07, 2016 9:48 AM EST
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>
Subject: Re: Phase 1 update

Thanks for the quick response Eric. Unfortunately there's not a lot I can do on my end about the State contract. At this point it's up to the State as to when it will be renewed (expires 5/31/16).

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
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Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

On Mon, Mar 7, 2016 at 9:44 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:

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Thanks

Eric

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, March 07, 2016 9:51 AM EST
To: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>
Subject: Re: Phase 1 update

Ok we will make some calls

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
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> Thanks
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> Eric

From: Andrew Murphy <andrew.murphy@boston.gov>
Sent: Monday, March 07, 2016 10:21 AM EST
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>
Subject: Re: Phase 1 update
Attachment(s): "Certificate_of_Authority_-_Form_CM-06.pdf","standard_contract_amend_cm12.pdf"

Hi Kate. I've exchanged emails with Steve Lyons and he said he hasn't started the renewal process yet but plans to this week. What I'm going to try to do is push a contract amendment through our Legal Dept and see if it works. If you could complete the attached documents and mail the hard copies back to me I'll try and push this through. Thanks.

Andrew

Andrew Murphy
Regional Planner

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From: Kate Waldron <kwaldron@lan-tel.com>
Sent: Monday, March 07, 2016 10:48 AM EST
To: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
Subject: RE: Phase 1 update

Talk about timing. As you two were emailing back and forth on this issue, I was on the phone with Steve Lyons (FAC64 procurement manager) on a different matter and he gave me an update on the renewal process. He will be sending out the renewal documents this week, and confirmed that they are renewing existing contractors (as opposed opening up a whole new RFP process). He is getting an early start on the paperwork, but I believe the intent is that the renewal date will coincide with the expiration date of the existing contract.

This is very good news that they are renewing, rather than beginning a whole new RFP process.

Andrew, Joe Bodio is out of the office for the day and I need him to sign the forms. They should go out in tomorrow's mail . I will email you a copy as well as soon as they are ready.

Thanks!

Kate
From: Andrew Murphy [mailto:andrew.murphy@boston.gov]
Sent: Monday, March 07, 2016 10:21 AM
To: Eric Johnson <ejohnson@Lan-Tel.com>
Cc: Kate Waldron <kwaldron@lan-tel.com>
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> > > We have installed the first list . I will be ordering equipment once I receive next PO. We will also be completing BONET connections at B-3 and 1875 Dorchester Ave prior to installing cameras.

Thanks

Eric

From: Kate Waldron <kwaldron@lan-tel.com>
Sent: Tuesday, March 08, 2016 8:26 AM EST
To: Andrew Murphy (andrew.murphy@boston.gov) < Andrew Murphy (andrew.murphy@boston.gov) <andrew.murphy@boston.gov>>
Subject: Signed contract and request for mailing address verification
Attachment(s): "DOC030816.pdf"

Hi Andrew -- I will put the originals in the mail this morning. Can you verify where I should send them? It seems to always take weeks to get to you whenever I mail you something.

Thanks,

Kate

-----Original Message-----
From: Toshiba color copier [mailto:scanner@lan-tel.com]
Sent: Tuesday, March 08, 2016 8:19 AM
To: Kate Waldron <kwaldron@lan-tel.com>
Subject: Send data from MFP11452434 [SCAN TO_Kate] 03/08/2016 08:18

Scanned from MFP11452434
PUBLIC TEMPLATE GROUP
SCAN TO_Kate
Date:03/08/2016 08:18
Pages:2
Resolution:300x300 DPI

From: Andrew Murphy <andrew.murphy@boston.gov>
Sent: Tuesday, March 08, 2016 8:28 AM EST
To: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>
Subject: Re: Signed contract and request for mailing address verification

Hi Kate. You can send them to me at:

Office of Emergency Management
1 City Hall Square, Room 204
Boston, MA 02201

Thanks.

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

On Tue, Mar 8, 2016 at 8:26 AM, Kate Waldron<kwaldron@lan-tel.com> wrote:

> Hi Andrew -- I will put the originals in the mail this morning. Can you verify where I should send them? It seems to always take weeks to get to you whenever I mail you something.
>
> Thanks,
>
> Kate
>
> -----Original Message-----
> From: Toshiba color copier [mailto:scanner@lan-tel.com]
> Sent: Tuesday, March 08, 2016 8:19 AM
> To: Kate Waldron <kwaldron@lan-tel.com>
> Subject: Send data from MFP11452434 [SCAN TO_Kate] 03/08/2016 08:18
>
> Scanned from MFP11452434
> PUBLIC TEMPLATE GROUP
> SCAN TO_Kate
> Date:03/08/2016 08:18
> Pages:2
> Resolution:300x300 DPI
> ----------

From: Andrew Murphy <andrew.murphy@boston.gov>
Sent: Tuesday, March 08, 2016 9:00 AM EST
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
CC: Shawn Romanoski <Shawn Romanoski <shawn.romanoski@pd.boston.gov>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Vin Stancato <Vin Stancato <vstancato@lan-tel.com>>; John Cunniffe <John Cunniffe <john.cunniffe@pd.boston.gov>>; Richard Perito <Richard Perito <richard.perito@boston.gov>>
Subject: Re: Specs for Bragdon Video

Hi Shawn. Just checking on the specs for the EOC computer. See below. Thanks.

Andrew

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

On Wed, Mar 2, 2016 at 3:14 PM, Andrew Murphy<andrew.murphy@boston.gov> wrote:

> Hi Shawn. I'm wondering if you absolutely need a Mac. They are significantly more expensive. Take a look at the attached quote from HiQ for a Lenovo machine I'm told is much more powerful than the Mac option. Plus we wouldn't need the Windows or Vmware with the PC (Windows included in purchase) and wouldn't have a learning curve with the typical users of the machine at the EOC who are accustomed to a PC. If you give the ok I'll begin moving the money around to procure. Thanks.
>
> Andrew
>
>
> **Andrew Murphy**
> **Regional Planner**
>
> **Office of Emergency Management (OEM)**
> Boston City Hall, Room 204 | Boston, MA 02201
> Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov
>
>
> On Wed, Feb 24, 2016 at 9:52 AM, Michael Kane<michael.kane@boston.gov> wrote:
>
> > Much appreciated Shawn. We will work up the quote and acquire. See you at the Indy Meeting at 1pm.
> >
> > On Wed, Feb 24, 2016 at 9:49 AM, Shawn Romanoski<shawn.romanoski@pd.boston.gov> wrote:
> >
> > > Mike,
> > >
> > > Attached are the specification for the new machine at Bragdon.
> > >
> > > Let me know if you need additional information.

Bragdon Video Specs

Mac Pro

- 3.5GHz 6-core with 12MB of L3 cache
- 32GB (4x8GB) of 1866MHz DDR3 ECC
- 512GB PCIe-based flash storage
- Dual AMD FirePro D700 GPUs with 6GB of GDDR5 VRAM each
- Apple Mouse
- Apple Keyboard with Numeric Keypad - English (USA)

QTY 2 Apple Thunderbolt Display (27-inch)

QTY 1 VMware Fusion License

QTY 1 Microsoft Windows 10 PRO license

Shawn Romanoski

Director of Telecommunications

Boston Police Dept.

Cell: (617) 594-2994

--
Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, March 08, 2016 9:17 AM EST
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; jwagner@vidsys.com <jwagner@vidsys.com>; zpena@genetec.com <zpena@genetec.com>; bhenry@mbta.com <bhenry@mbta.com>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Abhishek Khule <Abhishek Khule <akhule@bphc.org>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Daniel Keeler <Daniel Keeler <daniel.keeler@pd.boston.gov>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis.Medeira@pd.boston.gov <Louis.Medeira@pd.boston.gov>
Subject: Security Camera Strategy Meeting Notes (from 3/2 Meeting)
Attachment(s): "Security Camera Strategy Meeting Notes_3-2-16.docx"

Attached are the updates and action items from our meeting last Wednesday. Our next meeting is 3/16.

Let me know if there are any questions/comments.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Andrew Murphy <andrew.murphy@boston.gov>
Sent: Monday, March 14, 2016 11:56 AM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: Phase 1 update

Hi Eric. Just checking on this invoice. Thanks so much.

Andrew

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

On Mon, Mar 7, 2016 at 9:44 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:

> Ok I will send invoice for Phase 1 and I have included Kate on this email for the state contract issue . Maybe we could call you to clarify what status is currently and any more criteria you need from Lan Tel ?
> Respectfully ,
>
> Eric Johnson
> Project Manager
> Lan-Tel Communications
> 1400 Providence Highway, Suite 2000
> Norwood, MA 02062
>
> Cell: 617-413-2148
> Phone: 781-352-4656
> Fax: 781-551-8667
>
> ejohnson@lan-tel.com
> www.lan-tel.com
>
> On Mar 7, 2016, at 9:42 AM, Andrew Murphy <andrew.murphy@boston.gov> wrote:
>
> > Thanks so much Eric. So phase 1 is now complete? Can you send me the invoice when possible. Unfortunately we can't issue POs for phases 2 and 3 until the State contract situation is worked out. We need to reserve what's left on our current contract for the monthly maintenance and monitoring of CIMS. Thanks again.
> >
> > Andrew
> >
> > ---
> >
> > **Andrew Murphy**
> > **Regional Planner**
> >
> > **Office of Emergency Management (OEM)**
> > Boston City Hall, Room 204 | Boston, MA 02201
> > Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov
> >
> >
> >
> > On Wed, Mar 2, 2016 at 11:08 PM, Eric Johnson<ejohnson@lan-tel.com> wrote:
> >
> > > Andrew
> > >
> > > Here is the latest update .

We have installed the first list . I will be ordering equipment once I receive next PO. We will also be completing BONET connections at B-3 and 1875 Dorchester Ave prior to installing cameras.

Thanks

Eric

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, March 14, 2016 12:11 PM EDT
To: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>; Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>
Subject: Invoice

Andrew :
I will find out status.

Eric

From: Michael Kane <michael.kane@boston.gov>
Sent: Monday, March 14, 2016 1:36 PM EDT
To: Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Linda Calnan <Linda Calnan <linda.calnan@boston.gov>>
CC: Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Vin Stancato <Vin Stancato <vstancato@lan-tel.com>>
Subject: Mike Kane: Internet Explorer 11 Upgrade and Vidsys / DVTEL / Gentech

Hi Shawn and Linda,

With the upcoming browser upgrades to IE 11 citywide on 3/21/16 should we expect any issues with our current video application packages in place?

I was talking to my director and she said the last time we upgraded it caused degradation across the system.

Can we bring this up and get a clear answer on Wednesday.

Mike

--
Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Michael Kane <michael.kane@boston.gov>
Sent: Monday, March 14, 2016 1:37 PM EDT
To: Vin Stancato <Vin Stancato <vstancato@lan-tel.com>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
CC: Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Richard Perito <Richard Perito <richard.perito@boston.gov>>
Subject: Mike KAne: FYI Internet Explorer End Of Life Update at City of Boston

Will this effect any of our CIMS systems?
---------- Forwarded message ----------
From: **Broadcast** <broadcast@cityofboston.gov>
Date: Tue, Mar 8, 2016 at 1:39 PM
Subject: Internet Explorer End Of Life Update:
To:

DoIT will be switching over to Internet Explorer 11 as of Monday 3/14/16 and the rest of the departments citywide IE older versions will also be upgraded to Internet Explorer 11 starting on Monday 3/21/16 if they have not already done so.

This is a requirement due to the fact that Microsoft has ended support for users of Internet Explorer 8, 9, and 10, which means that any older versions of IE is no longer receiving any security updates/patches or technical support, thus making anyone who uses the older versions of IE as a security risk.

We have found that IE11 in "enterprise mode" will continue to work for most applications. If you do have any issues you will need to update your software to a supported version.

DoIT thanks you for your attention to this important update.

--
Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Monday, March 14, 2016 1:41 PM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Thomas, Ian
CC: Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Vin Stancato <Vin Stancato <vstancato@lan-tel.com>>
Subject: Re: Mike Kane: Internet Explorer 11 Upgrade and Vidsys / DVTEL / Gentech

Including Ian and Louie as they have worked through VidSys on IE11 issues and may be able to share info. Eric- have you experienced any issues with others going to IE11?

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

On Mon, Mar 14, 2016 at 1:36 PM, Michael Kane<michael.kane@boston.gov> wrote:

> Hi Shawn and Linda,
>
> With the upcoming browser upgrades to IE 11 citywide on 3/21/16 should we expect any issues with our current video application packages in place?
>
> I was talking to my director and she said the last time we upgraded it caused degradation across the system.
>
> Can we bring this up and get a clear answer on Wednesday.
>
> Mike
>
> --
> **Michael Kane**
> **Logistics Section Coordinator**
> **Office of Emergency Management (OEM)**
> 85 Bragdon Street | Boston, MA 02201
> Phone: 617-343-2413| Cell: 617-895-7215
> michael.kane@boston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, March 14, 2016 1:51 PM EDT
To: Linda Calnan <Linda Calnan <linda.calnan@boston.gov>>
CC: Michael Kane <Michael Kane <michael.kane@boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Thomas, Ian; Shawn Romanoski < Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>
Subject: Re: Mike Kane: Internet Explorer 11 Upgrade and Vidsys / DVTEL / Gentech

I just forwarded off for response

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Mar 14, 2016, at 1:41 PM, Linda Calnan <linda.calnan@boston.gov> wrote:

> Including Ian and Louie as they have worked through VidSys on IE11 issues and may be able to share info. Eric- have you experienced any issues with others going to IE11?
>
> **Linda Calnan**
> **Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston**
>
> 1 City Hall Square, Room 109
> Boston, MA 02201
> D: 617-635-2875
> C: 781-738-2020
> linda.calnan@boston.gov
>
> On Mon, Mar 14, 2016 at 1:36 PM, Michael Kane<michael.kane@boston.gov> wrote:
>
> > Hi Shawn and Linda,
> >
> > With the upcoming browser upgrades to IE 11 citywide on 3/21/16 should we expect any issues with our current video application packages in place?
> >
> > I was talking to my director and she said the last time we upgraded it caused degradation across the system.
> >
> > Can we bring this up and get a clear answer on Wednesday.
> >
> > Mike
> >
> > --
> > **Michael Kane**
> > **Logistics Section Coordinator**
> > **Office of Emergency Management (OEM)**
> > 85 Bragdon Street | Boston, MA 02201
> > Phone: 617-343-2413| Cell: 617-895-7215
> > michael.kane@boston.gov

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Monday, March 14, 2016 2:02 PM EDT
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; zpena@genetec.com <zpena@genetec.com>; bhenry@mbta.com <bhenry@mbta.com>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Abhishek Khule <Abhishek Khule <akhule@bphc.org>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Daniel Keeler <Daniel Keeler <daniel.keeler@pd.boston.gov>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>
Subject: Fwd: Internet Explorer End Of Life Update:

Vendors - please note that City will be moving to IE11 on 3/21. Please assist where necessary so that we don't experience and camera or system downtime.

Thank you.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

---------- Forwarded message ----------
From: **Broadcast** <broadcast@cityofboston.gov>
Date: Tue, Mar 8, 2016 at 1:39 PM
Subject: Internet Explorer End Of Life Update:
To:

DoIT will be switching over to Internet Explorer 11 as of Monday 3/14/16 and the rest of the departments citywide IE older versions will also be upgraded to Internet Explorer 11 starting on Monday 3/21/16 if they have not already done so.

This is a requirement due to the fact that Microsoft has ended support for users of Internet Explorer 8, 9, and 10, which means that any older versions of IE is no longer receiving any security updates/patches or technical support, thus making anyone who uses the older versions of IE as a security risk.

We have found that IE11 in “enterprise mode” will continue to work for most applications. If you do have any issues you will need to update your software to a supported version.

DoIT thanks you for your attention to this important update.

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, March 14, 2016 6:44 PM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
Subject: Fwd: Mike Kane: Internet Explorer 11 Upgrade and Vidsys / DVTEL / Gentech

FYI

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

Begin forwarded message:

> **From:** Eric Johnson <ejohnson@Lan-Tel.com>
> **Date:** March 14, 2016 at 6:39:21 PM EDT
> **To:** "Shawn <RomanoskiS. bpd@cityofboston. gov> Romanoski" <shawn.romanoski@pd.boston.gov>
> **Subject: Fwd: Mike Kane: Internet Explorer 11 Upgrade and Vidsys / DVTEL / Gentech**
>
> Shawn here is the answer from JIm . I don't know who has access to Dvtel outside of BPD
>
> Respectfully ,
>
> Eric Johnson
> Project Manager
> Lan-Tel Communications
> 1400 Providence Highway, Suite 2000
> Norwood, MA 02062
>
> Cell: 617-413-2148
> Phone: 781-352-4656
> Fax: 781-551-8667
>
> ejohnson@lan-tel.com
> www.lan-tel.com
>
> Begin forwarded message:
>
> > **From:** Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>
> > **Date:** March 14, 2016 at 6:34:46 PM EDT
> > **To:** Eric Johnson <ejohnson@lan-tel.com>
> > **Subject: Re: Mike Kane: Internet Explorer 11 Upgrade and Vidsys / DVTEL / Gentech**
> >
> > We have most users on Chrome. THat being said, they will need to keep a copy of IE on hand to get to some of the City websites
> >
> > On Mon, Mar 14, 2016 at 2:26 PM, Eric Johnson<ejohnson@lan-tel.com> wrote:
> > > Does this affect you
> > >
> > > Respectfully ,
> > >
> > > Eric Johnson
> > > Project Manager
> > > Lan-Tel Communications
> > > 1400 Providence Highway, Suite 2000

Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

Begin forwarded message:

> **From:** "Driscoll, Mike" <Mike.Driscoll@flir.com>
> **Date:** March 14, 2016 at 2:25:33 PM EDT
> **To:** DVTel Sales Engineering - US <DVTelSalesEngineering-US@dvtel.com>
> **Cc:** Eric Johnson <ejohnson@lan-tel.com>, Eric Nisbet <enisbet@lan-tel.com>
> **Subject: Fwd: Mike Kane: Internet Explorer 11 Upgrade and Vidsys / DVTEL / Gentech**
>
> Guys.... Boston planning to.go.to IE 11 soon... see trail below... are we supporting it yet??? They use Web client for.lots.of detectives
>
> Mike Driscoll
> Business Development Northeast
>
> FLIR Systems Inc.
> Mobile: 781 264 0031
> Email: mike.driscoll@flir.com
>
> Sent from my Verizon Wireless 4G LTE smartphone
>
> -------- Original message --------
> From: Eric Johnson <ejohnson@Lan-Tel.com>
> Date: 03/14/2016 1:51 PM (GMT-05:00)
> To: "Eric W. Nisbet" <enisbet@lan-tel.com>, Mike Driscoll <mdriscoll@dvtel.com>
> Subject: Fwd: Mike Kane: Internet Explorer 11 Upgrade and Vidsys / DVTEL / Gentech
>
> Respectfully ,
>
> Eric Johnson
> Project Manager
> Lan-Tel Communications
> 1400 Providence Highway, Suite 2000
> Norwood, MA 02062
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> Cell: 617-413-2148
> Phone: 781-352-4656
> Fax: 781-551-8667
>
> ejohnson@lan-tel.com
> www.lan-tel.com
>
> Begin forwarded message:
>
> > **From:** Michael Kane <michael.kane@boston.gov>
> > **Date:** March 14, 2016 at 1:36:03 PM EDT
> > **To:** Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>, Linda Calnan <linda.calnan@boston.gov>
> > **Cc:** Dan Rothman <dan.rothman@boston.gov>, Eric Johnson <ejohnson@Lan-Tel.com>, Vin Stancato <vstancato@lan-tel.com>
> > **Subject: Mike Kane: Internet Explorer 11 Upgrade and Vidsys / DVTEL / Gentech**

Hi Shawn and Linda,

With the upcoming browser upgrades to IE 11 citywide on 3/21/16 should we expect any issues with our current video application packages in place?

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Can we bring this up and get a clear answer on Wednesday.

Mike

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Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

This message is for the sole use of the intended recipient/s and may contain confidential information. Any unauthorized review, use or disclosure is prohibited. If you have received this message in error, please reply to the sender and delete the original message and all copies from your computer.

Notice to recipient: This email is meant for only the intended recipient of the transmission, and may be a communication privileged by law, subject to export control restrictions or that otherwise contains proprietary information. If you receive this email by mistake, please notify us immediately by replying to this message and then destroy it and do not review, disclose, copy or distribute it. Thank you in advance for your cooperation.

--
Jim Fitzpatrick
Boston Police
System & Network Operations

From: Michael Kane <michael.kane@boston.gov>
Sent: Tuesday, March 15, 2016 9:09 AM EDT
To: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>
CC: Murphy, Andrew; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Linda Calnan <Linda Calnan <linda.calnan@boston.gov>>
Subject: Mike Kane: Chrome on DVTEL and VIDSYS Tuesday March 22nd

Hi Eric,

Can you stop by the EOC on Tuesday the 22nd so we can just make sure everything is running properly with the new Chrome browser.

Thanks so much,

Mike
---------- Forwarded message ----------
From: **Eric Johnson** <ejohnson@lan-tel.com>
Date: Mon, Mar 14, 2016 at 6:44 PM
Subject: Fwd: Mike Kane: Internet Explorer 11 Upgrade and Vidsys / DVTEL / Gentech
To: Michael Kane <michael.kane@boston.gov>

FYI

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

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> **From:** Eric Johnson <ejohnson@Lan-Tel.com>
> **Date:** March 14, 2016 at 6:39:21 PM EDT
> **To:** "Shawn <RomanoskiS. bpd@cityofboston. gov> Romanoski" <shawn.romanoski@pd.boston.gov>
> **Subject: Fwd: Mike Kane: Internet Explorer 11 Upgrade and Vidsys / DVTEL / Gentech**
>
> Shawn here is the answer from JIm . I don't know who has access to Dvtel outside of BPD
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> Lan-Tel Communications
> 1400 Providence Highway, Suite 2000
> Norwood, MA 02062
>
> Cell: 617-413-2148
> Phone: 781-352-4656
> Fax: 781-551-8667
>
> ejohnson@lan-tel.com
> www.lan-tel.com
>
> Begin forwarded message:

From: Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>
Date: March 14, 2016 at 6:34:46 PM EDT
To: Eric Johnson <ejohnson@lan-tel.com>
Subject: Re: Mike Kane: Internet Explorer 11 Upgrade and Vidsys / DVTEL / Gentech

We have most users on Chrome. THat being said, they will need to keep a copy of IE on hand to get to some of the City websites

On Mon, Mar 14, 2016 at 2:26 PM, Eric Johnson<ejohnson@lan-tel.com> wrote:

> Does this affect you
>
> Respectfully ,
>
> Eric Johnson
> Project Manager
> Lan-Tel Communications
> 1400 Providence Highway, Suite 2000
> Norwood, MA 02062
>
> Cell: 617-413-2148
> Phone: 781-352-4656
> Fax: 781-551-8667
>
> ejohnson@lan-tel.com
> www.lan-tel.com
>
> Begin forwarded message:
>
> > **From:** "Driscoll, Mike" <Mike.Driscoll@flir.com>
> > **Date:** March 14, 2016 at 2:25:33 PM EDT
> > **To:** DVTel Sales Engineering - US <DVTelSalesEngineering-US@dvtel.com>
> > **Cc:** Eric Johnson <ejohnson@lan-tel.com>, Eric Nisbet <enisbet@lan-tel.com>
> > **Subject: Fwd: Mike Kane: Internet Explorer 11 Upgrade and Vidsys / DVTEL / Gentech**
> >
> > Guys.... Boston planning to.go.to IE 11 soon... see trail below... are we supporting it yet??? They use Web client for.lots.of detectives
> >
> > Mike Driscoll
> > Business Development Northeast
> >
> > FLIR Systems Inc.
> > Mobile: 781 264 0031
> > Email: mike.driscoll@flir.com
> >
> > Sent from my Verizon Wireless 4G LTE smartphone
> >
> > -------- Original message --------
> > From: Eric Johnson <ejohnson@Lan-Tel.com>
> > Date: 03/14/2016 1:51 PM (GMT-05:00)
> > To: "Eric W. Nisbet" <enisbet@lan-tel.com>, Mike Driscoll <mdriscoll@dvtel.com>
> > Subject: Fwd: Mike Kane: Internet Explorer 11 Upgrade and Vidsys / DVTEL / Gentech
> >
> > Respectfully ,
> >
> > Eric Johnson
> > Project Manager
> > Lan-Tel Communications
> > 1400 Providence Highway, Suite 2000
> > Norwood, MA 02062
> >
> > Cell: 617-413-2148

Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

Begin forwarded message:

From: Michael Kane <michael.kane@boston.gov>
Date: March 14, 2016 at 1:36:03 PM EDT
To: Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>, Linda Calnan <linda.calnan@boston.gov>
Cc: Dan Rothman <dan.rothman@boston.gov>, Eric Johnson <ejohnson@Lan-Tel.com>, Vin Stancato <vstancato@lan-tel.com>
Subject: Mike Kane: Internet Explorer 11 Upgrade and Vidsys / DVTEL / Gentech

Hi Shawn and Linda,

With the upcoming browser upgrades to IE 11 citywide on 3/21/16 should we expect any issues with our current video application packages in place?

I was talking to my director and she said the last time we upgraded it caused degradation across the system.

Can we bring this up and get a clear answer on Wednesday.

Mike

--
Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

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--
Jim Fitzpatrick
Boston Police
System & Network Operations

--
Michael Kane
Logistics Section Coordinator

Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Tuesday, March 15, 2016 9:18 AM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
CC: Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Murphy, Andrew; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Linda Calnan <Linda Calnan <linda.calnan@boston.gov>>; Eric W. Nisbet < Eric W. Nisbet <enisbet@lan-tel.com>>
Subject: Re: Mike Kane: Chrome on DVTEL and VIDSYS Tuesday March 22nd

Mike
Will do sir

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Mar 15, 2016, at 9:09 AM, Michael Kane <michael.kane@boston.gov> wrote:

> Hi Eric,
>
> Can you stop by the EOC on Tuesday the 22nd so we can just make sure everything is running properly with the new Chrome browser.
>
> Thanks so much,
>
> Mike
> ---------- Forwarded message ----------
> From: **Eric Johnson** <ejohnson@lan-tel.com>
> Date: Mon, Mar 14, 2016 at 6:44 PM
> Subject: Fwd: Mike Kane: Internet Explorer 11 Upgrade and Vidsys / DVTEL / Gentech
> To: Michael Kane <michael.kane@boston.gov>
>
> FYI
>
> Respectfully ,
>
> Eric Johnson
> Project Manager
> Lan-Tel Communications
> 1400 Providence Highway, Suite 2000
> Norwood, MA 02062
>
> Cell: 617-413-2148
> Phone: 781-352-4656
> Fax: 781-551-8667
>
> ejohnson@lan-tel.com
> www.lan-tel.com
>
> Begin forwarded message:
>
> > **From:** Eric Johnson <ejohnson@Lan-Tel.com>
> > **Date:** March 14, 2016 at 6:39:21 PM EDT
> > **To:** "Shawn <RomanoskiS. bpd@cityofboston. gov> Romanoski" <shawn.romanoski@pd.boston.gov>

Subject: Fwd: Mike Kane: Internet Explorer 11 Upgrade and Vidsys / DVTEL / Gentech

Shawn here is the answer from JIm . I don't know who has access to Dvtel outside of BPD

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

Begin forwarded message:

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> **Subject: Re: Mike Kane: Internet Explorer 11 Upgrade and Vidsys / DVTEL / Gentech**
>
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>>
>> Respectfully ,
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>> Project Manager
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>>
>> ejohnson@lan-tel.com
>> www.lan-tel.com
>>
>> Begin forwarded message:
>>
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>>> **Date:** March 14, 2016 at 2:25:33 PM EDT
>>> **To:** DVTel Sales Engineering - US <DVTelSalesEngineering-US@dvtel.com>
>>> **Cc:** Eric Johnson <ejohnson@lan-tel.com>, Eric Nisbet <enisbet@lan-tel.com>
>>> **Subject: Fwd: Mike Kane: Internet Explorer 11 Upgrade and Vidsys / DVTEL / Gentech**
>>>
>>> Guys.... Boston planning to.go.to IE 11 soon... see trail below... are we supporting it yet??? They use Web client for.lots.of detectives
>>>
>>> Mike Driscoll

Business Development Northeast

FLIR Systems Inc.
Mobile: 781 264 0031
Email: mike.driscoll@flir.com

Sent from my Verizon Wireless 4G LTE smartphone

-------- Original message --------
From: Eric Johnson <ejohnson@Lan-Tel.com>
Date: 03/14/2016 1:51 PM (GMT-05:00)
To: "Eric W. Nisbet" <enisbet@lan-tel.com>, Mike Driscoll <mdriscoll@dvtel.com>
Subject: Fwd: Mike Kane: Internet Explorer 11 Upgrade and Vidsys / DVTEL / Gentech

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

Begin forwarded message:

> **From:** Michael Kane <michael.kane@boston.gov>
> **Date:** March 14, 2016 at 1:36:03 PM EDT
> **To:** Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>, Linda Calnan <linda.calnan@boston.gov>
> **Cc:** Dan Rothman <dan.rothman@boston.gov>, Eric Johnson <ejohnson@Lan-Tel.com>, Vin Stancato <vstancato@lan-tel.com>
> **Subject: Mike Kane: Internet Explorer 11 Upgrade and Vidsys / DVTEL / Gentech**
>
> Hi Shawn and Linda,
>
> With the upcoming browser upgrades to IE 11 citywide on 3/21/16 should we expect any issues with our current video application packages in place?
>
> I was talking to my director and she said the last time we upgraded it caused degradation across the system.
>
> Can we bring this up and get a clear answer on Wednesday.
>
> Mike
>
> --
> **Michael Kane**
> **Logistics Section Coordinator**
> **Office of Emergency Management (OEM)**
> 85 Bragdon Street | Boston, MA 02201
> Phone: 617-343-2413| Cell: 617-895-7215
> michael.kane@boston.gov

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--
Jim Fitzpatrick
Boston Police
System & Network Operations

--
Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Tuesday, March 15, 2016 1:40 PM EDT
To: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
CC: Jeff Bodio <Jeff Bodio <jeffb@lan-tel.com>>
Subject: Fwd: LAN-TEL/City Of Boston Auditing Department po #BOSTN-000065972 Contract # 40555 (15-0319-20)
Attachment(s): "ATT00001.htm","9914735-COBOSAU-3-15-2016-2.PDF","ATT00002.htm"

Andrew
Here is the invoice for Phase 1

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

Begin forwarded message:

> **From:** Jeff Bodio <jeffb@lan-tel.com>
> **Date:** March 15, 2016 at 1:27:27 PM EDT
> **To:** Eric Johnson <ejohnson@Lan-Tel.com>
> **Subject: LAN-TEL/City Of Boston Auditing Department po #BOSTN-000065972 Contract # 40555 (15-0319-20)**
>
> Hi Eric
> Please see the attached. Let me know if you need anything else. Please cc me on the email.
>
> Thank you
>
> Jeff

From: Driscoll, Mike <Mike.Driscoll@flir.com>
Sent: Tuesday, March 15, 2016 1:59 PM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
CC: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Eric Nisbet <Eric Nisbet <enisbet@lan-tel.com>>
Subject: Fwd: Ie 11

Mike

Have a look at the trail below with info related to IE 11.

BTW I tried calling you at 617 343 2413... but I don't get to your VM? Did I get the number wrong?

Thanks
MD
Mike Driscoll
Business Development Northeast

FLIR Systems Inc.
Mobile: 781 264 0031
Email: mike.driscoll@flir.com

Sent from my Verizon Wireless 4G LTE smartphone

-------- Original message --------
From: "Moskowitz, Avi" <Avi.Moskowitz@flir.com>
Date: 03/15/2016 11:39 AM (GMT-05:00)
To: "Driscoll, Mike" <Mike.Driscoll@flir.com>, "Eric W. Nisbet" <enisbet@lan-tel.com>, "Crocker, Rusty" <Rusty.Crocker@flir.com>, DVTEL Sales Engineering - US <DVTelSalesEngineering-US@dvtel.com>, Avi Moskowitz <amoskowitz@dvtel.com>
Cc: Eric Johnson <ejohnson@Lan-Tel.com>
Subject: RE: Ie 11

Yes, always a good idea just to make sure all of your regular day to day activities work as expected.

Avi Moskowitz
Assistant VMS Product Champion

Please make note of my new mobile number*

FLIR Systems, Inc.
65 Challenger Road, Ridgefield Park, NJ 07660 USA
Direct: +1 201 708 9853 | Mobile: +1 201 220 1095
Email: avi.moskowitz@flir.com | www.flir.com

From: Driscoll, Mike
Sent: Tuesday, March 15, 2016 11:38 AM
To: Moskowitz, Avi <Avi.Moskowitz@flir.com>; Eric W. Nisbet <enisbet@lan-tel.com>; Crocker, Rusty <Rusty.Crocker@flir.com>; DVTEL Sales Engineering - US <DVTelSalesEngineering-US@dvtel.com>; Avi Moskowitz <amoskowitz@dvtel.com>
Cc: Eric Johnson <ejohnson@Lan-Tel.com>
Subject: RE: Ie 11

Eric and Eric,

It would be a good idea to try and test this out on the live system to verify all is good before the city goes live with IE 11.

MD

From: Moskowitz, Avi
Sent: Tuesday, March 15, 2016 11:36 AM
To: Eric W. Nisbet <enisbet@lan-tel.com>; Driscoll, Mike <Mike.Driscoll@flir.com>; Crocker, Rusty <Rusty.Crocker@flir.com>; DVTel Sales Engineering - US <DVTelSalesEngineering-US@dvtel.com>; Avi Moskowitz <amoskowitz@dvtel.com>
Cc: Eric Johnson <ejohnson@Lan-Tel.com>
Subject: RE: Ie 11

So, as far as I can tell, all seems good.

Avi Moskowitz
Assistant VMS Product Champion

Please make note of my new mobile number*

FLIR Systems, Inc.
65 Challenger Road, Ridgefield Park, NJ 07660 USA
Direct: +1 201 708 9853 | Mobile: +1 201 220 1095
Email: avi.moskowitz@flir.com | www.flir.com

From: Eric W. Nisbet [mailto:enisbet@lan-tel.com]
Sent: Tuesday, March 15, 2016 11:35 AM
To: Moskowitz, Avi <Avi.Moskowitz@flir.com>; Driscoll, Mike <Mike.Driscoll@flir.com>; Crocker, Rusty <Rusty.Crocker@flir.com>; DVTel Sales Engineering - US <DVTelSalesEngineering-US@dvtel.com>; Avi Moskowitz <amoskowitz@dvtel.com>
Cc: Eric Johnson <ejohnson@Lan-Tel.com>
Subject: RE: Ie 11

They are CP1

-------- Original message --------
From: "Moskowitz, Avi" <Avi.Moskowitz@flir.com>
Date: 03/15/2016 11:31 AM (GMT-05:00)
To: "Driscoll, Mike" <Mike.Driscoll@flir.com>, "Crocker, Rusty" <Rusty.Crocker@flir.com>, DVTel Sales Engineering - US <DVTelSalesEngineering-US@dvtel.com>, Avi Moskowitz <amoskowitz@dvtel.com>
Cc: Eric Johnson <ejohnson@Lan-Tel.com>, "Eric W. Nisbet" <enisbet@lan-tel.com>
Subject: RE: Ie 11

Mike,
Just to confirm it for you, I booted up a 6.3 CP1 system (with no LU) and am accessing it from an IE11 (with a PTZ) and everything is working great.

Are they on 6.3 or are they at CP1. I can't say 100% prior to CP1 since I don't have it in front of me. If it is prior to CP1, then I'll investigate with that version.

Avi Moskowitz
Assistant VMS Product Champion

Please make note of my new mobile number*

FLIR Systems, Inc.
65 Challenger Road, Ridgefield Park, NJ 07660 USA
Direct: +1 201 708 9853 | Mobile: +1 201 220 1095
Email: avi.moskowitz@flir.com | www.flir.com

From: Driscoll, Mike [mailto:Mike.Driscoll@flir.com]
Sent: Tuesday, March 15, 2016 10:27 AM
To: Crocker, Rusty <Rusty.Crocker@flir.com>; DVTel Sales Engineering - US <DVTelSalesEngineering-US@dvtel.com>; Avi Moskowitz <amoskowitz@dvtel.com>
Cc: Eric Johnson <ejohnson@lan-tel.com>; Eric Nisbet <enisbet@lan-tel.com>
Subject: RE: Ie 11

Ok... thanks.... Avi & jicko

Do we have knowledge that 6.3 works w IE 11. This is for Boston PD. They are not at 6.4 yet...(they may jump to 7.0) but that's a few months out. The city is planning to cut over to IE 11 as a standard in next couple weeks and they want to avoid any issues with Web client access.

Mike Driscoll
Business Development Northeast

FLIR Systems Inc.
Mobile: 781 264 0031
Email: mike.driscoll@flir.com

Sent from my Verizon Wireless 4G LTE smartphone

-------- Original message --------
From: "Crocker, Rusty" <Rusty.Crocker@flir.com>
Date: 03/15/2016 10:17 AM (GMT-05:00)
To: "Driscoll, Mike" <Mike.Driscoll@flir.com>, DVTel Sales Engineering - US <DVTelSalesEngineering-US@dvtel.com>, Avi Moskowitz <amoskowitz@dvtel.com>
Subject: RE: Ie 11

Both 6.3 and 6.4 state IE 8 or higher. Neither specify IE11 specifically.

Rusty Crocker
Field Sales Engineer – Central/SE USA

FLIR Systems, Inc.
65 Challenger Road, Ridgefield Park, NJ 07660 USA
Direct: +1 201 708 9873 | Mobile: +1 225 715 1430
Presales support: 201 368 9700 option 2 or 888 388 3577 option 2
Skype: rusty.crocker
Email: rusty.crocker@flir.com | www.flir.com

From: Driscoll, Mike [mailto:Mike.Driscoll@flir.com]
Sent: Tuesday, March 15, 2016 9:08 AM
To: DVTel Sales Engineering - US <DVTelSalesEngineering-US@dvtel.com>; Avi Moskowitz <amoskowitz@dvtel.com>
Subject: Ie 11

Sorry to bug yous about this.... but is it 6.4 and olup of latitude that we support IE 11 or is there any version of 6.3 that we also might support IE 11 for web client

Thanks

Mike Driscoll
Business Development Northeast

FLIR Systems Inc.
Mobile: 781 264 0031
Email: mike.driscoll@flir.com

Sent from my Verizon Wireless 4G LTE smartphone

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From: Andrew Murphy <andrew.murphy@boston.gov>
Sent: Tuesday, March 15, 2016 4:30 PM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
CC: Jeff Bodio <Jeff Bodio <jeffb@lan-tel.com>>
Subject: Re: LAN-TEL/City Of Boston Auditing Department po #BOSTN-000065972 Contract # 40555 (15-0319-20)

Hi Eric. I hate to be a stickler but the proposal was for $108,120.08. Your invoice is 8 cents less. Can you re-issue the invoice with the amount on the PO which is $108,120.08? Payment will go so much faster. Ha! Thanks.

Andrew

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

On Tue, Mar 15, 2016 at 1:40 PM, Eric Johnson<ejohnson@lan-tel.com> wrote:

> Andrew
> Here is the invoice for Phase 1
>
> Respectfully ,
>
> Eric Johnson
> Project Manager
> Lan-Tel Communications
> 1400 Providence Highway, Suite 2000
> Norwood, MA 02062
>
> Cell: 617-413-2148
> Phone: 781-352-4656
> Fax: 781-551-8667
>
> ejohnson@lan-tel.com
> www.lan-tel.com
>
> Begin forwarded message:
>
> **From:** Jeff Bodio <jeffb@lan-tel.com>
> **Date:** March 15, 2016 at 1:27:27 PM EDT
> **To:** Eric Johnson <ejohnson@Lan-Tel.com>
> **Subject: LAN-TEL/City Of Boston Auditing Department po #BOSTN-000065972 Contract # 40555 (15-0319-20)**
>
> Hi Eric
>
> Please see the attached. Let me know if you need anything else. Please cc me on the email.
>
> Thank you
>
> Jeff

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Tuesday, March 15, 2016 4:33 PM EDT
To: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
Subject: Re: LAN-TEL/City Of Boston Auditing Department po #BOSTN-000065972 Contract # 40555 (15-0319-20)

Andrew
Sorry I didn't prepare I will take care of sorry I understand

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Mar 15, 2016, at 4:31 PM, Andrew Murphy <andrew.murphy@boston.gov> wrote:

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Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

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> Fax: 781-551-8667
>
> ejohnson@lan-tel.com
> www.lan-tel.com
>
> Begin forwarded message:
>
> > **From:** Jeff Bodio <jeffb@lan-tel.com>
> > **Date:** March 15, 2016 at 1:27:27 PM EDT
> > **To:** Eric Johnson <ejohnson@Lan-Tel.com>
> > **Subject: LAN-TEL/City Of Boston Auditing Department po #BOSTN-000065972 Contract # 40555 (15-0319-20)**

Hi Eric

Please see the attached. Let me know if you need anything else. Please cc me on the email.

Thank you

Jeff

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Tuesday, March 15, 2016 4:38 PM EDT
To: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
CC: Jeff Bodio <Jeff Bodio <jeffb@lan-tel.com>>; John Bartolomucci <John Bartolomucci <jbarts@lan-tel.com>>
Subject: Re: LAN-TEL/City Of Boston Auditing Department po #BOSTN-000065972 Contract # 40555 (15-0319-20)

Andrew
We will take care of . No problem

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

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> Hi Eric. I hate to be a stickler but the proposal was for $108,120.08. Your invoice is 8 cents less. Can you re-issue the invoice with the amount on the PO which is $108,120.08? Payment will go so much faster. Ha! Thanks.
>
> Andrew
>
> ---
>
> **Andrew Murphy**
> **Regional Planner**
>
> **Office of Emergency Management (OEM)**
> Boston City Hall, Room 204 | Boston, MA 02201
> Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov
>
> On Tue, Mar 15, 2016 at 1:40 PM, Eric Johnson<ejohnson@lan-tel.com> wrote:
>
> > Andrew
> > Here is the invoice for Phase 1
> >
> > Respectfully ,
> >
> > Eric Johnson
> > Project Manager
> > Lan-Tel Communications
> > 1400 Providence Highway, Suite 2000
> > Norwood, MA 02062
> >
> > Cell: 617-413-2148
> > Phone: 781-352-4656
> > Fax: 781-551-8667
> >
> > ejohnson@lan-tel.com
> > www.lan-tel.com
> >
> > Begin forwarded message:
> >
> > **From:** Jeff Bodio <jeffb@lan-tel.com>
> > **Date:** March 15, 2016 at 1:27:27 PM EDT
> > **To:** Eric Johnson <ejohnson@Lan-Tel.com>
> > **Subject: LAN-TEL/City Of Boston Auditing Department po #BOSTN-000065972 Contract # 40555 (15-0319-20)**

Hi Eric

Please see the attached. Let me know if you need anything else. Please cc me on the email.

Thank you

Jeff

From: Jeff Bodio <jeffb@lan-tel.com>
Sent: Wednesday, March 16, 2016 10:54 AM EDT
To: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
CC: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; John Bartolomucci <John Bartolomucci <jbarts@lan-tel.com>>
Subject: RE: LAN-TEL/City Of Boston Auditing Department po #BOSTN-000065972 Contract # 40555 (15-0319-20)
Attachment(s): "9914738-COBOSAU-3-16-2016-2.PDF"

Hi Andrew
Please see the revised bill for the above project.

Thank you

Jeff

LAN-TEL
COMMUNICATIONS, INC.

Jeff Bodio
Staff Accountant
1400 Providence Highway, Suite 2000
Norwood, MA 02062
Phone: 781.352.2641
Fax: 781.551.8667
Jeffb@lan-tel.com
www.lan-tel.com

From: Andrew Murphy [mailto:andrew.murphy@boston.gov]
Sent: Tuesday, March 15, 2016 4:31 PM
To: Eric Johnson <ejohnson@Lan-Tel.com>
Cc: Jeff Bodio <jeffb@lan-tel.com>
Subject: Re: LAN-TEL/City Of Boston Auditing Department po #BOSTN-000065972 Contract # 40555 (15-0319-20)

Hi Eric. I hate to be a stickler but the proposal was for $108,120.08. Your invoice is 8 cents less. Can you re-issue the invoice with the amount on the PO which is $108,120.08? Payment will go so much faster. Ha! Thanks.

Andrew

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

On Tue, Mar 15, 2016 at 1:40 PM, Eric Johnson <ejohnson@lan-tel.com> wrote:

> Andrew
> Here is the invoice for Phase 1
>
> Respectfully ,
>
>
> Eric Johnson
> Project Manager
> Lan-Tel Communications
> 1400 Providence Highway, Suite 2000
> Norwood, MA 02062
>
> Cell: 617-413-2148
> Phone: 781-352-4656
> Fax: 781-551-8667
>
> ejohnson@lan-tel.com
> www.lan-tel.com
>

Begin forwarded message:

From: Jeff Bodio <jeffb@lan-tel.com>
Date: March 15, 2016 at 1:27:27 PM EDT
To: Eric Johnson <ejohnson@Lan-Tel.com>
Subject: LAN-TEL/City Of Boston Auditing Department po #BOSTN-000065972 Contract # 40555 (15-0319-20)

Hi Eric
Please see the attached. Let me know if you need anything else. Please cc me on the email.

Thank you

Jeff

From: Singleton, Maurice <SingletM@vidsys.com>
Sent: Thursday, March 17, 2016 9:41 PM EDT
To: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
CC: Eric Johnson (ejohnson@Lan-Tel.com) < Eric Johnson (ejohnson@Lan-Tel.com) <ejohnson@lan-tel.com>>; vpstancato@gmail.com
Subject: RE: Vidsys Quote

Hi Andrew,

I'm following up on the quote provided, as I don't have record of receiving a PO for the licenses.

Please let me know if you are still interested in the licenses, or if you need additional information or assistance.

Regards,

Maurice Singleton
VICE PRESIDENT, PRODUCT INNOVATION AND DEPLOYMENT
vidsys
Corporate Headquarters
8219 Leesburg Pike, Suite 250
Vienna, Virginia 22182, USA
+1 (703) 459-6630 mobile
+1 (703) 883-3730 office
msingleton@vidsys.com
www.vidsys.com

From: Andrew Murphy [mailto:andrew.murphy@boston.gov]
Sent: Friday, February 19, 2016 10:12 AM
To: Singleton, Maurice
Cc: Eric Johnson (ejohnson@Lan-Tel.com); vpstancato@gmail.com
Subject: Re: Vidsys Quote

Thanks very much Maurice. Eric and Vin, please proceed with the Boston Fire installation as soon as possible.

Andrew

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

On Thu, Feb 18, 2016 at 5:36 PM, Singleton, Maurice <SingletM@vidsys.com> wrote:
Andrew,

See attached quote as requested.

Please let me know if you have any questions, or need additional information.

Regards,

Maurice Singleton
VICE PRESIDENT, PRODUCT INNOVATION AND DEPLOYMENT
vidsys
Corporate Headquarters
8219 Leesburg Pike, Suite 250

Vienna, Virginia 22182, USA
+1 (703) 459-6630 mobile
+1 (703) 883-3730 office
msingleton@vidsys.com
www.vidsys.com

From: Andrew Murphy <andrew.murphy@boston.gov>
Sent: Friday, March 18, 2016 8:42 AM EDT
To: Singleton, Maurice
CC: Eric Johnson (ejohnson@Lan-Tel.com) < Eric Johnson (ejohnson@Lan-Tel.com) <ejohnson@lan-tel.com>>; vpstancato@gmail.com
Subject: Re: Vidsys Quote

Hi Maurice. I'm just waiting on a budget transfer. I will keep you posted. Thanks.

Andrew

_____

Andrew Murphy
Regional Planner

City of Boston
Office of Emergency Management

Sent from my iPhone

On Mar 17, 2016, at 9:41 PM, Singleton, Maurice <SingletM@vidsys.com> wrote:

> *Hi Andrew,*
>
> *I'm following up on the quote provided, as I don't have record of receiving a PO for the licenses.*
>
> *Please let me know if you are still interested in the licenses, or if you need additional information or assistance.*
>
> *Regards,*
>
> **Maurice Singleton**
> **VICE PRESIDENT, PRODUCT INNOVATION AND DEPLOYMENT**
> <image002.png>
> ***Corporate Headquarters***
> 8219 Leesburg Pike, Suite 250
> Vienna, Virginia 22182, USA
> +1 (703) 459-6630 mobile
> +1 (703) 883-3730 office
> msingleton@vidsys.com
> **www.vidsys.com**

From: Andrew Murphy [mailto:andrew.murphy@boston.gov]
Sent: Friday, February 19, 2016 10:12 AM
To: Singleton, Maurice
Cc: Eric Johnson (ejohnson@Lan-Tel.com); vpstancato@gmail.com
Subject: Re: Vidsys Quote

Thanks very much Maurice. Eric and Vin, please proceed with the Boston Fire installation as soon as possible.

Andrew

_____

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

On Thu, Feb 18, 2016 at 5:36 PM, Singleton, Maurice <SingletM@vidsys.com> wrote:
Andrew,

See attached quote as requested.

Please let me know if you have any questions, or need additional information.

Regards,

Maurice Singleton

VICE PRESIDENT, PRODUCT INNOVATION AND DEPLOYMENT

<image003.png>

Corporate Headquarters

8219 Leesburg Pike, Suite 250
Vienna, Virginia 22182, USA
+1 (703) 459-6630 mobile
+1 (703) 883-3730 office
msingleton@vidsys.com
www.vidsys.com

From: Michael Kane <michael.kane@boston.gov>
Sent: Monday, March 21, 2016 4:40 PM EDT
To: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
CC: Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>
Subject: Re: VMWare for EOC computer

Adding Louis and Eric

On Mon, Mar 21, 2016 at 4:37 PM, Andrew Murphy<andrew.murphy@boston.gov> wrote:

> Good afternoon gentlemen. Below is info for downloading VMWare on the soon to be delivered EOC Vidsys/CIMS Mac. I'll let you know when I have an estimated date of delivery. Thanks.
>
> _____
>
> Andrew Murphy
> Regional Planner
>
> City of Boston
> Office of Emergency Management
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> **From:** VMware Customer Service <customer_service@vmware.com>
> **Date:** March 21, 2016 at 4:35:09 PM EDT
> **To:** andrew.murphy@boston.gov
> **Subject: Account successfully created**
>
> The following VMware Account has been successfully created:
>
> Email: andrew.murphy@boston.gov
>
> Customer Number (CN): 8329148157
>
> Don't have your password?
> If you do not have your password either because this account was created for you or you have forgotten it, you can reset your password here:
> https://www.vmware.com/account/forgotPassword.do
>
> What's next?
>
> Manage your Account from one central location.
> https://www.vmware.com/accounts/
>
> Register your product(s).
> http://www.vmware.com/registernow
>
> Download your product(s).
> http://www.vmware.com/download
>
> Interact with your peers and VMware experts in our Communities.
> http://communities.vmware.com/home.jspa
>
> Contact VMware Support.
> http://www.vmware.com/support/contacts/
>
> Purchase products and services on our online store.
> http://www.vmware.com/vmwarestore/

--
Michael Kane
Logistics Section Coordinator

Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, March 21, 2016 4:46 PM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
CC: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>
Subject: Re: VMWare for EOC computer

Received

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Mar 21, 2016, at 4:40 PM, Michael Kane <michael.kane@boston.gov> wrote:

> Adding Louis and Eric
>
> On Mon, Mar 21, 2016 at 4:37 PM, Andrew Murphy<andrew.murphy@boston.gov> wrote:
> > Good afternoon gentlemen. Below is info for downloading VMWare on the soon to be delivered EOC Vidsys/CIMS Mac. I'll let you know when I have an estimated date of delivery. Thanks.
> >
> > _____
> >
> > Andrew Murphy
> > Regional Planner
> >
> > City of Boston
> > Office of Emergency Management
> >
> > Sent from my iPhone
> >
> > Begin forwarded message:
> >
> > **From:** VMware Customer Service <customer_service@vmware.com>
> > **Date:** March 21, 2016 at 4:35:09 PM EDT
> > **To:** andrew.murphy@boston.gov
> > **Subject: Account successfully created**
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> >
> > Email: andrew.murphy@boston.gov
> >
> > Customer Number (CN): 8329148157
> >
> > Don't have your password?
> > If you do not have your password either because this account was created for you or you have forgotten it, you can reset your password here:
> > https://www.vmware.com/account/forgotPassword.do
> >
> > What's next?
> >
> > Manage your Account from one central location.
> > https://www.vmware.com/accounts/
> >
> > Register your product(s).

http://www.vmware.com/registernow

Download your product(s).
http://www.vmware.com/download

Interact with your peers and VMware experts in our Communities.
http://communities.vmware.com/home.jspa

Contact VMware Support.
http://www.vmware.com/support/contacts/

Purchase products and services on our online store.
http://www.vmware.com/vmwarestore/

--

Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Andrew Murphy <andrew.murphy@boston.gov>
Sent: Tuesday, March 22, 2016 7:50 AM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; louis.madeira@pd.boston.gov <louis.madeira@pd.boston.gov>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Mike Kane <Mike Kane <michael.kane@boston.gov>>
Subject: Fwd: VMware Order / License Confirmation 12490131

FYI all.

_____

Andrew Murphy
Regional Planner

City of Boston
Office of Emergency Management

Sent from my iPhone

Begin forwarded message:

From: "VMware Customer Service" <vmwprod@vmware.com>
Date: March 21, 2016 at 6:02:52 PM EDT
To: "andrew.murphy@boston.gov" <andrew.murphy@boston.gov>
Subject: VMware Order / License Confirmation 12490131
Reply-To: vmwprod@vmware.com

Quick Links

- **Knowledge Base**
- **Get My VMware Support**
- **Login To My VMware**

VMware Order / License Confirmation 12490131

Hello,

Thank you for your order with VMware. You can download your VMware products here.

To view this order confirmation email in another language, please click one of the links below:
Deutsch | 日本語 | 简体中文

Order Confirmation:

Order Date : MARCH 21, 2016
Order No : 12490131

Please refer to your order number in all of your communication with VMware.

My VMware Account Number: 864192861
My VMware Account Name: Mayor's Office Of Emergency Management
My VMware Procurement contact: John Boyle, VM-LICENSE@PD.BOSTON.GOV
My VMware Super User: John Boyle, VM-LICENSE@PD.BOSTON.GOV
My VMware Customer contact: andrew.murphy@boston.gov, Mayor's Office Of Emergency Management

PO Number: 103301348845
Reseller PO Number: PGR7181
End User PO Number: 665420

Bill To: Arrow Enterprise Computing Solutions, Inc.
7459 S Lima St. BLDGS 1 and 2 B/T-HOME OFFICE (COLORADO) ENGLEWOOD
CO 80112-3879 United States
Phone: --1111111111

Ship To: Mayor's Office Of Emergency Management
85 Bragdon St Roxbury MA MA 02119-1059 United States
Phone: --6176351400

Here are your license keys for Order# 12490131:

```
License key(s) for VMware Fusion 8 Pro, ESD (FUS8-PRO-C) :
HN034-6M016-08C93-0J3UK-C8J64                    1 COMPUTER(s)
```

******

Here are all the products for Order# 12490131:

Product	Quantity
VMware Fusion 8 Pro, ESD(FUS8-PRO-C)	1

For questions about payment, please contact ar@vmware.com

EUROPEAN VAT DISCLAIMER
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The purchase of products and services listed above is subject to the commercial terms and conditions specified in the applicable agreement between VMware and the Buyer, or if none exists, to the current applicable standard VMware terms for the listed products or services.

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* Hosted Services - VMware's Terms of Service for the applicable hosted service.

* Support and Subscription Services - VMware's Standard Support Programs and Subscription Services terms and conditions .

* Consulting Services - VMware's Standard Consulting Services Terms .

* Enterprise Purchasing Program (EPP) - EPP Program Guide

* Subscription Purchasing Program (SPP) - SPP Program Guide

* Hybrid Purchasing Program (HPP) - HPP Program Guide

The foregoing terms shall prevail over any additional or conflicting terms in any purchase order or provisioning request issued in connection with this confirmation.

To view product licensing order information in another language, please click one of the links below:
Deutsch | 日本語 | 简体中文

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Click here and join today:

If you are experiencing any login or download issues to the My VMware portal, please contact VMware Global Support Services using your local dial in number which can be found at Click here .

Regards,

The VMware Team

VMware, Inc. 3401 Hillview Ave Palo Alto CA 94304 USA Tel 1-877-486-9273.
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Please do not reply to this message. All replies are routed to an unmonitored mailbox.

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Download My VMware.com App for your iPhone, iPad and Android.

From: Andrew Murphy <andrew.murphy@boston.gov>
Sent: Tuesday, March 22, 2016 10:41 AM EDT
To: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
Subject: 1550 Beacon Brookline

Hi Eric. Do you know anything about CIMS equipment on the roof of 1550 Beacon? Scott Wilder was up there the other day as they are looking to install some radio equipment. Thanks.

Andrew

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Tuesday, March 22, 2016 10:44 AM EDT
To: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
Subject: Re: 1550 Beacon Brookline

We do its a hub for cameras for Beacon st north area . It's been on line since 2007

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Mar 22, 2016, at 10:42 AM, Andrew Murphy <andrew.murphy@boston.gov> wrote:

> Hi Eric. Do you know anything about CIMS equipment on the roof of 1550 Beacon? Scott Wilder was up there the other day as they are looking to install some radio equipment. Thanks.
>
> Andrew

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, March 22, 2016 2:10 PM EDT
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; zpena@genetec.com <zpena@genetec.com>; bhenry@mbta.com <bhenry@mbta.com>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Abhishek Khule <Abhishek Khule <akhule@bphc.org>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Daniel Keeler <Daniel Keeler <daniel.keeler@pd.boston.gov>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis.Medeira@pd.boston.gov <Louis.Medeira@pd.boston.gov>
Subject: Security Camera Status Report for Tomorrow's Meeting
Attachment(s): "Security Camera Strategy Meeting_3-23-16v2.docx"

Se attached status report for tomorrow's 9am meeting. Same room, same conference bridge.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Shawn Romanoski <shawn.romanoski@pd.boston.gov>
Sent: Tuesday, March 22, 2016 2:14 PM EDT
To: Linda Calnan <Linda Calnan <linda.calnan@boston.gov>>
CC: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; zpena@genetec.com; bhenry@mbta.com; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Abhishek Khule <Abhishek Khule <akhule@bphc.org>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Daniel Keeler <Daniel Keeler <daniel.keeler@pd.boston.gov>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis.Medeira@pd.boston.gov
Subject: Re: Security Camera Status Report for Tomorrow's Meeting

Linda,

Can you add on,
1) BONET connectivity for Downtown Crossing Project?

2) Update on USCG camera Project

Shawn Romanoski
Director of Telecommunications
Boston Police Dept.
(617) 594-2994

On Mar 22, 2016, at 2:10 PM, Linda Calnan <linda.calnan@boston.gov> wrote:

> Se attached status report for tomorrow's 9am meeting. Same room, same conference bridge.
>
> **Linda Calnan**
> **Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston**
>
> 1 City Hall Square, Room 109
> Boston, MA 02201
> D: 617-635-2875
> C: 781-738-2020
> linda.calnan@boston.gov
>
> <Security Camera Strategy Meeting_3-23-16v2.docx>

From: Andrew Murphy <andrew.murphy@boston.gov>
Sent: Wednesday, March 23, 2016 9:55 AM EDT
To: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
Subject: Indy Car work approval

Hi Eric. I wanted to let you know if anyone tasks LanTel with work associated with Indy Car preparations in Southie, OEM needs to approve. I also know BPD has other projects, like the moving and installation of equipment on Egleston Tower. Something like this likely would not fall under CIMS. It's possible LanTel isn't even involved. We just want to make sure CIMS funding is being spent appropriately. If you think BPD is tasking you with things outside the normal scope of your work let me know. Thanks Eric.

Andrew

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, March 23, 2016 10:08 AM EDT
To: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
Subject: Re: Indy Car work approval

Absolutely sir . We are going direct with the Indy Car people and proposing integration of their cameras so BPD can see but one Indys dime

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Mar 23, 2016, at 9:56 AM, Andrew Murphy <andrew.murphy@boston.gov> wrote:

> Hi Eric. I wanted to let you know if anyone tasks LanTel with work associated with Indy Car preparations in Southie, OEM needs to approve. I also know BPD has other projects, like the moving and installation of equipment on Egleston Tower. Something like this likely would not fall under CIMS. It's possible LanTel isn't even involved. We just want to make sure CIMS funding is being spent appropriately. If you think BPD is tasking you with things outside the normal scope of your work let me know. Thanks Eric.
>
> Andrew

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

From: Michael Kane <michael.kane@boston.gov>
Sent: Thursday, March 24, 2016 10:28 AM EDT
To: Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>
CC: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>; Rich Perito <Rich Perito <richard.perito@boston.gov>>; Rene Fielding <Rene Fielding <rene.fielding@boston.gov>>
Subject: MK: Oem Mac has arrived at 85 Bragdon

Good Morning-

Could I schedule a time on tomorrow or early next week for the set up.

Thanks so much for everyone's help

Michael Kane
Logistics Section
City of Boston
Office of Emergency Management
617-343-2413
617-895-7215

From: Andrew Murphy <andrew.murphy@boston.gov>
Sent: Thursday, March 24, 2016 10:38 AM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
CC: Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Rich Perito <Rich Perito <richard.perito@boston.gov>>; Rene Fielding <Rene Fielding <rene.fielding@boston.gov>>
Subject: Re: MK: Oem Mac has arrived at 85 Bragdon

Hi Mike. I'm still waiting on info for the download of Windows. I'll keep you posted. Thanks.

_____

Andrew Murphy
Regional Planner

City of Boston
Office of Emergency Management

Sent from my iPhone

> On Mar 24, 2016, at 10:29 AM, Michael Kane <michael.kane@boston.gov> wrote:
>
> Good Morning-
>
> Could I schedule a time on tomorrow or early next week for the set up.
>
> Thanks so much for everyone's help
>
> Michael Kane
> Logistics Section
> City of Boston
> Office of Emergency Management
> 617-343-2413
> 617-895-7215

From: Andrew Murphy <andrew.murphy@boston.gov>
Sent: Thursday, March 24, 2016 11:07 AM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
CC: Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Rich Perito <Rich Perito <richard.perito@boston.gov>>
Subject: Re: MK: Oem Mac has arrived at 85 Bragdon

Hi again Mike. CDW isn't able to provide Windows so I need to touch base with Purchasing and find out how best to proceed. I'll keep you posted but I'm guessing there's no point in setting the computer up until we have this squared away. Thanks.

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

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> Regional Planner
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> Sent from my iPhone
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> > Logistics Section
> > City of Boston
> > Office of Emergency Management
> > 617-343-2413
> > 617-895-7215

From: Michael Kane <michael.kane@boston.gov>
Sent: Thursday, March 24, 2016 11:14 AM EDT
To: Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>; Linda Calnan <Linda Calnan <linda.calnan@boston.gov>>
CC: Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Rich Perito <Rich Perito <richard.perito@boston.gov>>
Subject: Re: MK: Oem Mac has arrived at 85 Bragdon windows licensing

Thanks Andrew.

Shawn and Linda any thoughts on pros vs cons of setting this up prior to windows being installed or is there another avenue we can take to get that software loaded so we can get this up and running .

Michael Kane
Logistics Section
City of Boston
Office of Emergency Management
617-343-2413
617-895-7215

On Mar 24, 2016, at 11:08 AM, Andrew Murphy <andrew.murphy@boston.gov> wrote:

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> > > 617-895-7215

From: Kate Waldron <kwaldron@lan-tel.com>
Sent: Thursday, March 24, 2016 1:36 PM EDT
To: Andrew Murphy (andrew.murphy@boston.gov) < Andrew Murphy (andrew.murphy@boston.gov) <andrew.murphy@boston.gov>>
CC: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
Subject: LAN-TEL's FAC64 Contract Renewal
Attachment(s): "FAC64 signed 2016 Renewal - Lan-Tel.pdf"

Hi Andrew,

I am not sure if you knew this, but we have been officially resigned on FAC64 for the next two years. I have attached the fully executed contract should you need it for reference purposes.

Regards,

Kate

Kate Waldron
Director of Business Operations
1400 Providence Highway, Suite 2000
Norwood, MA 02062
Phone: 781.352.4134
Fax: 781.551.8667
Cell: 617.680.1351
kwaldron@lan-tel.com
www.lan-tel.com

From: Andrew Murphy <andrew.murphy@boston.gov>
Sent: Thursday, March 24, 2016 1:50 PM EDT
To: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>
CC: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: LAN-TEL's FAC64 Contract Renewal

Excellent news. Thanks so much Kate.

Andrew

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

On Thu, Mar 24, 2016 at 1:36 PM, Kate Waldron<kwaldron@lan-tel.com> wrote:

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> LAN-TEL COMMUNICATIONS, INC.
>
> Kate Waldron
>
> Director of Business Operations
>
> 1400 Providence Highway, Suite 2000
>
> Norwood, MA 02062
>
> Phone: 781.352.4134
>
> Fax: 781.551.8667
>
> Cell: 617.680.1351
>
> kwaldron@lan-tel.com
>
> www.lan-tel.com

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Thursday, March 24, 2016 3:16 PM EDT
To: DVTEL Cameras <DVTEL Cameras <dvtel-cameras@pd.boston.gov>>; Mark Savage <Mark Savage <msavage@lan-tel.com>>; Eric W. Nisbet < Eric W. Nisbet <enisbet@lan-tel.com>>; Louie Madeira <Louie Madeira <louis.madeira@pd.boston.gov>>; Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
Subject: Cameras Down

It appears that a rolling power outage occurred knocking out 50 cameras . This happens at 1504 hours. Everything is back up except Centre and Columbus .

Respectfully ,

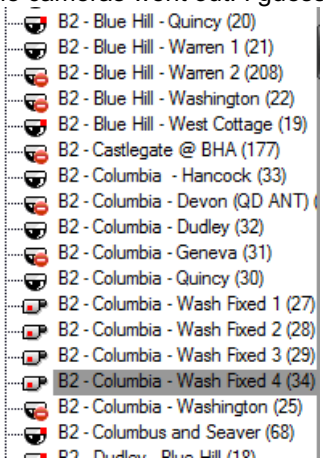
Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

From: Elizabeth Campbell <elizabeth.campbell@pd.boston.gov>
Sent: Thursday, March 24, 2016 3:20 PM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
CC: DVTEL Cameras <DVTEL Cameras <dvtel-cameras@pd.boston.gov>>; Mark Savage <Mark Savage <msavage@lan-tel.com>>; Eric W. Nisbet < Eric W. Nisbet <enisbet@lan-tel.com>>; Louie Madeira <Louie Madeira <louis.madeira@pd.boston.gov>>; Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
Subject: Re: Cameras Down

I still have a handful that are still down or not recording. The accident happened around 3:0 PM so that makes sense that the cameras went out. I guess the truck blew out a transformer at 310 Columbia Rd.



Liz Campbell
Crime Intelligence Analyst
Boston Regional Intelligence Center
Boston Police Department
Elizabeth.Campbell@pd.boston.gov
617-343-5217

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> ejohnson@lan-tel.com
> www.lan-tel.com

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Thursday, March 24, 2016 3:40 PM EDT
To: Elizabeth Campbell <Elizabeth Campbell <elizabeth.campbell@pd.boston.gov>>
CC: DVTEL Cameras <DVTEL Cameras <dvtel-cameras@pd.boston.gov>>; Mark Savage <Mark Savage <msavage@lan-tel.com>>; Eric W. Nisbet < Eric W. Nisbet <enisbet@lan-tel.com>>; Louie Madeira <Louie Madeira <louis.madeira@pd.boston.gov>>; Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
Subject: Re: Cameras Down
Attachment(s): "image.png"

Yes they should auto connect but I am online speeding up process

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
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Norwood, MA 02062

Cell: 617-413-2148
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Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Mar 24, 2016, at 3:20 PM, Elizabeth Campbell <elizabeth.campbell@pd.boston.gov> wrote:

> I still have a handful that are still down or not recording. The accident happened around 3:0 PM so that makes sense that the cameras went out. I guess the truck blew out a transformer at 310 Columbia Rd.
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> Liz Campbell
> Crime Intelligence Analyst
> Boston Regional Intelligence Center
> Boston Police Department
> Elizabeth.Campbell@pd.boston.gov
> 617-343-5217
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From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Thursday, March 24, 2016 4:23 PM EDT
To: Elizabeth Campbell <Elizabeth Campbell <elizabeth.campbell@pd.boston.gov>>
CC: DVTEL Cameras <DVTEL Cameras <dvtel-cameras@pd.boston.gov>>; Mark Savage <Mark Savage <msavage@lan-tel.com>>; Eric W. Nisbet < Eric W. Nisbet <enisbet@lan-tel.com>>; Louie Madeira <Louie Madeira <louis.madeira@pd.boston.gov>>; Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
Subject: Re: Cameras Down

Elizabeth
It looks like Centre and Columbus and Ipswich and Boylston will need a reset

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
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ejohnson@lan-tel.com
www.lan-tel.com

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--
You received this message because you are subscribed to the Google Groups "DVTEL Cameras (BRIC)" group.
To unsubscribe from this group and stop receiving emails from it, send an email to dvtel-cameras+unsubscribe@pd.boston.gov.

From: Eric W. Nisbet <enisbet@lan-tel.com>
Sent: Thursday, March 24, 2016 4:24 PM EDT
To: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Elizabeth Campbell <Elizabeth Campbell <elizabeth.campbell@pd.boston.gov>>
CC: DVTEL Cameras <DVTEL Cameras <dvtel-cameras@pd.boston.gov>>; Mark Savage <Mark Savage <msavage@lan-tel.com>>; Louie Madeira <Louie Madeira <louis.madeira@pd.boston.gov>>; Andrew Murphy < Andrew Murphy <andrew.murphy@boston.gov>>
Subject: RE: Cameras Down

Ipswitch and Boylston was down earlier today atound 1:00. Just FYI

Eric

-------- Original message --------
From: Eric Johnson <ejohnson@Lan-Tel.com>
Date: 03/24/2016 4:23 PM (GMT-05:00)
To: Elizabeth Campbell <elizabeth.campbell@pd.boston.gov>
Cc: DVTEL Cameras <dvtel-cameras@pd.boston.gov>, Mark Savage <msavage@lan-tel.com>, "Eric W. Nisbet" <enisbet@lan-tel.com>, Louie Madeira <louis.madeira@pd.boston.gov>, Andrew Murphy <andrew.murphy@boston.gov>
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Respectfully ,

Eric Johnson
Project Manager
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ejohnson@lan-tel.com
www.lan-tel.com

On Mar 24, 2016, at 3:40 PM, Eric Johnson <ejohnson@Lan-Tel.com> wrote:

> Yes they should auto connect but I am online speeding up process
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> Respectfully ,
>
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> Project Manager
> Lan-Tel Communications
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> On Mar 24, 2016, at 3:20 PM, Elizabeth Campbell <elizabeth.campbell@pd.boston.gov> wrote:
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>> <image.png>
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>> Liz Campbell

Crime Intelligence Analyst
Boston Regional Intelligence Center
Boston Police Department
Elizabeth.Campbell@pd.boston.gov
617-343-5217

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From: Elizabeth Campbell <elizabeth.campbell@pd.boston.gov>
Sent: Thursday, March 24, 2016 4:27 PM EDT
To: Eric W. Nisbet < Eric W. Nisbet <enisbet@lan-tel.com>>
CC: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; DVTEL Cameras <DVTEL Cameras <dvtel-cameras@pd.boston.gov>>; Mark Savage <Mark Savage <msavage@lan-tel.com>>; Louie Madeira <Louie Madeira <louis.madeira@pd.boston.gov>>; Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
Subject: Re: Cameras Down

Okay great thanks! Neither one is coming up for me as of right now

Liz Campbell
Crime Intelligence Analyst
Boston Regional Intelligence Center
Boston Police Department
Elizabeth.Campbell@pd.boston.gov
617-343-5217

On Thu, Mar 24, 2016 at 4:24 PM, Eric W. Nisbet<enisbet@lan-tel.com> wrote:

> Ipswitch and Boylston was down earlier today atound 1:00. Just FYI
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> From: Eric Johnson <ejohnson@Lan-Tel.com>
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From: Linda Calnan <linda.calnan@boston.gov>
Sent: Monday, March 28, 2016 9:31 AM EDT
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; zpena@genetec.com <zpena@genetec.com>; bhenry@mbta.com <bhenry@mbta.com>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Abhishek Khule <Abhishek Khule <akhule@bphc.org>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Daniel Keeler <Daniel Keeler <daniel.keeler@pd.boston.gov>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis.Medeira@pd.boston.gov <Louis.Medeira@pd.boston.gov>
Subject: Security Camera Status Report for 3/30 Meeting
Attachment(s): "Security Camera Strategy Meeting_3-30-2016.docx"

Good morning,
Attached is the current status report for the Security Camera Strategy Meeting. Our next meeting is this Wed, 3/30, at 9:00am. Please plan to dial in for this meeting as I will be remote, for this week only.

Reminder: We are meeting weekly until the Marathon.

Thanks.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

Security Camera Strategy
Status Meeting

Time: Next meeting: Wednesday, 3/30/2016, 9:00AM – 10:00AM

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

Called by: Linda Calnan x2875

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

I. Agenda-Locations / Meeting Notes / Action Items

Locations: (Updates in blue:)

- **Public Health - Jeff, Abhishek**
  - **203 River Street / EMS Storage Facility – BPHC to review and approve quote to purchase licenses. 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. – Siemens to provide final quote. Note: wiring termination point must be to new/upgraded electrical outlets and/or closets.** The commissioner of property mgt would like to replace all the interior cameras along with what has already been surveyed. – Waiting on Leon Graves, legal, and Joe Callahan, for funding. Mike Flaherty managing.

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

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

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

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

Security Camera Strategy
Status Meeting

- **Boston Housing Authority** – MOU done. Shawn and Vinny pushing this forward. (300 cameras, 34 facilities.)
- **Canterbury Street, Public Works (Comcast) (Warehouse for city lighting-theft & security issues)** – **Quote due this week ~16 cameras and local archiver.** 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 once contract with Crown Castle is completed. When connectivity complete, cameras will connect in to our Genetec system. Two cameras have been set up on a temporary basis via Wifi.

- **Faneuil Hall – Ancient & Honorable – Mike – Completed 3/24. Trialing Access 180 degree camera. Will be removed for next week's meeting.**

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

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

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

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

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

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

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

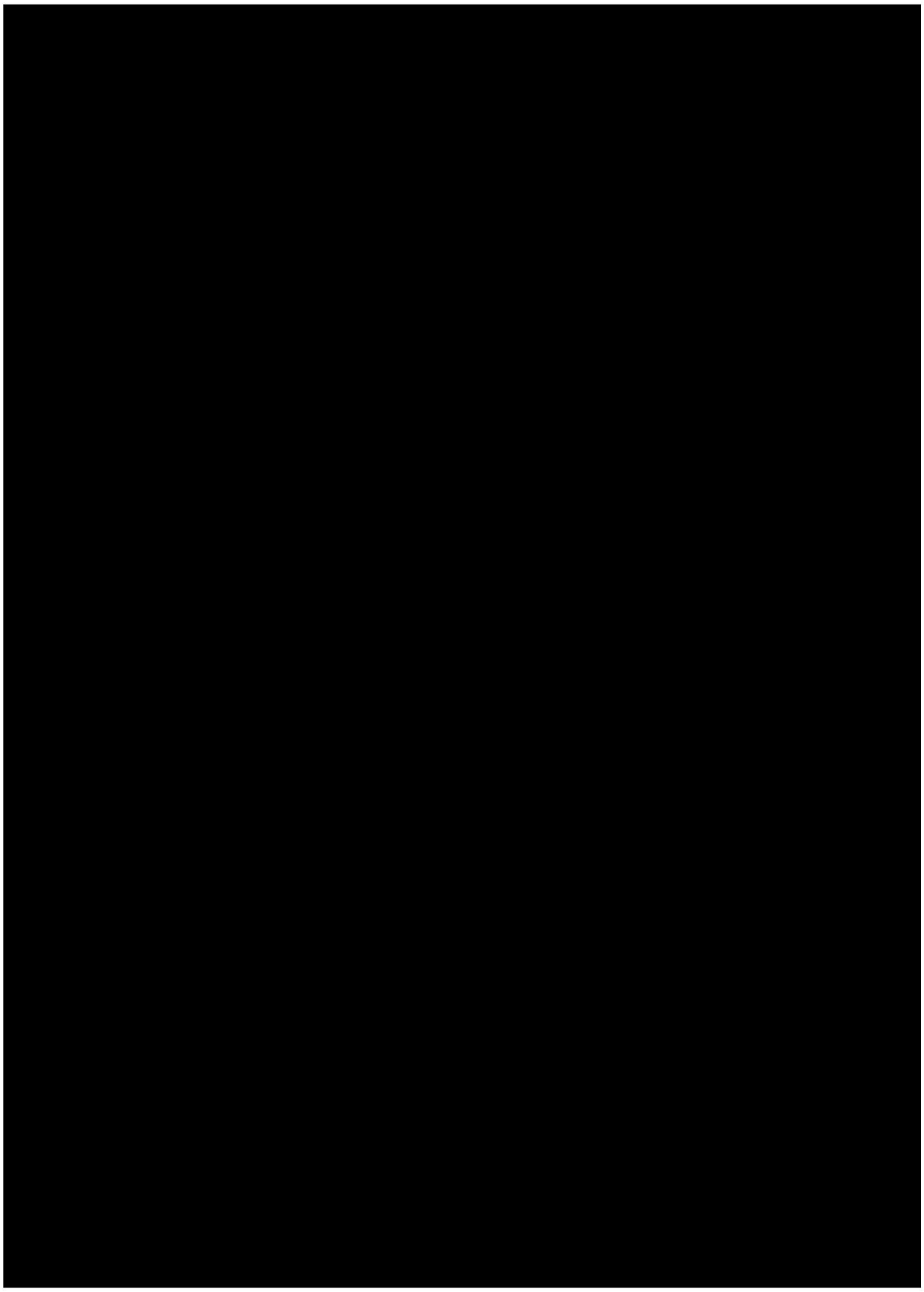
II. On weekly schedule until Marathon.

Security Camera Strategy
Status Meeting

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

Security Camera Strategy
Status Meeting

Appendix A



From: Vickie Balaschi <VBalaschi@Lan-Tel.com>
Sent: Monday, March 28, 2016 10:05 AM EDT
To: Andrew Murphy (andrew.murphy@boston.gov) < Andrew Murphy (andrew.murphy@boston.gov) <andrew.murphy@boston.gov>>
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
Subject: February 2016 CIMS Billing
Attachment(s): "Invoice #9914822.pdf","February 2016 CIMS Backup.xlsx"

Hi Andrew,

Please see the attached invoice and back up for February 2016 CIMS maintenance. Please feel free to reach out with any questions. Have a great day!

Thank you,
Vickie

LAN-TEL
COMMUNICATIONS, INC.

Vickie Balaschi
Marketing Manager
1400 Providence Highway, Suite 2000
Norwood, MA 02062
Phone: 781.352.4637
Fax: 781.551.8667
Cell: 774.766.8616
vbalaschi@lan-tel.com
www.lan-tel.com

From: Andrew Murphy <andrew.murphy@boston.gov>
Sent: Monday, March 28, 2016 10:18 AM EDT
To: Vickie Balaschi <Vickie Balaschi <VBalaschi@lan-tel.com>>
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: February 2016 CIMS Billing

Thanks very much Vickie. Eric, I'm wondering if you could provide a quick justification on why this invoice is the largest we've received in a year. We were hoping with all the other jurisdictions recently having undergone hardware upgrades the monthly maintenance costs would go down. Maybe there was a perfect storm of issues in February, which certainly happens, I'm just hoping you can offer some detail. We may also need to find a way to keep costs down on a monthly basis without sacrificing service. Thanks again.

Andrew

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

On Mon, Mar 28, 2016 at 10:05 AM, Vickie Balaschi<VBalaschi@lan-tel.com> wrote:

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> Vickie
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> LAN-TEL COMMUNICATIONS, INC.
>
> Vickie Balaschi
>
> Marketing Manager
>
> 1400 Providence Highway, Suite 2000
>
> Norwood, MA 02062
>
> Phone: 781.352.4637
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> Fax: 781.551.8667
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> Cell: 774.766.8616
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> vbalaschi@lan-tel.com
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> www.lan-tel.com

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, March 28, 2016 10:23 AM EDT
To: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
CC: Vickie Balaschi <Vickie Balaschi <VBalaschi@Lan-Tel.com>>; Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>
Subject: Re: February 2016 CIMS Billing

Andrew
Yes very quickly it is some are weather related and a few other things that did pop up network wise without going into detail now . I will give you a concise summary of what transpired for this Asap

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Mar 28, 2016, at 10:20 AM, Andrew Murphy <andrew.murphy@boston.gov> wrote:

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> > <image001.jpg>
> >
> > Vickie Balaschi
> >
> > Marketing Manager
> >
> > 1400 Providence Highway, Suite 2000

Norwood, MA 02062

Phone: 781.352.4637

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From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, March 28, 2016 1:04 PM EDT
To: Vickie Balaschi <Vickie Balaschi <VBalaschi@Lan-Tel.com>>; Andrew Murphy (andrew.murphy@boston.gov) < Andrew Murphy (andrew.murphy@boston.gov) <andrew.murphy@boston.gov>>
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>
Subject: Re: February 2016 CIMS Billing

Andrew :
The beginning of the month had some normal calls. We have had an issue with documented AT &T with interference issues at 300 Ocean Ave , Malden and Broadway and Seaview Towers. We have been working with AT &T on tweaking issues in a cost effective and operational way, but We had to ultimately move Malden and Broadway off the roof and relocate because this was the worst interference issue.

Winthrop wanted remote access to their Ipads. we worked them on connectivity through their network. So there was a small spike there for Winthrop. We had the same for Chief Kyes and Lt Griffin who wanted to see Chelsea cameras remotely on CIMS VPN since internal Chelsea corporate was too slow. We tried to accomodate both Chiefs and Admin staff.

We also have a higher amoung of calls associated with Shotspotter . We and the towns are staying on top of gunshots / camera movement and the return to home position after an activation by gunfire. Since we cannot automatically monitor the shottspotter integration between SSD and CIMS we are trying to bridge that gap for integrity.

Everett City Hall had a major problem with conduit on roof. The original install had PVC pipe and that has degraded due to weather and people walking on the conduit and what not . This brought on with failures to the system and needless resets . we made a decision to change to metal conduit and just get it done since the resets were taking down many cameras in this area.

Walnut Park had old antenna and camera mounts that were dangerous and needed to be addressed. Some of these mounts were installed in 2004 and some of the camera installs were performed by other city workers. Please keep in mind this has no combination of your email this past week on this site. None of this work is related to BPD upgrade inside radio room. That has not been started as far as I know.
This was a safety issue.

We also had a network issue in Revere, for some reason we had interference issues on a link form Comfort Inn to 250 Broadway. We have also seen a small rise in network ports failing on the Cisco switches provided by PSNET. While we have been working with PSNET on links like I discussed now and previously , we have also been out resetting and physically changing ports for antennas and cameras, this was the case here, coupled with an interference issue. . We also changed the paths of the antenna to a more friendlier line of site from 250 Broadway to Hyman Towers. While we did troubleshoot this link for a bit , it seemed cost effective to move to this new line of site topology since we couldn't guarantee that the interference wouldn't happen again. We also were trying to minimize down time for Revere so this was a spike in labor. They were the same parts and equipment , just reconfigured.

From the 11th on we had a higher amount of calls from storm related issues. Which we repaired cameras and replaced some parts with no equipment cost to CIMS. In one instance we worked with BONET crew to fix a problem quickly after hours.

I believe this month we had a higher amount of problems with infrastructure and storm related issues. I believe we will see more of a software / network related issues on accessories of the CIMS camera system (Shotspotter / Ipads/ archived footage review) since we have more officers involved and being proactive with using the system than ever before. I would like to point out that we maintain a daily average of less than 10 cameras down over 400 system wide cameras. This equates to approximate 97% uptime for 8 towns over 24 hours.

As always ,we try to respond diligently and in a cost effect manner (Like last week with system wide power area outage caused by truck into pole) we monitored remotely and did not dispatch for the sake of dispatching. This happens many times and behind the scenes at 10,00 feet. If you look at spread sheet will see pockets of issues not system wide issues, and to further your point of upgrade negates calls of service , many of these areas were not new edge sites cameras or antennas failing , but upstream to network and infrastructure problems. In Boston proper you will see it was areas that have not been upgraded yet. I would like to involve you more with the bigger correspondence so to keep you in loop when the bigger brass are involved.

As always I can provide more information and or meet to discuss.

Thanks
Eric

From: Vickie Balaschi
Sent: Monday, March 28, 2016 10:05 AM
To: Andrew Murphy (andrew.murphy@boston.gov)

Cc: Kate Waldron; Eric Johnson
Subject: February 2016 CIMS Billing

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From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, March 28, 2016 1:22 PM EDT
To: DVTEL Cameras <DVTEL Cameras <dvtel-cameras@pd.boston.gov>>; John Surette <John Surette <john.surette@pd.boston.gov>>; Mark Savage <Mark Savage <msavage@lan-tel.com>>; Louie Madeira < Louie Madeira <louis.madeira@pd.boston.gov>>; Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
Subject: St Margaret's Dorchester

Lou / All
It appears that this Hub is down its been down for over an hour .it is affecting Columbia and Dudley/ Wendover camera area We are monitoring . Is BPD radio equipment down since it is in same cage ? We have no access to cage area . If we need to dispatch we will need BPD communications with us for access.

Please advise

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
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From: Shawn Romanoski <shawn.romanoski@pd.boston.gov>
Sent: Monday, March 28, 2016 1:29 PM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
CC: DVTEL Cameras <DVTEL Cameras <dvtel-cameras@pd.boston.gov>>; John Surette <John Surette <john.surette@pd.boston.gov>>; Mark Savage <Mark Savage <msavage@lan-tel.com>>; Louie Madeira <Louie Madeira <louis.madeira@pd.boston.gov>>; Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
Subject: Re: St Margaret's Dorchester

All radio equipment is off-line at St. Mary's it appears to be a power outage.

Shawn Romanoski
Director of Telecommunications
Boston Police Dept.
(617) 594-2994

On Mar 28, 2016, at 1:23 PM, Eric Johnson <ejohnson@lan-tel.com> wrote:

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From: John Surette <john.surette@pd.boston.gov>
Sent: Monday, March 28, 2016 3:35 PM EDT
To: Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
CC: DVTEL Cameras (BRIC) < DVTEL Cameras (BRIC) <dvtel-cameras@pd.boston.gov>>; Mark Savage <Mark Savage <msavage@lan-tel.com>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
Subject: RE: St Margaret's Dorchester

Power is back on at the site as of 1400.

-John

John Surette
Telecommunications Division
Boston Police Department
617-343-4620

From: Shawn Romanoski [mailto:shawn.romanoski@pd.boston.gov]
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To: Eric Johnson
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> ejohnson@lan-tel.com
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From: Louis Madeira <louis.madeira@pd.boston.gov>
Sent: Monday, March 28, 2016 3:36 PM EDT
To: John Surette <John Surette <john.surette@pd.boston.gov>>
CC: Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; DVTEL Cameras (BRIC) < DVTEL Cameras (BRIC) <dvtel-cameras@pd.boston.gov>>; Mark Savage <Mark Savage <msavage@lan-tel.com>>; Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
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Subject: Re: St Margaret's Dorchester

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Director of Telecommunications

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Phone: 781-352-4656

Fax: 781-551-8667

ejohnson@lan-tel.com

www.lan-tel.com

--
P.O. Lou Madeira
Boston Police Department
Bureau of Administration & Technology
Communications Division
Cell (617) 991-6672

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, March 28, 2016 3:37 PM EDT
To: Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>
CC: John Surette <John Surette <john.surette@pd.boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; DVTEL Cameras (BRIC) < DVTEL Cameras (BRIC) <dvtel-cameras@pd.boston.gov>>; Mark Savage <Mark Savage <msavage@lan-tel.com>>; Andrew Murphy < Andrew Murphy <andrew.murphy@boston.gov>>
Subject: Re: St Margaret's Dorchester

I see them up

Respectfully ,

Eric Johnson
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> > **Cc:** DVTEL Cameras; John Surette; Mark Savage; Louie Madeira; Andrew Murphy
> > **Subject:** Re: St Margaret's Dorchester
> >
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> >
> > Shawn Romanoski
> >
> > Director of Telecommunications
> >
> > Boston Police Dept.
> >
> > (617) 594-2994

On Mar 28, 2016, at 1:23 PM, Eric Johnson <ejohnson@lan-tel.com> wrote:

Lou / All

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Please advise

Respectfully ,

Eric Johnson

Project Manager

Lan-Tel Communications

1400 Providence Highway, Suite 2000

Norwood, MA 02062

Cell: 617-413-2148

Phone: 781-352-4656

Fax: 781-551-8667

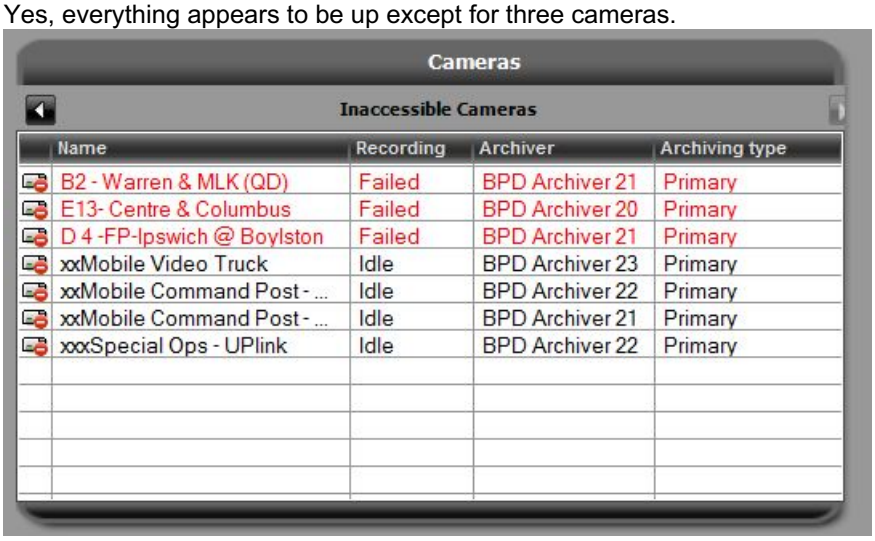
ejohnson@lan-tel.com

www.lan-tel.com

--
P.O. Lou Madeira
Boston Police Department
Bureau of Administration & Technology
Communications Division
Cell (617) 991-6672

From: Louis Madeira <louis.madeira@pd.boston.gov>
Sent: Monday, March 28, 2016 3:43 PM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
CC: John Surette <John Surette <john.surette@pd.boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; DVTEL Cameras (BRIC) < DVTEL Cameras (BRIC) <dvtel-cameras@pd.boston.gov>>; Mark Savage <Mark Savage <msavage@lan-tel.com>>; Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
Subject: Re: St Margaret's Dorchester

Yes, everything appears to be up except for three cameras.



Name	Recording	Archiver	Archiving type
B2 - Warren & MLK (QD)	Failed	BPD Archiver 21	Primary
E13- Centre & Columbus	Failed	BPD Archiver 20	Primary
D 4 -FP-Ipswich @ Boylston	Failed	BPD Archiver 21	Primary
xxMobile Video Truck	Idle	BPD Archiver 23	Primary
xxMobile Command Post - ...	Idle	BPD Archiver 22	Primary
xxMobile Command Post - ...	Idle	BPD Archiver 21	Primary
xxxSpecial Ops - UPlink	Idle	BPD Archiver 22	Primary

On Mon, Mar 28, 2016 at 3:37 PM, Eric Johnson<ejohnson@lan-tel.com> wrote:

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> > > John Surette
> > > Telecommunications Division
> > > Boston Police Department

617-343-4620

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Sent: Monday, March 28, 2016 1:29 PM
To: Eric Johnson
Cc: DVTEL Cameras; John Surette; Mark Savage; Louie Madeira; Andrew Murphy
Subject: Re: St Margaret's Dorchester

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Cell (617) 991-6672

From: Louis Madeira <louis.madeira@pd.boston.gov>
Sent: Monday, March 28, 2016 3:45 PM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
CC: John Surette <John Surette <john.surette@pd.boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; DVTEL Cameras (BRIC) < DVTEL Cameras (BRIC) <dvtel-cameras@pd.boston.gov>>; Mark Savage <Mark Savage <msavage@lan-tel.com>>; Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
Subject: Re: St Margaret's Dorchester

I'll drive by MLK and Warren to make sure that a pole isn't down.

On Mon, Mar 28, 2016 at 3:37 PM, Eric Johnson<ejohnson@lan-tel.com> wrote:

> I see them up
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> Respectfully ,
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> Eric Johnson
> Project Manager
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Boston Police Dept.

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To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
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Sent from my iPhone

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Boston Police Dept.

(617) 594-2994

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P.O. Lou Madeira
Boston Police Department
Bureau of Administration & Technology
Communications Division
Cell (617) 991-6672

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, March 28, 2016 4:19 PM EDT
To: Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>
CC: John Surette <John Surette <john.surette@pd.boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; DVTEL Cameras (BRIC) < DVTEL Cameras (BRIC) <dvtel-cameras@pd.boston.gov>>; Mark Savage <Mark Savage <msavage@lan-tel.com>>; Andrew Murphy < Andrew Murphy <andrew.murphy@boston.gov>>
Subject: Re: St Margaret's Dorchester

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MLK and Warren is a modem

The other two are down at the hubs
Boston Arts Academy roof

1500 Walnut roof
We have on list to reset

Respectfully ,

Eric Johnson
Project Manager
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Great. Thanks Eric

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Subject: Re: St Margaret's Dorchester

MLK all set modem reconnected to network we have video

Respectfully ,

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P.O. Lou Madeira
Boston Police Department
Bureau of Administration & Technology
Communications Division
Cell (617) 991-6672

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Wednesday, March 30, 2016 7:43 AM EDT
To: Abhishek Khule <Abhishek Khule <akhule@bphc.org>>; Conor McDavitt <Conor McDavitt <conor.mcdavitt@siemens.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Beers, Jeff; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Larry Louis <Larry Louis <larry.louis@boston.gov>>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; zpena@genetec.com <zpena@genetec.com>; Deloriea, Tom; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; bhenry@mbta.com <bhenry@mbta.com>; Reidy, Richard; Daniel Keeler <Daniel Keeler <daniel.keeler@pd.boston.gov>>; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Vasconcelos, Nelson; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Louis.Medeira@pd.boston.gov <Louis.Medeira@pd.boston.gov>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Thomas, Ian; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>
Subject: Re: Security Camera Status Report for 3/30 Meeting

Good morning,
Friendly reminder to dial in today. Bridge #: 866-715-6967 / 4466461#.

Thanks.

On Mar 28, 2016 9:31 AM, "Linda Calnan" <linda.calnan@boston.gov> wrote:

> Good morning,
> Attached is the current status report for the Security Camera Strategy Meeting. Our next meeting is this Wed, 3/30, at 9:00am. Please plan to dial in for this meeting as I will be remote, for this week only.
>
> Reminder: We are meeting weekly until the Marathon.
>
> Thanks.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Michael Kane <michael.kane@boston.gov>
Sent: Wednesday, March 30, 2016 9:02 AM EDT
To: Linda Calnan <Linda Calnan <linda.calnan@boston.gov>>; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Vin Stancato <Vin Stancato <vstancato@lan-tel.com>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Eric Nisbet <Eric Nisbet <enisbet@lan-tel.com>>
CC: Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Robert Sullivan <Robert Sullivan <Robert.Sullivan@boston.gov>>
Subject: Re: Mike Kane: MBTA VIDSYS SERVER At BRAGDON UPDATE

Adding Lan-tel if they can give a hand

Michael Kane
Logistics Section
City of Boston
Office of Emergency Management
617-343-2413
617-895-7215

On Mar 28, 2016, at 11:10, Michael Kane <michael.kane@boston.gov> wrote:

> Linda and Brett,
>
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> Can you give me a hand and walk me through this at some point today.
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>
> Mike
>
> ---------- Forwarded message ----------
> From: **Thomas, Ian** <ithomas@vidsys.com>
> Date: Mon, Mar 28, 2016 at 10:29 AM
> Subject: RE: Short "How to" session
> To: Louis Madeira <louis.madeira@pd.boston.gov>
>
> Hi Louis,
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> Ian
>
> **Ian Thomas**
>
> **Technical Program Manager**
>
> <image001.png>
>
> ***Marlborough Development Center***

293 Boston Post Road West, Suite 310

Marlborough, Massachusetts 01752, USA

+1 (508) 485-2900 Ext49 office

+1 (508) 272-6693 mobile

ithomas@vidsys.com

www.vidsys.com

From: Louis Madeira [mailto:louis.madeira@pd.boston.gov]
Sent: Monday, March 28, 2016 10:13 AM
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Subject: Re: Short "How to" session

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Ian

Ian Thomas

Technical Program Manager

<image001.png>

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Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

<vidsys issue MBTA Stream 3.28.16.PNG>

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, March 30, 2016 11:03 AM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
CC: Linda Calnan <Linda Calnan <linda.calnan@boston.gov>>; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; Eric W. Nisbet < Eric W. Nisbet <enisbet@lan-tel.com>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Robert Sullivan <Robert Sullivan <Robert.Sullivan@boston.gov>>
Subject: Re: Mike Kane: MBTA VIDSYS SERVER At BRAGDON UPDATE

Will be in touch

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

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Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

<vidsys issue MBTA Stream 3.28.16.PNG>

From: Michael Kane <michael.kane@boston.gov>
Sent: Wednesday, March 30, 2016 11:16 AM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: Mike Kane: MBTA VIDSYS SERVER At BRAGDON UPDATE

Thanks Eric

Michael Kane
Logistics Section
City of Boston
Office of Emergency Management
617-343-2413
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85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

<vidsys issue MBTA Stream 3.28.16.PNG>

From: Michael Kane <michael.kane@boston.gov>
Sent: Thursday, March 31, 2016 8:39 AM EDT
To: Linda Calnan <Linda Calnan <linda.calnan@boston.gov>>
CC: Vin Stancato <Vin Stancato <vstancato@lan-tel.com>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
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Michael Kane
Logistics Section
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<vidsys issue MBTA Stream 3.28.16.PNG>

From: Michael Kane <michael.kane@boston.gov>
Sent: Thursday, March 31, 2016 10:37 AM EDT
To: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
CC: Linda Calnan <Linda Calnan <linda.calnan@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: Mike Kane: MBTA VIDSYS SERVER At BRAGDON UPDATE

Thanks again Andrew. Once we get license i will work with Shawn or LanTel on setup

Michael Kane
Logistics Section
City of Boston
Office of Emergency Management
617-343-2413
617-895-7215

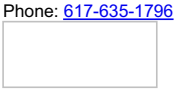
On Mar 31, 2016, at 10:15, Andrew Murphy <andrew.murphy@boston.gov> wrote:

> See the attached dispatched PO for Windows for the Mac at the EOC. Someone will have to access Dell's VLA system to download the software which likely can't happen until VMware is installed and set up on the Mac. I believe there are only 3 people from BPD who have access otherwise DoIT would have to assist. Thanks.
>
> Andrew

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

On Thu, Mar 31, 2016 at 9:34 AM, Michael Kane<michael.kane@boston.gov> wrote:

> Yes the windows thanks murph.
>
> Michael Kane
> Logistics Section
> City of Boston
> Office of Emergency Management
> 617-343-2413
> 617-895-7215
>
> On Mar 31, 2016, at 09:31, Andrew Murphy <andrew.murphy@boston.gov> wrote:
>
> > I'm not sure I follow the thread here. Is this in regards to the Windows procurement? If so the PO was created yesterday. I can see if Auditing will manually dispatch today. Thanks.
> >
> > ---
> >
> > **Andrew Murphy**
> > **Regional Planner**
> >
> > **Office of Emergency Management (OEM)**
> > Boston City Hall, Room 204 | Boston, MA 02201
> > Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov
> >
> > 
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> >
> > > Ok
> > >
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Office of Emergency Management
617-343-2413
617-895-7215

On Mar 31, 2016, at 09:09, Linda Calnan <linda.calnan@boston.gov> wrote:

> Dan had mentioned on our call yesterday that DoIT does not support Mac. I will review this with Dan once more and report back.
>
>
>
> **Linda Calnan**
> **Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston**
>
> 1 City Hall Square, Room 109
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> D: 617-635-2875
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> linda.calnan@boston.gov
>
> On Thu, Mar 31, 2016 at 9:05 AM, Michael Kane<michael.kane@boston.gov> wrote:
>
> > My understanding is that comes through Doits budget. Murph is that correct or is OEM procuring the license?
> >
> > Michael Kane
> > Logistics Section
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> > 617-343-2413
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> >
> > On Mar 31, 2016, at 08:52, Linda Calnan <linda.calnan@boston.gov> wrote:
> >
> > > Ok great. Also, had you talked to Shawn about purchasing the Microsoft license? No rush, just following up.
> > >
> > > Thanks.
> > >
> > >
> > >
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Technical Program Manager

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<PO 666156 EOC Mac Windows.pdf>

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To: Vin Stancato <Vin Stancato <vstancato@lan-tel.com>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
CC: Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>
Subject: Oem : are you stopping by tomorrow to grab the workstation log

Thanks Mike

Michael Kane
Logistics Section
City of Boston
Office of Emergency Management
617-343-2413
617-895-7215

From: Andrew Murphy <andrew.murphy@boston.gov>
Sent: Thursday, March 31, 2016 3:30 PM EDT
To: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
Subject: CIMS over PSnet

Hi Eric. I'm trying to get an understanding of how critical PSnet is to CIMS. Do any of the jurisdictions rely completely on PSnet to view their cameras? It's my understanding in order to view cameras from another jurisdiction PSnet would have to be involved. Do you have any knowledge of this? Thanks.

Andrew

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Thursday, March 31, 2016 9:14 PM EDT
To: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
Subject: Re: CIMS over PSnet

Andrew sorry for late reply and this might be long to answer . In my opinion PSNET oversees the routers and switches that most of our hub sites plug into .

For instance Whidden Hospital . We run a lot of edge antennas to this site and connect into the same switch that is connected into the back hauls that path to Soldiers home and 25 Highland in Somerville etc. So in this instance the answer is yes on paper, but .....in my estimation it's only because they "maintain" the switch that I plug into. MY further opinion is that there is no special sauce to accomplish what they are doing .

Back in the day in 2007 we / I built this network out and maintained the original routers / switches and Backhauls and it was ALL called CIMS . It was then determined years later that Interisle have a demarcation of the Backhauls / routers / switches at these same hub sites (and we would be responsible from edge sites to hub) . The term PSNET slowly evolved regarding these Backhauls switches and routers and In some discussions Interisle then started calling the whole network PSNET .

Again in my opinion I don't see anything different in this network other than Chuck installing 20 year old switches and routers and embellishing the name of PSNET . It's same same topology , same paths , same Backhauls , just different switches and routers . If INTERISLE went out of business tomorrow Pretty much anyone could change to present day switches and routers , maintain the antenna Backhauls and things would hum along just like 2007 for video .....

.....Now what we don't know is what Chuck has configured for radio traffic on this network . The original concept for this network in 2007 was for video and "data" ...Never radio . You have to build a carrier class system with more bells and whistles to achieve reliability of not having packet loss etc. Video can adapt better to packet loss than voice.

I hope this helps , I could probably explain better verbally .

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Mar 31, 2016, at 3:30 PM, Andrew Murphy <andrew.murphy@boston.gov> wrote:

> Hi Eric. I'm trying to get an understanding of how critical PSnet is to CIMS. Do any of the jurisdictions rely completely on PSnet to view their cameras? It's my understanding in order to view cameras from another jurisdiction PSnet would have to be involved. Do you have any knowledge of this? Thanks.
>
> Andrew

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Friday, April 01, 2016 11:14 AM EDT
To: DVTEL Cameras <DVTEL Cameras <dvtel-cameras@pd.boston.gov>>; Louie Madeira <Louie Madeira <louis.madeira@pd.boston.gov>>; Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
Subject: Antenna Maint

Fixing antenna on ritz could see sporadic cameras down in this area

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

From: Chuck Wade <Chuck@Interisle.net>
Sent: Friday, April 01, 2016 5:06 PM EDT
To: Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Scott Wilder <Scott Wilder <SWilder@BrooklineMA.gov>>; Gerry Reardon <Gerry Reardon <GReardon@CambridgeFire.Org>>
CC: David Menzies <David Menzies <David.Menzies@D2Five.com>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Mark Savage <Mark Savage <MSavage@LAN-TEL.com>>; Fred Goldstein <Fred Goldstein <Fred@Interisle.net>>; Colin Strutt <Colin Strutt <Colin@Interisle.net>>
Subject: PSnet/CIMS: Update on JFK to Somerville PD link and Boston Ritz Carlton site
Attachment(s): "smime.p7s"

Eamon, Brenda, et al.,

This morning, Mark Savage from LAN-TEL was able to get to the JFK site and replaced the power supply that had failed for the DragonWave Horizon microwave link to Somerville PD. This important link is now back up, and Somerville has a second path into the PSnet backbone. Thank you, Mark. As an aside, it should be noted that most of Somerville's cameras are reached either via the Cambridge [former] Courthouse, or via the JFK site, both outside the jurisdiction of Somerville.

Later in the morning, Mark went to the CIMS installation on the roof of the Ritz Carlton in downtown Boston, and disconnected the microwave link that originally connected this site to the JFK building. He then connected the two cameras and the microwave links to other cameras into a PSnet switch that he had installed previously. This switch is in turn connected via a microwave link from the Ritz Carlton site to the MIT Eastgate residence hall just on the other side of the Longfellow Bridge. The MIT Eastgate site is connected via MIT and City of Cambridge fiber to the Level 3 and Courthouse sites that provide both fiber and microwave connections eventually getting to Boston's DVTEL servers at Schroeder Plaza.

I worked with Mark on this cutover, and changed the routing in the PSnet backbone so the Ritz Carlton cameras are now reached via the MIT Eastgate site, instead of the JFK building. The Ritz Carlton cameras and associated cameras at Downtown Crossing are now on a much faster, higher quality link that avoids most of the interference in the downtown area. We've leveraged resources that span jurisdictions and agencies to knit this together, but at very modest incremental cost. Today's accomplishments also reflect the teamwork and resource sharing that goes on constantly between the PSnet and CIMS teams, with the net result that we get much better resource utilization without duplication. We have also collaborated with the City of Cambridge and MIT to build out the underlying network facilities. The original "application" that established a PSnet presence at the MIT Eastgate facility was the deployment of public safety radios at this site that are tied back to the P25 Core at Schroeder. Now, we've been able to solve another problem of establishing a clean microwave link to the Ritz Carlton CIMS site in Boston so that these cameras can be reached reliably from Schroeder Plaza.

...Chuck
--

Chuck Wade, Principal
Interisle Consulting Group
+1 508 435-3050 Office
+1 508 277-6439 Mobile
www.interisle.net

From: Reardon, Gerry <GReardon@CambridgeFire.Org>
Sent: Friday, April 01, 2016 5:10 PM EDT
To: Chuck Wade <Chuck Wade <Chuck@Interisle.net>>
CC: Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Scott Wilder <Scott Wilder <SWilder@BrooklineMA.gov>>; David Menzies < David Menzies <David.Menzies@D2Five.com>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Mark Savage < Mark Savage <MSavage@LAN-TEL.com>>; Fred Goldstein <Fred Goldstein <Fred@Interisle.net>>; Colin Strutt < Colin Strutt <Colin@Interisle.net>>
Subject: Re: PSnet/CIMS: Update on JFK to Somerville PD link and Boston Ritz Carlton site

Thank you all good collaboration.

Sent from my iPhone

On Apr 1, 2016, at 17:07, Chuck Wade <Chuck@Interisle.net> wrote:

> Eamon, Brenda, et al.,
>
> This morning, Mark Savage from LAN-TEL was able to get to the JFK site and replaced the power supply that had failed for the DragonWave Horizon microwave link to Somerville PD. This important link is now back up, and Somerville has a second path into the PSnet backbone. Thank you, Mark. As an aside, it should be noted that most of Somerville's cameras are reached either via the Cambridge [former] Courthouse, or via the JFK site, both outside the jurisdiction of Somerville.
>
> Later in the morning, Mark went to the CIMS installation on the roof of the Ritz Carlton in downtown Boston, and disconnected the microwave link that originally connected this site to the JFK building. He then connected the two cameras and the microwave links to other cameras into a PSnet switch that he had installed previously. This switch is in turn connected via a microwave link from the Ritz Carlton site to the MIT Eastgate residence hall just on the other side of the Longfellow Bridge. The MIT Eastgate site is connected via MIT and City of Cambridge fiber to the Level 3 and Courthouse sites that provide both fiber and microwave connections eventually getting to Boston's DVTEL servers at Schroeder Plaza.
>
> I worked with Mark on this cutover, and changed the routing in the PSnet backbone so the Ritz Carlton cameras are now reached via the MIT Eastgate site, instead of the JFK building. The Ritz Carlton cameras and associated cameras at Downtown Crossing are now on a much faster, higher quality link that avoids most of the interference in the downtown area. We've leveraged resources that span jurisdictions and agencies to knit this together, but at very modest incremental cost. Today's accomplishments also reflect the teamwork and resource sharing that goes on constantly between the PSnet and CIMS teams, with the net result that we get much better resource utilization without duplication. We have also collaborated with the City of Cambridge and MIT to build out the underlying network facilities. The original "application" that established a PSnet presence at the MIT Eastgate facility was the deployment of public safety radios at this site that are tied back to the P25 Core at Schroeder. Now, we've been able to solve another problem of establishing a clean microwave link to the Ritz Carlton CIMS site in Boston so that these cameras can be reached reliably from Schroeder Plaza.
>
> ...Chuck
> --

Chuck Wade, Principal
Interisle Consulting Group
+1 508 435-3050 Office
+1 508 277-6439 Mobile
www.interisle.net

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, April 05, 2016 4:35 PM EDT
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; zpena@genetec.com <zpena@genetec.com>; bhenry@mbta.com <bhenry@mbta.com>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Abhishek Khule <Abhishek Khule <akhule@bphc.org>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Daniel Keeler <Daniel Keeler <daniel.keeler@pd.boston.gov>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>
Subject: Security Camera Status Update for Tomorrow's Meeting
Attachment(s): "Security Camera Strategy Meeting_4-6-2016.docx"

Attached for review tomorrow.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

Security Camera Strategy
Status Meeting – 4/6/16

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

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

Called by: Linda Calnan x2875

I. Agenda-Locations / Meeting Notes / Action Items

Locations: (Updates in blue:)

- **Public Health - Jeff, Abhishek**
  - **203 River Street / EMS Storage Facility – BPHC has approved quote to purchase licenses.** 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. – Electrical work complete. Cabling to roof to begin in next couple of weeks.** Note: wiring termination point must be to new/upgraded electrical outlets and/or closets. The commissioner of property mgt would like to replace all the interior cameras along with what has already been surveyed. Mike Flaherty managing.

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

- **Boston Housing Authority –** MOU complete. Shawn and Vinny pushing this forward. (300 cameras, 34 facilities.)
- **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 – No new update – waiting on contract completion**. Goal is to run fiber lateral to be run; Procurement & Linda to initiate bid process once contract with Crown Castle is completed. When connectivity complete, cameras will connect in to our Genetec system. Two cameras have been set up on a temporary basis via Wifi.

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

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

Security Camera Strategy
Status Meeting – 4/6/16

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

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

- **BPD HQ** – **Phase 2 to be reviewed with JPOC team on 4/4. Shawn to provide update.** Phase 1 approved, Phase 2 in OEM. 2 projects: a.) cameras outside and down towards 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 –** Lincoln Labs and camera vendors are now collaborating to advance this. DHS Sigma Program Presentation conducted 3/9.

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

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

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

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

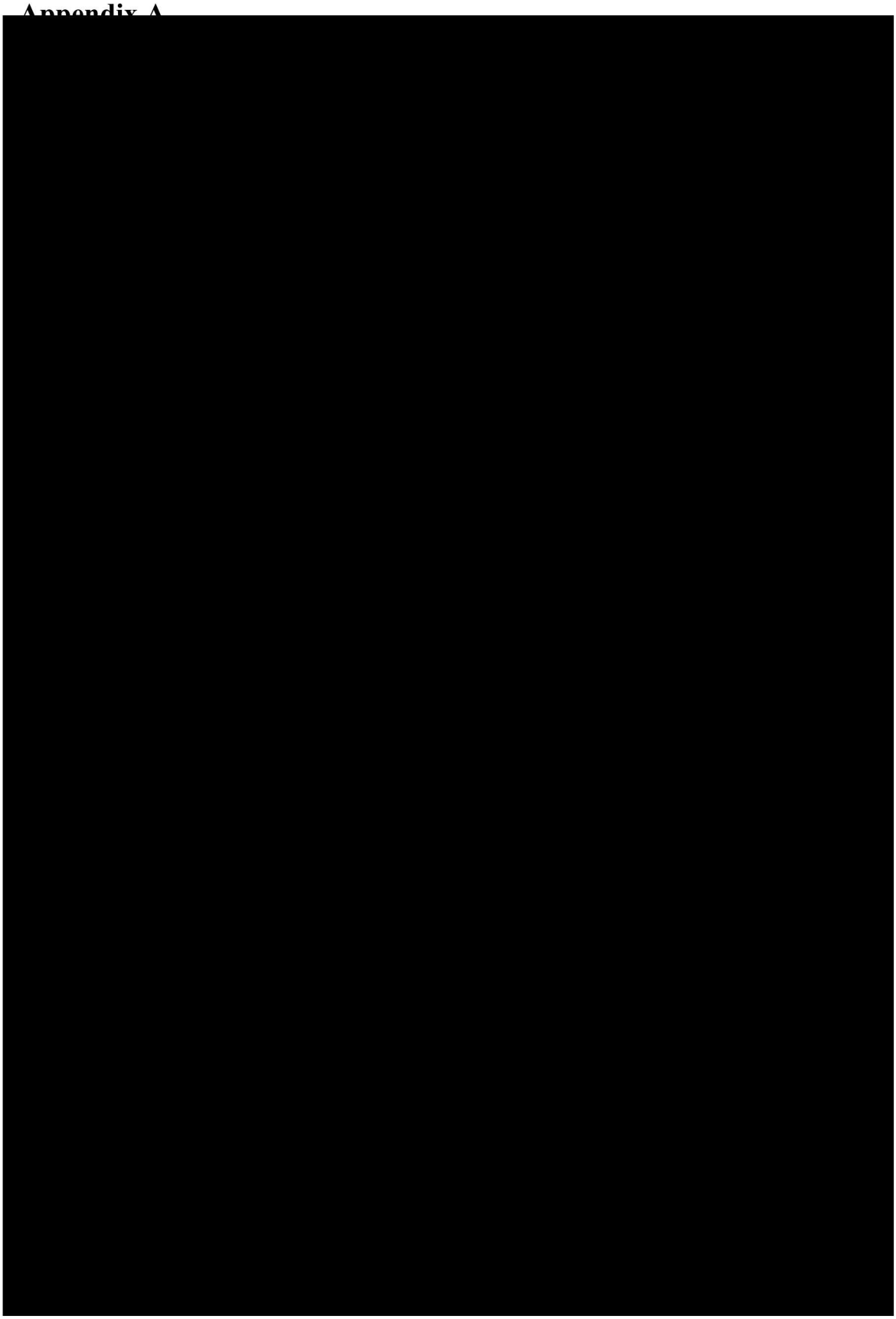
II. On weekly schedule until Marathon.

Security Camera Strategy
Status Meeting – 4/6/16

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

Security Camera Strategy
Status Meeting – 4/6/16

Appendix A



From: Michael Kane <michael.kane@boston.gov>
Sent: Tuesday, April 05, 2016 5:17 PM EDT
To: Linda Calnan <Linda Calnan <linda.calnan@boston.gov>>
CC: Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Vin Stancato <Vin Stancato <vstancato@lan-tel.com>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Rich Perito <Rich Perito <richard.perito@boston.gov>>
Subject: Re: Security Camera Status Update for Tomorrow's Meeting

Linda - I have a meeting with BPD and Capt Crossen so will need skip tomorrow.

I am still having the issues with MBTA workstation and the upload of VIDSYS.

Waiting on response back from Doit to get the logs off the workstation so LanTel can get the history.

Also waiting to hear on the Msft lic from the PO that OEM cut to Dell via Doit.

Many thanks,

Mike

Michael Kane
Logistics Section
City of Boston
Office of Emergency Management
617-343-2413
617-895-7215

On Apr 5, 2016, at 16:35, Linda Calnan <linda.calnan@boston.gov> wrote:

> Attached for review tomorrow.
>
> **Linda Calnan**
> **Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston**
>
> 1 City Hall Square, Room 109
> Boston, MA 02201
> D: 617-635-2875
> C: 781-738-2020
> linda.calnan@boston.gov
>
> <Security Camera Strategy Meeting_4-6-2016.docx>

From: Andrew Murphy <andrew.murphy@boston.gov>
Sent: Wednesday, April 06, 2016 3:30 PM EDT
To: Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Mike Kane <Mike Kane <michael.kane@boston.gov>>
CC: Mike Cunniffe <Mike Cunniffe <john.cunniffe@pd.boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; John Daley <John Daley <John.Daley@pd.boston.gov>>; Rene Fielding <Rene Fielding <rene.fielding@boston.gov>>
Subject: Re: VMware Order / License Confirmation 12490131

Good afternoon all. Just checking in on the status of the EOC Vidsys Mac computer as we're fast approaching Marathon Monday. The computer is onsite at the EOC, we just need someone to set it up on the network, install VMware, install Windows, and any other Vidsys or DVtel software necessary. Our hope is this can be taken care of early next week in order to iron out any kinks. Please let me know ASAP if you foresee any issues. Thanks very much.

Andrew

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

On Tue, Mar 22, 2016 at 7:50 AM, Andrew Murphy<andrew.murphy@boston.gov> wrote:

FYI all.

Andrew Murphy
Regional Planner

City of Boston
Office of Emergency Management

Sent from my iPhone

Begin forwarded message:

From: "VMware Customer Service" <vmwprod@vmware.com>
Date: March 21, 2016 at 6:02:52 PM EDT
To: "andrew.murphy@boston.gov" <andrew.murphy@boston.gov>
Subject: VMware Order / License Confirmation 12490131
Reply-To: vmwprod@vmware.com

Quick Links

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- Get My VMware Support
- Login To My VMware

VMware Order / License Confirmation 12490131

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Order Confirmation:

Order Date : MARCH 21, 2016
Order No : 12490131

Please refer to your order number in all of your communication with VMware.

My VMware Account Number: 864192861
My VMware Account Name: Mayor's Office Of Emergency Management
My VMware Procurement contact: John Boyle, VM-LICENSE@PD.BOSTON.GOV
My VMware Super User: John Boyle, VM-LICENSE@PD.BOSTON.GOV
My VMware Customer contact: andrew.murphy@boston.gov, Mayor's Office Of Emergency Management

PO Number: 103301348845
Reseller PO Number: PGR7181
End User PO Number: 665420

Bill To: Arrow Enterprise Computing Solutions, Inc.
7459 S Lima St. BLDGS 1 and 2 B/T-HOME OFFICE (COLORADO) ENGLEWOOD
CO 80112-3879 United States
Phone: --1111111111

Ship To: Mayor's Office Of Emergency Management
85 Bragdon St Roxbury MA MA 02119-1059 United States
Phone: --6176351400

Here are your license keys for Order# 12490131:

```
License key(s) for VMware Fusion 8 Pro, ESD (FUS8-PRO-C) :
HN034-6M016-08C93-0J3UK-C8J64                    1 COMPUTER(s)
```

******

Here are all the products for Order# 12490131:

Product	Quantity

VMware Fusion 8 Pro, ESD(FUS8-PRO-C)	1

For questions about payment, please contact ar@vmware.com

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* Consulting Services - VMware's Standard Consulting Services Terms .

* Enterprise Purchasing Program (EPP) - EPP Program Guide

* Subscription Purchasing Program (SPP) - SPP Program Guide

* Hybrid Purchasing Program (HPP) - HPP Program Guide

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Regards,

The VMware Team

VMware, Inc. 3401 Hillview Ave Palo Alto CA 94304 USA Tel 1-877-486-9273.
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From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, April 06, 2016 3:47 PM EDT
To: Eric W. Nisbet < Eric W. Nisbet <enisbet@lan-tel.com>>; Michael Kane <Michael Kane <michael.kane@boston.gov>>
Subject: Fwd: VMware Order / License Confirmation 12490131

Eric can you discuss with Mike on how we can help out? Were we waiting for MS software ?

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

Begin forwarded message:

> **From:** Andrew Murphy <andrew.murphy@boston.gov>
> **Date:** April 6, 2016 at 3:30:55 PM EDT
> **To:** Louis Madeira <louis.madeira@pd.boston.gov>, Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>, Mike Kane <michael.kane@boston.gov>
> **Cc:** Mike Cunniffe <john.cunniffe@pd.boston.gov>, Eric Johnson <ejohnson@lan-tel.com>, John Daley <John.Daley@pd.boston.gov>, Rene Fielding <rene.fielding@boston.gov>
> **Subject: Re: VMware Order / License Confirmation 12490131**
>
> Good afternoon all. Just checking in on the status of the EOC Vidsys Mac computer as we're fast approaching Marathon Monday. The computer is onsite at the EOC, we just need someone to set it up on the network, install VMware, install Windows, and any other Vidsys or DVtel software necessary. Our hope is this can be taken care of early next week in order to iron out any kinks. Please let me know ASAP if you foresee any issues. Thanks very much.
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> Andrew
>
> _____
>
> **Andrew Murphy**
> **Regional Planner**
>
> **Office of Emergency Management (OEM)**
> Boston City Hall, Room 204 | Boston, MA 02201
> Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov
>
> On Tue, Mar 22, 2016 at 7:50 AM, Andrew Murphy<andrew.murphy@boston.gov> wrote:
> FYI all.
>
> _____
>
> Andrew Murphy
> Regional Planner
>
> City of Boston
> Office of Emergency Management
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> > **From:** "VMware Customer Service" <vmwprod@vmware.com>
> > **Date:** March 21, 2016 at 6:02:52 PM EDT
> > **To:** "andrew.murphy@boston.gov" <andrew.murphy@boston.gov>
> > **Subject: VMware Order / License Confirmation 12490131**
> > **Reply-To:** vmwprod@vmware.com
> >
> > **Quick Links**
> >
> > - Knowledge Base
> > - Get My VMware Support
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> > Hello,
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> > Order Date : MARCH 21, 2016
> > Order No : 12490131
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> >
> > My VMware Account Number: 864192861
> > My VMware Account Name: Mayor's Office Of Emergency Management
> > My VMware Procurement contact: John Boyle, VM-LICENSE@PD.BOSTON.GOV
> > My VMware Super User: John Boyle, VM-LICENSE@PD.BOSTON.GOV

My VMware Customer contact: andrew.murphy@boston.gov, Mayor's Office Of Emergency Management

PO Number: 103301348845
Reseller PO Number: PGR7181
End User PO Number: 665420

Bill To: Arrow Enterprise Computing Solutions, Inc.
7459 S Lima St. BLDGS 1 and 2 B/T-HOME OFFICE (COLORADO) ENGLEWOOD
CO 80112-3879 United States
Phone: --1111111111

Ship To: Mayor's Office Of Emergency Management
85 Bragdon St Roxbury MA MA 02119-1059 United States
Phone: --6176351400

Here are your license keys for Order# 12490131:

```
License key(s) for VMware Fusion 8 Pro, ESD (FUS8-PRO-C) :
HN034-6M016-08C93-0J3UK-C8J64                    1 COMPUTER(s)
```

******

Here are all the products for Order# 12490131:

Product	Quantity
VMware Fusion 8 Pro, ESD(FUS8-PRO-C)	1

For questions about payment, please contact ar@vmware.com

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From: Michael Kane <michael.kane@boston.gov>
Sent: Wednesday, April 06, 2016 3:52 PM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Eric Nisbet <Eric Nisbet <enisbet@lan-tel.com>>
Subject: Re: VMware Order / License Confirmation 12490131

We ordered the explorer lic through DOIT will definitely need help getting this set up.

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Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

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From: Andrew Murphy <andrew.murphy@boston.gov>
Date: April 6, 2016 at 3:30:55 PM EDT
To: Louis Madeira <louis.madeira@pd.boston.gov>, Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>, Mike Kane <michael.kane@boston.gov>
Cc: Mike Cunniffe <john.cunniffe@pd.boston.gov>, Eric Johnson <ejohnson@lan-tel.com>, John Daley <John.Daley@pd.boston.gov>, Rene Fielding <rene.fielding@boston.gov>
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Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

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City of Boston
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Sent from my iPhone

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Date: March 21, 2016 at 6:02:52 PM EDT
To: "andrew.murphy@boston.gov" <andrew.murphy@boston.gov>
Subject: VMware Order / License Confirmation 12490131
Reply-To: vmwprod@vmware.com

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PO Number: 103301348845
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Michael Kane
Logistics Section Coordinator

Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Eric W. Nisbet <enisbet@lan-tel.com>
Sent: Wednesday, April 06, 2016 3:57 PM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
Subject: RE: VMware Order / License Confirmation 12490131

I'll do anything you need. Is DOIT installing anything? I will jump in as soon as you need me. Do we know which network this is going to be on?

Eric

-------- Original message --------
From: Michael Kane <michael.kane@boston.gov>
Date: 04/06/2016 3:52 PM (GMT-05:00)
To: Eric Johnson <ejohnson@Lan-Tel.com>, "Eric W. Nisbet" <enisbet@lan-tel.com>
Subject: Re: VMware Order / License Confirmation 12490131

We ordered the explorer lic through DOIT will definitely need help getting this set up.

Mike

On Wed, Apr 6, 2016 at 3:47 PM, Eric Johnson<ejohnson@lan-tel.com> wrote:

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> Respectfully ,
>
> Eric Johnson
> Project Manager
> Lan-Tel Communications
> 1400 Providence Highway, Suite 2000
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>
> Cell: 617-413-2148
> Phone: 781-352-4656
> Fax: 781-551-8667
>
> ejohnson@lan-tel.com
> www.lan-tel.com
>
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>
> **From:** Andrew Murphy <andrew.murphy@boston.gov>
> **Date:** April 6, 2016 at 3:30:55 PM EDT
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> **Cc:** Mike Cunniffe <john.cunniffe@pd.boston.gov>, Eric Johnson <ejohnson@lan-tel.com>, John Daley <John.Daley@pd.boston.gov>, Rene Fielding <rene.fielding@boston.gov>
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> > City of Boston
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> >
> > Sent from my iPhone
> >
> > Begin forwarded message:
> >
> > **From:** "VMware Customer Service" <vmwprod@vmware.com>
> > **Date:** March 21, 2016 at 6:02:52 PM EDT
> > **To:** "andrew.murphy@boston.gov" <andrew.murphy@boston.gov>
> > **Subject: VMware Order / License Confirmation 12490131**
> > **Reply-To:** vmwprod@vmware.com
> >
> > **VMware Order / License Confirmation 12490131**
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> > **Quick Links**
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Order Confirmation:

Order Date : MARCH 21, 2016
Order No : 12490131

Please refer to your order number in all of your communication with VMware.

My VMware Account Number: 864192861
My VMware Account Name: Mayor's Office Of Emergency Management
My VMware Procurement contact: John Boyle, VM-LICENSE@PD.BOSTON.GOV
My VMware Super User: John Boyle, VM-LICENSE@PD.BOSTON.GOV
My VMware Customer contact: andrew.murphy@boston.gov, Mayor's Office Of Emergency Management

PO Number: 103301348845
Reseller PO Number: PGR7181
End User PO Number: 665420

Bill To: Arrow Enterprise Computing Solutions, Inc.
7459 S Lima St. BLDGS 1 and 2 B/T-HOME OFFICE (COLORADO) ENGLEWOOD CO 80112-3879 United States
Phone: --1111111111

Ship To: Mayor's Office Of Emergency Management
85 Bragdon St Roxbury MA MA 02119-1059 United States
Phone: --6176351400

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License key(s) for VMware Fusion 8 Pro, ESD (FUS8-PRO-C) :
HN034-6M016-08C93-0J3UK-C8J64                    1 COMPUTER(s)
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ejohnson@lan-tel.com
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From: Rene Fielding <rene.fielding@boston.gov>
Sent: Thursday, April 07, 2016 10:04 AM EDT
To: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
CC: Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Mike Kane <Mike Kane <michael.kane@boston.gov>>; Mike Cunniffe <Mike Cunniffe <john.cunniffe@pd.boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@lantel.com>>; John Daley <John Daley <John.Daley@pd.boston.gov>>
Subject: Re: VMware Order / License Confirmation 12490131

Good Morning -

Can someone from BPD please let me know when this is going to occur? We need this up and running before the Marathon and also need time to test the system.

Rene

Rene Fielding
Director
Office of Emergency Management
One City Hall Square, Room 204
Boston, MA 02201
617-635-1400
617-635-2974 Fax

On Wed, Apr 6, 2016 at 3:30 PM, Andrew Murphy<andrew.murphy@boston.gov> wrote:

> Good afternoon all. Just checking in on the status of the EOC Vidsys Mac computer as we're fast approaching Marathon Monday. The computer is onsite at the EOC, we just need someone to set it up on the network, install VMware, install Windows, and any other Vidsys or DVtel software necessary. Our hope is this can be taken care of early next week in order to iron out any kinks. Please let me know ASAP if you foresee any issues. Thanks very much.
>
> Andrew
>
> _____
>
> **Andrew Murphy**
> **Regional Planner**
>
> **Office of Emergency Management (OEM)**
> Boston City Hall, Room 204 | Boston, MA 02201
> Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

On Tue, Mar 22, 2016 at 7:50 AM, Andrew Murphy<andrew.murphy@boston.gov> wrote:

> FYI all.
>
> _____
>
> Andrew Murphy
> Regional Planner
>
> City of Boston
> Office of Emergency Management
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> **From:** "VMware Customer Service" <vmwprod@vmware.com>
> **Date:** March 21, 2016 at 6:02:52 PM EDT
> **To:** "andrew.murphy@boston.gov" <andrew.murphy@boston.gov>
> **Subject: VMware Order / License Confirmation 12490131**
> **Reply-To:** vmwprod@vmware.com
>
> **Quick Links**
>
> - Knowledge Base
> - Get My VMware Support
> - Login To My VMware
>
> ## VMware Order / License Confirmation 12490131
>
> Hello,
>
> Thank you for your order with VMware. You can download your VMware products here.
>
> To view this order confirmation email in another language, please click one of the links below:
> Deutsch | 日本語 | 简体中文
>
> **Order Confirmation:**
>
> Order Date : MARCH 21, 2016
> Order No : 12490131
>
> Please refer to your order number in all of your communication with VMware.
>
> My VMware Account Number: 864192861
> My VMware Account Name: Mayor's Office Of Emergency Management
> My VMware Procurement contact: John Boyle, VM-LICENSE@PD.BOSTON.GOV
> My VMware Super User: John Boyle, VM-LICENSE@PD.BOSTON.GOV
> My VMware Customer contact: andrew.murphy@boston.gov, Mayor's Office Of Emergency Management
>
> PO Number: 103301348845
> Reseller PO Number: PGR7181
> End User PO Number: 665420

Bill To: Arrow Enterprise Computing Solutions, Inc.
7459 S Lima St. BLDGS 1 and 2 B/T-HOME OFFICE (COLORADO) ENGLEWOOD
CO 80112-3879 United States
Phone: --1111111111

Ship To: Mayor's Office Of Emergency Management
85 Bragdon St Roxbury MA MA 02119-1059 United States
Phone: --6176351400

Here are your license keys for Order# 12490131:

```
License key(s) for VMware Fusion 8 Pro, ESD (FUS8-PRO-C) :
HN034-6M016-08C93-0J3UK-C8J64                    1 COMPUTER(s)
```

******

Here are all the products for Order# 12490131:

Product	Quantity
VMware Fusion 8 Pro, ESD(FUS8-PRO-C)	1

For questions about payment, please contact ar@vmware.com

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The purchase of products and services listed above is subject to the commercial terms and conditions specified in the applicable agreement between VMware and the Buyer, or if none exists, to the current applicable standard VMware terms for the listed products or services.

The provisioning of products and services listed above is subject to the terms and conditions specified in the applicable agreement between VMware and the Customer, or, if none exists, to the then-current applicable standard VMware terms for the listed products or services.

Copies of VMware's standard terms are available upon request and/or listed here:

* Software - VMware's EULA for the applicable software product posted at

* Hosted Services - VMware's Terms of Service for the applicable hosted service.

* Support and Subscription Services - VMware's Standard Support Programs and Subscription Services terms and conditions .

* Consulting Services - VMware's Standard Consulting Services Terms .

* Enterprise Purchasing Program (EPP) - EPP Program Guide

* Subscription Purchasing Program (SPP) - SPP Program Guide

* Hybrid Purchasing Program (HPP) - HPP Program Guide

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Click here and join today:

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Regards,

The VMware Team

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From: Shawn Romanoski <shawn.romanoski@pd.boston.gov>
Sent: Thursday, April 07, 2016 10:07 AM EDT
To: Rene Fielding <Rene Fielding <rene.fielding@boston.gov>>; Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
CC: Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; John Cunniffe <John Cunniffe <john.cunniffe@pd.boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; John Daley <John Daley <John.Daley@pd.boston.gov>>; John Surette <John Surette <john.surette@pd.boston.gov>>
Subject: RE: VMware Order / License Confirmation 12490131

Rene,

I will coordinate with Mike Kane to pick up the equipment...

We will set-up the computer then install at Bragdon.

I will get back to you as soon as I know when I can get the Computer.

Shawn Romanoski
Director of Telecommunications
Boston Police Dept.
Cell: (617) 594-2994

From: Rene Fielding [mailto:rene.fielding@boston.gov]
Sent: Thursday, April 07, 2016 10:04 AM
To: Andrew Murphy
Cc: Louis Madeira; Shawn Romanoski; Mike Kane; Mike Cunniffe; Eric Johnson; John Daley
Subject: Re: VMware Order / License Confirmation 12490131

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Boston City Hall, Room 204 | Boston, MA 02201
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FYI all.

Andrew Murphy
Regional Planner

City of Boston
Office of Emergency Management

Sent from my iPhone

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> **To:** "andrew.murphy@boston.gov" <andrew.murphy@boston.gov>
> **Subject: VMware Order / License Confirmation 12490131**
> **Reply-To:** vmwprod@vmware.com

VMware Order / License Confirmation 12490131

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Order Date : MARCH 21, 2016
Order No : 12490131

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PO Number: 103301348845
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License key(s) for VMware Fusion 8 Pro, ESD (FUS8-PRO-C) :
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- Login To My VMware

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Regards,

The VMware Team

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From: Michael Kane <michael.kane@boston.gov>
Sent: Friday, April 08, 2016 2:04 PM EDT
To: Linda Calnan <Linda Calnan <linda.calnan@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>
BCC: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Vin Stancato <Vin Stancato <vstancato@lan-tel.com>>
Subject: Fwd: Important discussion on body camera projects

You guys probably got this but Fyi

Michael Kane
Logistics Section
City of Boston
Office of Emergency Management
617-343-2413
617-895-7215

Begin forwarded message:

> **From:** Emergency Management <eventreg@emergencymgmt.com>
> **Date:** April 8, 2016 at 14:01:52 EDT
> **To:** Mike Kane <michael.kane@boston.gov>
> **Subject: Important discussion on body camera projects**
> **Reply-To:** Harley Ebuenga <hebuenga@erepublic.com>
>
> Dear Mike,
>
> On behalf of Emergency Management, I would like to invite you to attend an upcoming webcast**Body Camera Projects: Going from Good to Great** taking place Wednesday, April 13th, from 11am-12pm PT. Join this discussion to learn what one city, Avondale, AZ has done to implement their officer-worn camera program.
>
> **During this webinar you will learn about:**
>
> -Policy decisions that are important to make
> -Network infrastructure that will support your program
> -Storage options – on-sight, cloud-based and long-term archives
> -The role of data/video analytics
>
> **Featured speakers:**
> Rob Lloyd, CIO, City of Avondale
> Mike Stetson, AE Field - SLED/Public Safety - Ohio Valley, Insight Public Sector
>
> **You can register at no cost here.** Please feel free to share this information with any colleagues you feel would benefit from attending, and do let me know if you have any questions!
>
> Thank you,
>
> Harley Ebuenga
> Registration Coordinator
> Emergency Management
> (800) 940-6039 ext. 1410
> hebuenga@emergencymgmt.com

This email was sent to michael.kane@boston.gov on behalf of Emergency Management.
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© 2016 e.Republic. All rights reserved. 100 Blue Ravine Rd, Folsom, CA 95630, USA. Phone: 916-932-1300

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Friday, April 08, 2016 2:11 PM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
CC: Linda Calnan <Linda Calnan <linda.calnan@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>
Subject: Re: Important discussion on body camera projects

Thanks MIke !

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Apr 8, 2016, at 2:04 PM, Michael Kane <michael.kane@boston.gov> wrote:

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>
> Michael Kane
> Logistics Section
> City of Boston
> Office of Emergency Management
> 617-343-2413
> 617-895-7215
>
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>
> **You can register at no cost here.** Please feel free to share this information with any colleagues you feel would benefit from attending, and do let me know if you have any questions!
>
> Thank you,

Harley Ebuenga
Registration Coordinator
Emergency Management
(800) 940-6039 ext. 1410
hebuenga@emergencymgmt.com

This email was sent to michael.kane@boston.gov on behalf of Emergency Management.

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From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, April 12, 2016 3:21 PM EDT
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; zpena@genetec.com <zpena@genetec.com>; bhenry@mbta.com <bhenry@mbta.com>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Abhishek Khule <Abhishek Khule <akhule@bphc.org>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Daniel Keeler <Daniel Keeler <daniel.keeler@pd.boston.gov>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis.Medeira@pd.boston.gov <Louis.Medeira@pd.boston.gov>
Subject: Security Camera Strategy Meeting - 4/13 - Status
Attachment(s): "Security Camera Strategy Meeting_4-13-2016.docx"

Attached is the status update for tomorrow's meeting at 9am.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Michael Kane <michael.kane@boston.gov>
Sent: Saturday, April 16, 2016 7:26 AM EDT
To: John Surette <John Surette <john.surette@pd.boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>
CC: Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: Mike Kane : Please call my cell

I am trying to load into DVTel with our signin and im getting a error
fail to communicate with remote machine

Michael Kane
Logistics Section
City of Boston
Office of Emergency Management
617-343-2413
617-895-7215

> On Apr 16, 2016, at 07:23, Michael Kane <michael.kane@boston.gov> wrote:
>
> Michael Kane
> Logistics Section
> City of Boston
> Office of Emergency Management
> 617-343-2413
> 617-895-7215

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Saturday, April 16, 2016 7:36 AM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
CC: John Surette <John Surette <john.surette@pd.boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Eric W. Nisbet < Eric W. Nisbet <enisbet@lan-tel.com>>
Subject: Re: Mike Kane : Please call my cell

Stand by

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
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Cell: 617-413-2148
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Sent: Saturday, April 16, 2016 7:43 AM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
CC: John Surette <John Surette <john.surette@pd.boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Eric W. Nisbet < Eric W. Nisbet <enisbet@lan-tel.com>>
Subject: Re: Mike Kane : Please call my cell

I rebooted the system i have cameras

Michael Kane
Logistics Section
City of Boston
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From: Eric W. Nisbet <enisbet@lan-tel.com>
Sent: Saturday, April 16, 2016 9:10 AM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
CC: John Surette <John Surette <john.surette@pd.boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>
Subject: RE: Mike Kane : Please call my cell

What you meant to say was you fixed it!

-------- Original message --------
From: Michael Kane <michael.kane@boston.gov>
Date: 4/16/16 7:43 AM (GMT-05:00)
To: Eric Johnson <ejohnson@Lan-Tel.com>
Cc: John Surette <john.surette@pd.boston.gov>, Louis Madeira <louis.madeira@pd.boston.gov>, Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>, "Eric W. Nisbet" <enisbet@lan-tel.com>
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> www.lan-tel.com
>
> On Apr 16, 2016, at 7:26 AM, Michael Kane <michael.kane@boston.gov> wrote:
>
>> I am trying to load into DVTel with our signin and im getting a error
>> fail to communicate with remote machine
>>
>> Michael Kane
>> Logistics Section
>> City of Boston
>> Office of Emergency Management
>> 617-343-2413
>> 617-895-7215
>>
>>
>>
>>> On Apr 16, 2016, at 07:23, Michael Kane <michael.kane@boston.gov> wrote:
>>>
>>>
>>> Michael Kane
>>>
>>> Logistics Section

City of Boston

Office of Emergency Management

617-343-2413

617-895-7215

From: Michael Kane <michael.kane@boston.gov>
Sent: Saturday, April 16, 2016 9:20 AM EDT
To: Eric W. Nisbet < Eric W. Nisbet <enisbet@lan-tel.com>>
CC: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; John Surette <John Surette <john.surette@pd.boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>
Subject: Re: Mike Kane : Please call my cell

Thank you all. All systems are operational and performing well.

On Sat, Apr 16, 2016 at 9:10 AM, Eric W. Nisbet<enisbet@lan-tel.com> wrote:

> What you meant to say was you fixed it!
>
> -------- Original message --------
> From: Michael Kane <michael.kane@boston.gov>
> Date: 4/16/16 7:43 AM (GMT-05:00)
> To: Eric Johnson <ejohnson@Lan-Tel.com>
> Cc: John Surette <john.surette@pd.boston.gov>, Louis Madeira <louis.madeira@pd.boston.gov>, Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>, "Eric W. Nisbet" <enisbet@lan-tel.com>
> Subject: Re: Mike Kane : Please call my cell
>
> I rebooted the system i have cameras
>
> Michael Kane
> Logistics Section
> City of Boston
> Office of Emergency Management
> 617-343-2413
> 617-895-7215
>
> On Apr 16, 2016, at 07:36, Eric Johnson <ejohnson@lan-tel.com> wrote:
>
>> Stand by
>>
>> Respectfully ,
>>
>> Eric Johnson
>> Project Manager
>> Lan-Tel Communications
>> 1400 Providence Highway, Suite 2000
>> Norwood, MA 02062
>>
>> Cell: 617-413-2148
>> Phone: 781-352-4656
>> Fax: 781-551-8667
>>
>> ejohnson@lan-tel.com
>> www.lan-tel.com
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Michael Kane

Logistics Section

City of Boston

Office of Emergency Management

617-343-2413

617-895-7215

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Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Michael Kane <michael.kane@boston.gov>
Sent: Tuesday, April 19, 2016 9:58 AM EDT
To: Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>
CC: Ronald Bashista <Ronald Bashista <ronald.bashista@boston.gov>>; Rene Fielding <Rene Fielding <rene.fielding@boston.gov>>; John Cunniffe <John Cunniffe <john.cunniffe@pd.boston.gov>>; John Surette <John Surette <john.surette@pd.boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Richard Perito <Richard Perito <richard.perito@boston.gov>>
BCC: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
Subject: MK: 2016 Marathon Video Hot Wash and Request

Gentlemen,

Thanks so much for your help over the weekend. The videofeed was exponentially better than activations past and it looks like the investments paid off.

It was also great having both John and Louie on call to trouble shoot issues. They were both very helpful on Saturday's activities

LanTel was also extremely responsive and helpful on both days and it was appreciated.

Requests:

It would have been good to have a salvo for the Saturday Races out of the A1 cameras.

We request to load the proper software for the MSP Helicopter Downlink. I had two requests from BPD personnel for the downlink camera on Saturday and could not bring it up on either system.

We will need to work on the integration of both OEM video computers on the same network.

Thanks so much again.

--
Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Tuesday, April 19, 2016 10:04 AM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
CC: Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Ronald Bashista <Ronald Bashista <ronald.bashista@boston.gov>>; Rene Fielding <Rene Fielding <rene.fielding@boston.gov>>; John Cunniffe <John Cunniffe <john.cunniffe@pd.boston.gov>>; John Surette <John Surette <john.surette@pd.boston.gov>>; Jim Fitzpatrick < Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Richard Perito <Richard Perito <richard.perito@boston.gov>>
Subject: Re: MK: 2016 Marathon Video Hot Wash and Request

Mike
Thank you for the feedback ! We are grateful you have a true asset on video side

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Apr 19, 2016, at 9:58 AM, Michael Kane <michael.kane@boston.gov> wrote:

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>
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> **Michael Kane**
> **Logistics Section Coordinator**
> **Office of Emergency Management (OEM)**
> 85 Bragdon Street | Boston, MA 02201
> Phone: 617-343-2413| Cell: 617-895-7215
> michael.kane@boston.gov

From: Michael Kane <michael.kane@boston.gov>
Sent: Tuesday, April 19, 2016 10:06 AM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: MK: 2016 Marathon Video Hot Wash and Request

I will see if I can write a letter of thanks to you guys it will probably be no but you guys deserve a huge thank you the network and cameras worked great.

On Tue, Apr 19, 2016 at 10:04 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:

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> Project Manager
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> 1400 Providence Highway, Suite 2000
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> > **Michael Kane**
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> > **Office of Emergency Management (OEM)**
> > 85 Bragdon Street | Boston, MA 02201
> > Phone: 617-343-2413| Cell: 617-895-7215
> > michael.kane@boston.gov

--
Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)

85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Tuesday, April 19, 2016 10:13 AM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
Subject: Re: MK: 2016 Marathon Video Hot Wash and Request

Mike thank you I would still like to see if we can optimize those macs

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

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Michael Kane
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Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, April 20, 2016 6:40 AM EDT
To: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
Subject: BPD Upgrade Phase 2

Andrew
Good morning , I was wondering if we could proceed with phase 2 of the BPD uograde since all paperwork for FAC64 is is place? I think we discussed mid April ?

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Wednesday, April 20, 2016 7:51 AM EDT
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; zpena@genetec.com <zpena@genetec.com>; bhenry@mbta.com <bhenry@mbta.com>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Abhishek Khule <Abhishek Khule <akhule@bphc.org>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Daniel Keeler <Daniel Keeler <daniel.keeler@pd.boston.gov>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis.Medeira@pd.boston.gov <Louis.Medeira@pd.boston.gov>
Subject: Security Camera Strategy Meeting - No Meeting Today

We are going back to every other week so no meeting this morning. Our next meeting is next Wed, 4/27. Please let me know if anyone needs the meeting invite.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Andrew Murphy <andrew.murphy@boston.gov>
Sent: Wednesday, April 20, 2016 8:10 AM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: BPD Upgrade Phase 2

Hi Eric. I'm just waiting on the PO to dispatch which should have happened last week. I will check on the delay and let you know ASAP. Thanks.

_____

Andrew Murphy
Regional Planner

City of Boston
Office of Emergency Management

Sent from my iPhone

On Apr 20, 2016, at 6:40 AM, Eric Johnson <ejohnson@lan-tel.com> wrote:

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> Respectfully ,
>
> Eric Johnson
> Project Manager
> Lan-Tel Communications
> 1400 Providence Highway, Suite 2000
> Norwood, MA 02062
>
> Cell: 617-413-2148
> Phone: 781-352-4656
> Fax: 781-551-8667
>
> ejohnson@lan-tel.com
> www.lan-tel.com

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, April 20, 2016 8:52 AM EDT
To: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
Subject: Re: BPD Upgrade Phase 2

Andrew
Thanks I know we were all on hold with Marathon .

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
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ejohnson@lan-tel.com
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> >
> > ejohnson@lan-tel.com
> > www.lan-tel.com

From: Andrew Murphy <andrew.murphy@boston.gov>
Sent: Thursday, April 21, 2016 8:48 AM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>; Vickie Balaschi <Vickie Balaschi <VBalaschi@Lan-Tel.com>>
Subject: Re: BPD Upgrade Phase 2
Attachment(s): "BPD CIMS Phase 3 PO 666318.pdf","BPD CIMS Phase 2 PO 666320.pdf"

Hi Eric. See the attached POs for phases 2 and 3 of Boston's upgrade. Thanks.

Andrew

Andrew Murphy
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1796 | Fax: 617-635-2974 | andrew.murphy@boston.gov

On Wed, Apr 20, 2016 at 8:52 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:

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Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
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ejohnson@lan-tel.com
www.lan-tel.com

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Thursday, April 21, 2016 9:02 AM EDT
To: Andrew Murphy <Andrew Murphy <andrew.murphy@boston.gov>>
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>; Vickie Balaschi <Vickie Balaschi <VBalaschi@Lan-Tel.com>>
Subject: Re: BPD Upgrade Phase 2

Andrew thank you again !

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

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> **Andrew Murphy**
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www.lan-tel.com

<BPD CIMS Phase 3 PO 666318.pdf>

<BPD CIMS Phase 2 PO 666320.pdf>

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, April 26, 2016 4:11 PM EDT
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; zpena@genetec.com <zpena@genetec.com>; bhenry@mbta.com <bhenry@mbta.com>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Abhishek Khule <Abhishek Khule <akhule@bphc.org>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Daniel Keeler <Daniel Keeler <daniel.keeler@pd.boston.gov>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis.Medeira@pd.boston.gov <Louis.Medeira@pd.boston.gov>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>
Subject: Security Camera Strategy Meeting Status Update
Attachment(s): "Security Camera Strategy Meeting_4-27-2016v2.docx"

For our team meeting tomorrow at 9AM, attached is the status update on the security camera strategy initiatives. Please plan to attend.

Thanks.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Rich Ahern <rahern@lan-tel.com>
Sent: Thursday, April 28, 2016 8:36 AM EDT
To: deirdre.habershaw@boston.gov
CC: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
Subject: CIMS - Global Camera System

Good Morning Deirdre,
I received your contact information from Eric Johnson. I am the new Director of Service here at LAN-TEL Communications. I am reaching out to our existing client base to speak to them about their current DVTEL video system. The Software Service Agreement (SSA) on your system for the CIMS Glocal system is not currently expired. This agreement grants you access to DVTEL software upgrades and updates as well as some other features for your system. It is a critical piece of system maintenance and I want to make sure there is no interruption to any of our client's systems. Please let me know if you are the correct person to speak to about renewing this agreement or if there is someone else I should be speaking to. I look forward to building a strong relationship with you and the Office of Emergency Management. Thank you for your attention to this subject.

Thank you,

LAN-TEL
COMMUNICATIONS, INC.

Rich Ahern
Director of Service
1400 Providence Highway, Suite 2000
Norwood, MA 02062
Phone: 781.680.5902
Fax: 781.551.8667
Cell: 781.801.9419
rahern@lan-tel.com
www.lan-tel.com

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Tuesday, May 03, 2016 11:32 AM EDT
To: Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Michael Sulprizio <Michael Sulprizio <michael.sulprizio@boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
Subject: Quote for Camera installation at BCYF Facility

Good morning Officer Madeira,

OEM is planning to utilize UASI physical security enhancement funding to support installation of cameras at the Tobin Community Center at 1483 Tremont Street in Mission Hill. BCYF had a vendor quote the install to them a few years back, but we are hoping to get an updated quote for installation of a DVtel system and to integrate the cameras onto the existing BPD camera network. I am cc-ing Deputy Commission Sulprizio from BCYF and Eric Johnson from Lan-tel Communications so that we can get an updated quote and coordinate installation and incorporation into the CIMS network.

Thank you,

--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Tuesday, May 03, 2016 12:52 PM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
CC: Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Michael Sulprizio <Michael Sulprizio <michael.sulprizio@boston.gov>>
Subject: Re: Quote for Camera installation at BCYF Facility

Deirdre
I have received this and will provide any assistance I can

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On May 3, 2016, at 11:33 AM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:

> Good morning Officer Madeira,
>
> OEM is planning to utilize UASI physical security enhancement funding to support installation of cameras at the Tobin Community Center at 1483 Tremont Street in Mission Hill. BCYF had a vendor quote the install to them a few years back, but we are hoping to get an updated quote for installation of a DVtel system and to integrate the cameras onto the existing BPD camera network. I am cc-ing Deputy Commission Sulprizio from BCYF and Eric Johnson from Lan-tel Communications so that we can get an updated quote and coordinate installation and incorporation into the CIMS network.
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> Thank you,
>
> --
> Deirdre Habershaw
> Project Director
> Mayor's Office of Emergency Management
> One City Hall Square, Rm 204
> 617-635-1400

From: Brooke Benjamin <bvb0514@gmail.com>
Sent: Tuesday, May 03, 2016 3:29 PM EDT
To: swilder@brooklinema.gov <swilder@brooklinema.gov>; andrew.murphy@boston.gov <andrew.murphy@boston.gov>; ejohnson@lan-tel.com <ejohnson@lan-tel.com>; harold.cataldo@pd.boston.gov <harold.cataldo@pd.boston.gov>; michael.kane@boston.gov <michael.kane@boston.gov>; patrick.johnston@cityofeverett.org <patrick.johnston@cityofeverett.org>; fred@interisle.net <fred@interisle.net>; shawn.romanoski@pd.boston.gov <shawn.romanoski@pd.boston.gov>; brenda.jones@boston.gov <brenda.jones@boston.gov>; chuck@interisle.net <chuck@interisle.net>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; jcowhig@chelseama.gov <jcowhig@chelseama.gov>; damahoney@cambridgefire.org <damahoney@cambridgefire.org>; sandy@gis.net <sandy@gis.net>; colin@interisle.net <colin@interisle.net>; michael.saltzman@state.ma.us <michael.saltzman@state.ma.us>; sford@reverepolice.org <sford@reverepolice.org>; kpitts@cambridge911.org <kpitts@cambridge911.org>; joseph.brooks@boston.gov <joseph.brooks@boston.gov>; cataldoH.bpd@cityofboston.gov <cataldoH.bpd@cityofboston.gov>; rverdone@chelseama.gov <rverdone@chelseama.gov>; mkiely@police.somerville.ma.us <mkiely@police.somerville.ma.us>; bcotter@police.somerville.ma.us <bcotter@police.somerville.ma.us>; cmajor@somervillema.gov <cmajor@somervillema.gov>
CC: Kayla Mendes <Kayla Mendes <kayla@stonewallsolutions.com>>; jcondon@stonewallsolutions.com <jcondon@stonewallsolutions.com>
Subject: MBHSR URL

Good Afternoon All,

The MBHSR URL is: https://mbhsr-share.greater-boston.net

Please let me know if you need your password reset to gain access to the site.

Thank you,
Brooke

Brooke Benjamin | SWS Technologies
Business Analyst
brooke@stonewallsolutions.com
774-218-6609

From: Shawn Romanoski <shawn.romanoski@pd.boston.gov>
Sent: Friday, May 06, 2016 3:32 PM EDT
To: ejohnson@lan-tel.com <ejohnson@lan-tel.com>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; John Surette <John Surette <john.surette@pd.boston.gov>>
CC: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>
Subject: St Mary's and Egleston Square

Eric,

Thanks for meeting with me today regarding St Mary and Egleston Square.

Can you remove all PSNET and CIMS equipment from the radio area and into other areas at the locations or complete off the location.

Pleas work with John Surette as he is aware of where the new radio equipment will be located.

Shawn Romanoski
Director of Telecommunications
Boston Police Dept.
Cell: (617) 594-2994

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Friday, May 06, 2016 6:38 PM EDT
To: Shawn Romanoski <Shawn Romanoski <shawn.romanoski@pd.boston.gov>>
CC: Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; John Surette <John Surette <john.surette@pd.boston.gov>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>
Subject: Re: St Mary's and Egleston Square

Shawn
Received I will come up with a plan

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On May 6, 2016, at 3:32 PM, Shawn Romanoski <shawn.romanoski@pd.boston.gov> wrote:

> Eric,
>
> Thanks for meeting with me today regarding St Mary and Egleston Square.
>
> Can you remove all PSNET and CIMS equipment from the radio area and into other areas at the locations or complete off the location.
>
> Pleas work with John Surette as he is aware of where the new radio equipment will be located.
>
> **Shawn Romanoski**
> **Director of Telecommunications**
> **Boston Police Dept.**
> **Cell: (617) 594-2994**

From: Louis Madeira <louis.madeira@pd.boston.gov>
Sent: Monday, May 09, 2016 1:31 PM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
CC: Michael Sulprizio <Michael Sulprizio <michael.sulprizio@boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>
Subject: Re: Quote for Camera installation at BCYF Facility

Hello,

Eric Johnson from Lan-tel Communications and I will be stopping by the Tobin Community Center tomorrow at about 2pm. Eric will be conducting the requested survey of that location. If you could forward me the name of a contact person at the community center, it would go a long way to help facilitate the survey process. Please contact me with any questions or concerns.

Respectfully,

On Tue, May 3, 2016 at 11:32 AM, Deirdre Habershaw<deirdre.habershaw@boston.gov> wrote:

> Good morning Officer Madeira,
>
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> Deirdre Habershaw
> Project Director
> Mayor's Office of Emergency Management
> One City Hall Square, Rm 204
> 617-635-1400

--
Police Officer Lou Madeira
Boston Police Department
Bureau of Administration & Technology
Communications Division
Cell (617) 991-6672

From: Michael Sulprizio <michael.sulprizio@boston.gov>
Sent: Monday, May 09, 2016 1:50 PM EDT
To: Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>
CC: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>
Subject: Re: Quote for Camera installation at BCYF Facility

Hi Louis,
You can ask for me when you arrive. The community center is also our administrative offices and I am on the 4th floor. I will also look in my facilities manager.

Thanks,

Michael J. Sulprizio

Deputy Commissioner, Administration & Finance

Boston Centers for Youth & Families

1483 Tremont Street Boston, MA 02120

p. 617-635- 4920 Ext. 2227 f. 617-635- 5074 Every Neighborhood, One Mission

michael.sulprizio@cityofboston.gov http://www.cityofboston.gov/bcyf

http://www.facebook.com/BCYFBoston

On Mon, May 9, 2016 at 1:31 PM, Louis Madeira<louis.madeira@pd.boston.gov> wrote:

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> > Deirdre Habershaw
> > Project Director
> > Mayor's Office of Emergency Management
> > One City Hall Square, Rm 204
> > 617-635-1400
>
> --
> Police Officer Lou Madeira
> Boston Police Department
> Bureau of Administration & Technology
> Communications Division
> Cell (617) 991-6672

From: Louis Madeira <louis.madeira@pd.boston.gov>
Sent: Monday, May 09, 2016 1:56 PM EDT
To: Michael Sulprizio <Michael Sulprizio <michael.sulprizio@boston.gov>>
CC: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>
Subject: Re: Quote for Camera installation at BCYF Facility

Hello,

Thank you, I look forward to meeting you tomorrow.

Respectfully,

Police Officer Lou Madeira
Boston Police Department
Bureau of Administration & Technology
Communications Division
Cell (617) 991-6672

On Mon, May 9, 2016 at 1:50 PM, Michael Sulprizio<michael.sulprizio@boston.gov> wrote:

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> **Michael J. Sulprizio**
>
> Deputy Commissioner, Administration & Finance
>
> Boston Centers for Youth & Families
>
> 1483 Tremont Street Boston, MA 02120
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> p. 617-635- 4920 Ext. 2227 f. 617-635- 5074 Every Neighborhood, One Mission
>
> michael.sulprizio@cityofboston.gov http://www.cityofboston.gov/bcyf
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> http://www.facebook.com/BCYFBoston
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--
Police Officer Lou Madeira
Boston Police Department
Bureau of Administration & Technology
Communications Division
Cell (617) 991-6672

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Monday, May 09, 2016 2:30 PM EDT
To: Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>
CC: Michael Sulprizio <Michael Sulprizio <michael.sulprizio@boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>
Subject: Re: Quote for Camera installation at BCYF Facility

I may join you as well. We will need to submit and EHP for FEMA for this, so I might as well get the info and photos for that while you're doing the walk through.

On Mon, May 9, 2016 at 1:56 PM, Louis Madeira<louis.madeira@pd.boston.gov> wrote:

> Hello,
>
> Thank you, I look forward to meeting you tomorrow.
>
> Respectfully,
>
> Police Officer Lou Madeira
> Boston Police Department
> Bureau of Administration & Technology
> Communications Division
> Cell (617) 991-6672
>
> On Mon, May 9, 2016 at 1:50 PM, Michael Sulprizio<michael.sulprizio@boston.gov> wrote:
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> > **Michael J. Sulprizio**
> >
> > Deputy Commissioner, Administration & Finance
> >
> > Boston Centers for Youth & Families
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> > 1483 Tremont Street Boston, MA 02120
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> > > Deirdre Habershaw
> > > Project Director
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--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Michael Kiely <mkiely@police.somerville.ma.us>
Sent: Monday, May 09, 2016 5:16 PM EDT
To: deirdre.habershaw@boston.gov; eamon.miller@boston.gov
CC: ejohnson@lan-tel.com
Subject: Assembly Sq target hardening Cameras

Good late afternoon,
I am trying to locate the award letter and go that Andrew sent me relative to the 5 PTZ cameras at Assembly Row that was allocated with 15 funding. I can't seem to locate it in my email. Any help by anyone would be great. Not sure if it was for 35 or 42 K
Much appreciated,
Mike

Sgt. Michael Kiely
Homeland Security &
Emergency Management
(617)625-1600x7241

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Monday, May 09, 2016 5:57 PM EDT
To: Michael Kiely <Michael Kiely <mkiely@police.somerville.ma.us>>
CC: eamon.miller@boston.gov; ejohnson@lan-tel.com
Subject: Re: Assembly Sq target hardening Cameras

Hi Sgt. I should be able to locate that for you when I am back in the office tomorrow morning. I just received the EHP approval for this project.

Sent from my iPhone

> On May 9, 2016, at 5:16 PM, Michael Kiely <mkiely@police.somerville.ma.us> wrote:
>
> Good late afternoon,
> I am trying to locate the award letter and go that Andrew sent me relative to the 5 PTZ cameras at Assembly Row that was allocated with 15 funding. I can't seem to locate it in my email. Any help by anyone would be great. Not sure if it was for 35 or 42 K
> Much appreciated,
> Mike
>
> Sgt. Michael Kiely
> Homeland Security &
> Emergency Management
> (617)625-1600x7241

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, May 10, 2016 1:29 PM EDT
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; zpena@genetec.com <zpena@genetec.com>; bhenry@mbta.com <bhenry@mbta.com>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Abhishek Khule <Abhishek Khule <akhule@bphc.org>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Daniel Keeler <Daniel Keeler <daniel.keeler@pd.boston.gov>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis.Medeira@pd.boston.gov <Louis.Medeira@pd.boston.gov>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>
Subject: Security Camera Strategy Meeting - 5/11/16
Attachment(s): "Security Camera Strategy Meeting_5-11-16.docx"

Attached is the updated status report for tomorrow's meeting.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

Security Camera Strategy
Status Meeting – 5/11/16

Time: Wednesday, 5/11/2016, 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 / 4/27 Meeting Notes / Action Items

Locations: (Updates in bold:)

Public Health - Jeff, Abhishek

- **203 River Street / EMS Storage Facility – Camera installations complete and connected to the video network. Will remove next week.** 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.)
- **Strand Theater – DoIT team met and have begun drafting proposal** package for cameras with wifi proposal to present to Mayor's office for funding. Goal = complete package draft by mid-May.
- **ISD/1010 Mass Ave. – Bid for cameras and inside cabling published.** Site analysis determined 3 external cameras require extended cabling which have been added to the quote & bid. Cabling to roof to completed.

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

- **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.

Security Camera Strategy
Status Meeting – 5/11/16

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

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

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

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

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

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

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

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

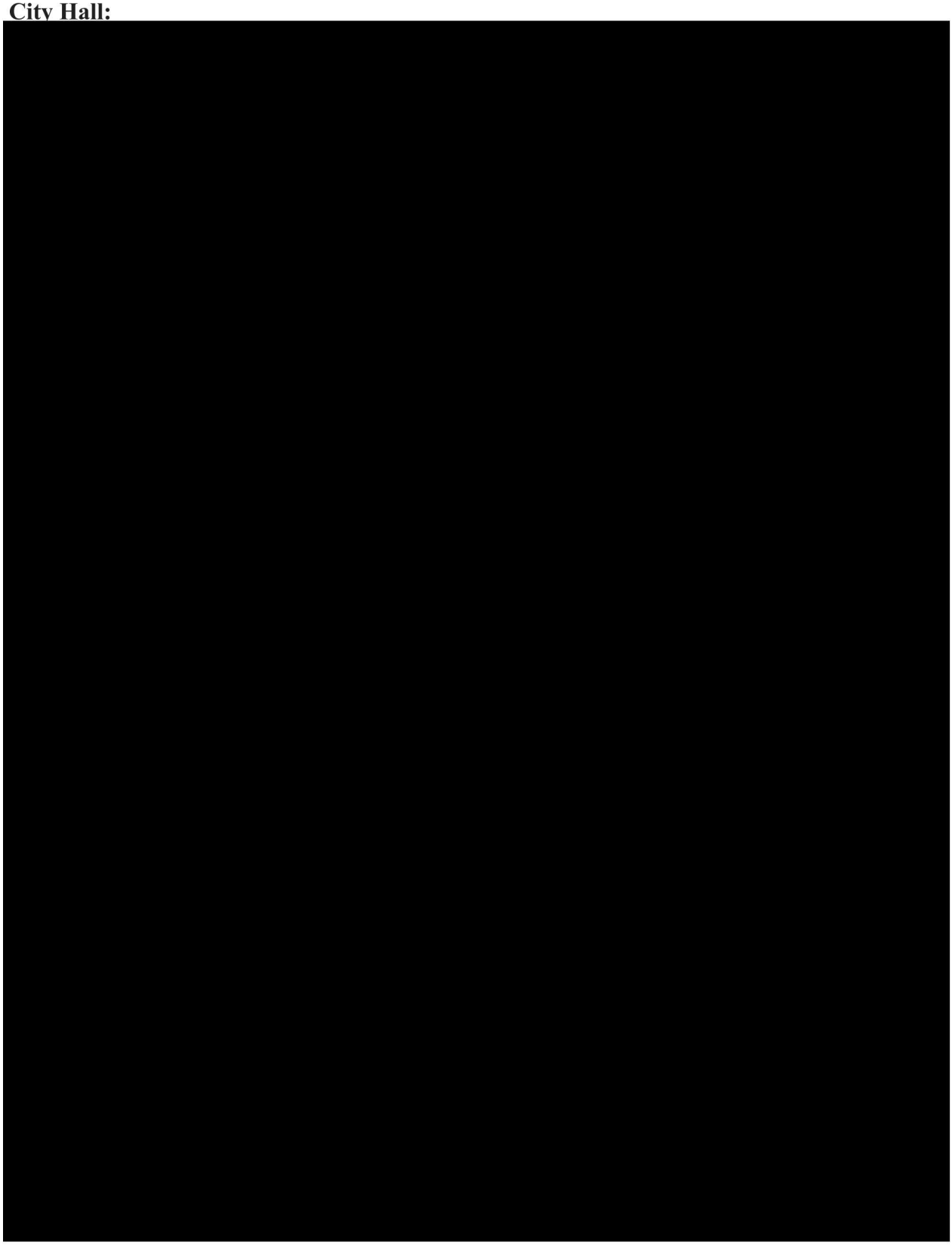
Security Camera Strategy
Status Meeting – 5/11/16

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

Appendix A

Servers Core:

City Hall:



From: Vickie Balaschi <VBalaschi@Lan-Tel.com>
Sent: Tuesday, May 10, 2016 3:10 PM EDT
To: Deirdre Habershaw (deirdre.habershaw@boston.gov) < Deirdre Habershaw (deirdre.habershaw@boston.gov) <deirdre.habershaw@boston.gov>>
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
Subject: March CIMS Billing
Attachment(s): "Invoice 9914954.pdf","March 2016 CIMS Backup.xlsx"

Hi Deirdre,

Please see the attached invoice and back up for March CIMS. Please feel free to reach out with any questions. Have a great day!

Thank you,
Vickie

LAN-TEL
COMMUNICATIONS, INC.

Vickie Balaschi
Marketing Manager
1400 Providence Highway, Suite 3100
Norwood, MA 02062
Phone: 781.352.4637
Fax: 781.551.8667
Cell: 774.766.8616
vbalaschi@lan-tel.com
www.lan-tel.com

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Tuesday, May 10, 2016 6:37 PM EDT
To: Deirdre.Habershaw@cityofboston.gov
Subject: FW: Cheslea 10 cameras
Attachment(s): "Chelsea 10 cameras.pdf"

Deirdre
Chelsea quote
Thanks
Eric

From: Eric Johnson
Sent: Wednesday, February 24, 2016 2:36 PM
To: Pam Monzione <PMonzione@chelseama.gov>
Subject: Cheslea 10 cameras

Pam here is the quote for the 10 cameras . We have to build out an antenna hub on this one
Eric

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Tuesday, May 10, 2016 6:38 PM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: Assembly Square Quote
Attachment(s): "Somerville assembley Sq ptz OEM.pdf"

Deirdre
Assembly Sq quote
Thanks
Eric

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Tuesday, May 10, 2016 6:54 PM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
CC: mkiely@police.somerville.ma.us <mkiely@police.somerville.ma.us>
Subject: Re: Assembly Square Quote

Thank you Eric. The EHP for Assembly Square is approved so you can schedule that work whenever staffing allows. Please coordinate with Sgt. Mike Kiely of Somerville PD.

Sent from my iPhone

On May 10, 2016, at 6:38 PM, Eric Johnson <ejohnson@lan-tel.com> wrote:

> Deirdre
>
> Assembly Sq quote
>
> Thanks
>
> Eric
>
> <Somerville assembley Sq ptz OEM.pdf>

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Tuesday, May 10, 2016 8:11 PM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
CC: mkiely@police.somerville.ma.us
Subject: Re: Assembly Square Quote

Deirdre
Received and will do
Eric

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On May 10, 2016, at 6:54 PM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:

> Thank you Eric. The EHP for Assembly Square is approved so you can schedule that work whenever staffing allows. Please coordinate with Sgt. Mike Kiely of Somerville PD.
>
> Sent from my iPhone
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> > Deirdre
> >
> > Assembly Sq quote
> >
> > Thanks
> >
> > Eric
> >
> > <Somerville assembley Sq ptz OEM.pdf>

From: Michael Kane <michael.kane@boston.gov>
Sent: Thursday, May 19, 2016 10:06 AM EDT
To: Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Joe Pepjonovich <Joe Pepjonovich <joep@ci.quincy.ma.us>>; Ken Bruker <Ken Bruker <kbruker@reverepolice.org>>; Officer Scott Wilder <Officer Scott Wilder <swilder@brooklinema.gov>>; Pam Monzione <Pam Monzione <PMonzione@chelseama.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Michael Kiely <Michael Kiely <mkiely@police.somerville.ma.us>>; Robert Gillan <Robert Gillan <rgillan@quincyma.gov>>; Steven Ahern <Steven Ahern <SAAhern@cambridgepolice.org>>
CC: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
BCC: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
Subject: Mike Kane: Upcoming Conference http://nrfprotect16.nrf.com/about June 15-16 Philadelphia, PA

Not sure if any of you are going to this event but I figured I would share it with the group as you may have interest with the large investment we have made with CIMS.

Hope all is well.

Mike

--
Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Friday, May 20, 2016 3:33 PM EDT
To: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
Subject: Tobin Facility

Hi Eric,

Have had any time to pull together the quote for the BCYF Tobin Facility.

Hope all is well.

Thanks,

--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, May 24, 2016 3:35 PM EDT
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; zpena@genetec.com <zpena@genetec.com>; bhenry@mbta.com <bhenry@mbta.com>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Abhishek Khule <Abhishek Khule <akhule@bphc.org>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Daniel Keeler <Daniel Keeler <daniel.keeler@pd.boston.gov>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis.Medeira@pd.boston.gov <Louis.Medeira@pd.boston.gov>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>
Subject: Security Camera Strategy Meeting Status Updates - 5/25/16
Attachment(s): "Security Camera Strategy Meeting_5-25-16.docx"

See attached for tomorrow team meeting.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Tuesday, May 24, 2016 7:03 PM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: Tobin community Center
Attachment(s): "Tobin community Cameras.pdf"

Deirdre:
Sorry i meant to send sooner. Just got back from vacation

Eric

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Tuesday, May 31, 2016 4:18 PM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: Tobin Community Center

Deirdre
Just following up to confirm you revived quote

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Tuesday, May 31, 2016 4:22 PM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: Tobin Community Center

Hi Eric,

Yes. Thank you very much. The proposal to fund this will be on the next JPOC meeting scheduled for June 9th. Then I'll be able to take some formal steps. Thank you for pulling this together. FYI, I mentioned this proposal to Linda Calnan in DoIT as we want to make sure that however the software is accessed and camera controls configured is inline with how DoIT and BPD want access configured.

Thank you for your assistance, as always.
Deirdre

On Tue, May 31, 2016 at 4:18 PM, Eric Johnson<ejohnson@lan-tel.com> wrote:

> Deirdre
> Just following up to confirm you revived quote
>
> Respectfully ,
>
> Eric Johnson
> Project Manager
> Lan-Tel Communications
> 1400 Providence Highway, Suite 2000
> Norwood, MA 02062
>
> Cell: 617-413-2148
> Phone: 781-352-4656
> Fax: 781-551-8667
>
> ejohnson@lan-tel.com
> www.lan-tel.com

--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Chuck Wade <Chuck@Interisle.net>
Sent: Tuesday, May 31, 2016 7:10 PM EDT
To: Steven Ford <Steven Ford <SFord@ReverePolice.org>>
CC: Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Scott Wilder <Scott Wilder <SWilder@BrooklineMA.gov>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Mark Savage <Mark Savage <MSavage@LAN-TEL.com>>; Fred Goldstein <Fred Goldstein <Fred@Interisle.net>>; Colin Strutt <Colin Strutt <Colin@Interisle.net>>
Subject: PSnet: Problems with JFK<=>Broadway Twr DragonWave AirPair microwave link
Attachment(s): "smime.p7s"

Steven, et al.,

At around 04:50 this morning, the DragonWave AirPair microwave link between JFK and Broadway Tower went down. Between 05:00 and 09:00, it came back for a few minutes each time, and then went down solidly until 13:30, when it started bouncing up and down every few minutes. This behavior has continue up until now. Because of the fiber link to the Reservoir site, and the other microwave link to Soldiers' Home, the Broadway Tower site has remained reachable throughout the day.

However, the problem with a link that bounces like this is that it creates a lot of re-routing events, which can be disruptive to other traffic. These are momentary glitches, that affect different applications in various ways. In order to avoid frequent re-routing events, I have increased the OSPF metrics so that this link to JFK will only be used when all other paths are unavailable.

Although I have tried multiple ways to clear up this problem, nothing has seemed to make any lasting improvement. When the link is up, the signal levels are quite good. My best guess at the moment is that there is some problem with the JFK end of this link. Because we replaced the Broadway Tower outdoor modem and encoder this past year, it is less likely that the problem is with this end.

For the time being, everything is now stable. Furthermore, the Winthrop PD to JFK link is currently working fine, so traffic from Boston has a good path to Winthrop/Revere, plus there are other paths available as well.

...Chuck

--

Chuck Wade, Principal
Interisle Consulting Group
+1 508 435-3050 Office
+1 508 277-6439 Mobile
www.interisle.net

From: Chuck Wade <Chuck@Interisle.net>
Sent: Tuesday, May 31, 2016 10:34 PM EDT
To: Steven Ford <Steven Ford <SFord@ReverePolice.org>>
CC: Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Scott Wilder <Scott Wilder <SWilder@BrooklineMA.gov>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Mark Savage <Mark Savage <MSavage@LAN-TEL.com>>; Fred Goldstein <Fred Goldstein <Fred@Interisle.net>>; Colin Strutt <Colin Strutt <Colin@Interisle.net>>
Subject: Re: PSnet: Problems with JFK<=>Broadway Twr DragonWave AirPair microwave link
Attachment(s): "smime.p7s"

Steven, et al.,

Well, shortly after sending this memo, the DragonWave link from Broadway Tower to JFK started working again without the bouncing up and down. I'd love to claim credit for fixing this, and maybe my last reset attempt actually did do some good, but I'm afraid this is just a flaky situation.

Given the current circumstances, I'm going to leave the route metrics set high on this link, so that traffic will only go via this link when no other paths are available.

Let's hope this thing has gotten over its 24-hour bug, and stays healthy going forward.

...Chuck

Chuck Wade, Principal
Interisle Consulting Group
+1 508 435-3050 Office
+1 508 277-6439 Mobile
www.interisle.net

On 5/31/16 7:10 PM, Chuck Wade wrote:

> Steven, et al.,
>
> At around 04:50 this morning, the DragonWave AirPair microwave link between JFK and Broadway Tower went down. Between 05:00 and 09:00, it came back for a few minutes each time, and then went down solidly until 13:30, when it started bouncing up and down every few minutes. This behavior has continue up until now. Because of the fiber link to the Reservoir site, and the other microwave link to Soldiers' Home, the Broadway Tower site has remained reachable throughout the day.
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> ...Chuck
>
> --
>
> Chuck Wade, Principal
> Interisle Consulting Group
> +1 508 435-3050 Office
> +1 508 277-6439 Mobile
> www.interisle.net

From: Ford Lt Steven <sford@reverepolice.org>
Sent: Wednesday, June 01, 2016 7:28 AM EDT
To: Chuck Wade <Chuck Wade <Chuck@Interisle.net>>
CC: Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Scott Wilder <Scott Wilder <SWilder@BrooklineMA.gov>>; Eric Johnson < Eric Johnson <EJohnson@LAN-TEL.com>>; Mark Savage <Mark Savage <MSavage@LAN-TEL.com>>; Fred Goldstein < Fred Goldstein <Fred@Interisle.net>>; Colin Strutt <Colin Strutt <Colin@Interisle.net>>
Subject: RE: PSnet: Problems with JFK<=>Broadway Twr DragonWave AirPair microwave link

Thanks for taking care of this.

Lt. Steven Ford
781-286-8335
www.reverepolice.org
http://www.facebook.com/ReverePoliceDept
@reverepolice on Twitter

CONFIDENTIALITY/SENSITIVITY NOTICE:
This message is intended exclusively for the individual or entity to which it is addressed. This communication may contain information that is law enforcement sensitive, proprietary, privileged, confidential and may be legally protected or otherwise exempt from disclosure. If you are not the intended recipient, you are hereby notified that any disclosure, dissemination, copying or distribution of this transmission is strictly prohibited. If you have received this message in error, please notify the sender immediately by email and immediately delete this message and all of its attachments.

From: Chuck Wade [mailto:Chuck@Interisle.net]
Sent: Tuesday, May 31, 2016 10:34 PM
To: Ford Lt Steven
Cc: Eamon Miller; Brenda Jones; Scott Wilder; Eric Johnson; Mark Savage; Fred Goldstein; Colin Strutt
Subject: Re: PSnet: Problems with JFK<=>Broadway Twr DragonWave AirPair microwave link

Steven, et al.,

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Let's hope this thing has gotten over its 24-hour bug, and stays healthy going forward.

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>
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From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, June 01, 2016 8:50 AM EDT
To: Captain Kenneth Fong <Captain Kenneth Fong <kenneth.fong@pd.boston.gov>>; BKyes@chelseama.gov; rwells@mpdmilton.org; Michael Kiely < Michael Kiely <mkiely@police.somerville.ma.us>>; David Fallon <David Fallon <dfallon@police.somerville.ma.us>>; Paul Trant <Paul Trant <ptrant@police.somerville.ma.us>>; rgillan@quincyma.gov; joep@quincyma.gov; Eric Ricciardi < Eric Ricciardi <ericciardi@quincyma.gov>>; Brian Souza <Brian Souza <bsouza@sonetelectrical.com>>; Shawn <RomanoskiS. bpd@cityofboston. gov> Romanoski; Louie Madeira <Louie Madeira <louis.madeira@pd.boston.gov>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Chris DiBona <Chris DiBona <Cdibona@brewsterambulance.com>>; pboudreau@allcomm1.com; Chris Laquidara <Chris Laquidara <claquidara@allcomm1.com>>; PD Kenny Bruker < PD Kenny Bruker <Kbruker@hotmail.com>>; Ford Lt Steven <Ford Lt Steven <sford@reverepolice.org>>; jguido@reverepolice.org; Chief Delahanty <Chief Delahanty <tdelehanty@town.winthrop.ma.us>>; Wayne Carter <Wayne Carter <wcarter@town.winthrop.ma.us>>; Jeffrey Gilmore <Jeffrey Gilmore <jeffrey.gilmore@cityofeverett.org>>; Pam Monzione <Pam Monzione <PMonzione@chelseama.gov>>; Robert Griffin <Robert Griffin <RGriffin@chelseama.gov>>; Mike Carazza < Mike Carazza <michael.carazza@wynnmass.com>>; David Hathaway <David Hathaway <Daveh2@transcor-IT.com>>; rtuell@haverhillpolice.com; Sergey Vasilyev <Sergey Vasilyev <Sergey_Vasilyev@hupd.harvard.edu>>; vetrenokg@state.gov; Mike Dimeo <Mike Dimeo <mdimeo@marshfieldpolice.org>>; Bruker Det Kenneth < Bruker Det Kenneth <kbruker@reverepolice.org>>; David Goodridge <David Goodridge <DGoodridge@somervillema.gov>>; Bruce Desmond <Bruce Desmond <bdesmond@somervillema.gov>>; Jane Desberg <Jane Desberg <sharonhousing@comcast.net>>; Dudley Freeman <Dudley Freeman <dcfreeman@acceleratedmt.com>>; Daniel Coleman <Daniel Coleman <daniel.coleman@pd.boston.gov>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; John King <John King <jking@mpdmilton.org>>; Gerald A OSCS Welton <Gerald A OSCS Welton <Gerald.A.Welton@uscg.mil>>; Jennifer L LT Hertzler <Jennifer L LT Hertzler <jennifer.l.hertzler@uscg.mil>>; tcavanaugh@sonetelectrical.com; Jim Fitzpatrick < Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Chuck Famolare <Chuck Famolare <cfamolare@aol.com>>; Kevin Grassa <Kevin Grassa <k.grassa@whitridge.com>>; Monty Hitschler <Monty Hitschler <mhitschler@rockportma.gov>>; Jaime Lewis <Jaime Lewis <jaime@goodchem.org>>; Steve Leitch <Steve Leitch <stephen.leitch@hq.dhs.gov>>; Stephen Wallace <Stephen Wallace <swallace@braintreema.gov>>; Jason Marshall <Jason Marshall <Marshallj.bpd@cityofboston.gov>>; Paul Oxford <Paul Oxford <poxfor@gmail.com>>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Lori Slabine <Lori Slabine <LSlabine@hubtechnical.com>>; mackevin85 <mackevin85 <mackevin85@verizon.net>>; Peter J. Rugg < Peter J. Rugg <peter@systemselectricalservices.com>>; Jeremy Krinitt <Jeremy Krinitt <jeremy.krinitt@BriefCam.com>>; Ken Corson <Ken Corson <corsonk@hingham-ma.gov>>; Linda Calnan < Linda Calnan <linda.calnan@boston.gov>>; Rob Mallett <Rob Mallett <rmallett@townofmilton.org>>; Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Mike Marino <Mike Marino <mmarino@town.auburn.ma.us>>; Todd Miller <Todd Miller <tmiller@ravemobilesafety.com>>; Nick Naioti < Nick Naioti <nnaioti@persistentsystems.com>>; Nicholas Sacramona <Nicholas Sacramona <nsacramona@bostonpublicschools.org>>; James P. Meade < James P. Meade <jmeade@bpl.org>>; Timothy Parsons <Timothy Parsons <TParsons@yarmouth.ma.us>>; Jennifer Polito <Jennifer Polito <jpolito@massnahro.org>>; Paul Shiff <Paul Shiff <PShiff@hubtechnical.com>>; Ernie Richards <Ernie Richards <erichards@elpelec.com>>; Stephen Regan <Stephen Regan <reganstrategies@comcast.net>>; Rich Hoefer < Rich Hoefer <RHoeferJr@hhbuilders.com>>; Mary Skipper <Mary Skipper <mskipper@k12.somerville.ma.us>>; William Yee <William Yee <WYee@allcomm1.com>>; Al Carrier <Al Carrier <Acarrier@wynndevelopment.com>>; Alan Jussif <Alan Jussif <AJussif@chelseama.gov>>; Paul Simonini < Paul Simonini <psimo3@aol.com>>; Paul Terrasi <Paul Terrasi <paul@bostonsoundworks.com>>; John Tocco < John Tocco <john.tocco@wynnmass.com>>; Tom Mcgurn <Tom Mcgurn <tom.mcgurn@massbayelectric.com>>; Brenda Jones <Brenda Jones <brenda.jones@boston.gov>>; Dennis Collins <Dennis Collins <dcollins@socialsentinel.com>>; johnhamelburg@randolphmapolice.com
CC: Vickie Balaschi <Vickie Balaschi <VBalaschi@Lan-Tel.com>>; John Grennon <John Grennon <jgrennon@lan-tel.com>>
Subject: Fwd: LAN-TEL Open House 6.15.16
Attachment(s): "image001.jpg","ATT00001.htm","LAN-TEL Open House_Seminar 6.15.16.pdf","ATT00002.htm"

Good Morning !

To all Invitees and featured customers :

Lan - Tel Communications has moved to a new spacious and cutting edge office in Norwood MA.

I am sincerely extending this invitation to all that I personally interact with, so you can intimately see our vision for tomorrow , and partake in our exciting new venture and celebration.

This expansion will introduce and make available new resources to meet the 24/7 demand of your respected departments , agencies and environments . I hope that you can stop by , have a cup of coffee and share in our excitement . I know your schedules are very tight , I hope to see you there and personally introduce you to the extended Lan-Tel family .

Thank you for your continued business and support !

Please RSVP to me if you would like to attend .

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

Begin forwarded message:

From: Vickie Balaschi <VBalaschi@Lan-Tel.com>
Date: June 1, 2016 at 7:33:14 AM EDT
To: Eric Johnson <ejohnson@Lan-Tel.com>
Subject: LAN-TEL Open House 6.15.16

From: Vickie Balaschi <VBalaschi@Lan-Tel.com>
Sent: Thursday, June 02, 2016 9:13 AM EDT
To: Deirdre Habershaw (deirdre.habershaw@boston.gov) < Deirdre Habershaw (deirdre.habershaw@boston.gov) <deirdre.habershaw@boston.gov>>
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Jeff Bodio <Jeff Bodio <jeffb@lan-tel.com>>
Subject: April 2016 CIMS Billing
Attachment(s): "Invoice 9915027.pdf","April 2016 CIMS Backup.xlsx"

Good Morning,

Please see the attached invoice and backup for CIMS work completed in April 2016. Please feel free to reach out with any questions. Have a great day!

Thank you,
Vickie

LAN-TEL
COMMUNICATIONS, INC.

Vickie Balaschi
Marketing Manager
1400 Providence Highway, Suite 3100
Norwood, MA 02062
Phone: 781.352.4637
Fax: 781.551.8667
Cell: 774.766.8616
vbalaschi@lan-tel.com
www.lan-tel.com

From: Eamon Miller <eamon.miller@boston.gov>
Sent: Friday, June 03, 2016 2:30 PM EDT
To: Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>
CC: Brenda Jones <Brenda Jones <brenda.jones@boston.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>
Subject: PsNet/Interisle

Hi Eric,

Do you have time today to for a quick call re: PsNet/Interisle?

Thanks,
Eamon

--

Eamon Miller
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Friday, June 03, 2016 2:33 PM EDT
To: Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>
CC: Brenda Jones <Brenda Jones <brenda.jones@boston.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>
Subject: Re: PsNet/Interisle

Yes at 3 ?

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Jun 3, 2016, at 2:31 PM, Eamon Miller <eamon.miller@boston.gov> wrote:

> Hi Eric,
>
> Do you have time today to for a quick call re: PsNet/Interisle?
>
> Thanks,
> Eamon
>
> --
>
> **Eamon Miller**
> **Regional Planner**
>
> **Office of Emergency Management (OEM)**
> Boston City Hall, Room 204 | Boston, MA 02201
> Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Sunday, June 05, 2016 6:33 AM EDT
To: Pam Monzione <Pam Monzione <PMonzione@chelseama.gov>>; John Cowhig <John Cowhig <JCowhig@ChelseaMA.gov>>; Mark Savage <Mark Savage <msavage@lan-tel.com>>; Jim Rex < Jim Rex <jrex@lan-tel.com>>; Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Robert Griffin <Robert Griffin <RGriffin@chelseama.gov>>
Subject: Fwd: Down: CSHB-EOC

Just an FYI EOC power problem ? I don't if Chuck is under contract for monitoring .

Saw link between here and soldiers home go down too . Figured I would pass on .

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

Begin forwarded message:

> **From:** <BOSCIMSAlerts@lan-tel.com>
> **Date:** June 5, 2016 at 6:25:06 AM EDT
> **To:** <ejohnson@lan-tel.com>
> **Subject: Down: CSHB-EOC**
>
> 06/05 06:05:06: Message from InterMapper 5.7
>
> Event: Down
> Name: CSHB-EOC
> Document: Chelsea Phase II
> Address: 10.10.88.81
> Probe Type: Ping/Echo
> Condition:
>
> Time since last reported down: 47 days, 22 hours, 48 minutes, 55 seconds
> Device's up time: N/A

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Sunday, June 05, 2016 10:47 AM EDT
To: Pam Monzione <Pam Monzione <PMonzione@chelseama.gov>>; John Cowhig <John Cowhig <JCowhig@ChelseaMA.gov>>; Mark Savage <Mark Savage <msavage@lan-tel.com>>; Jim Rex < Jim Rex <jrex@lan-tel.com>>; Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Robert Griffin <Robert Griffin <RGriffin@chelseama.gov>>
Subject: Re: Down: CSHB-EOC

Looks like it's a power issue

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Jun 5, 2016, at 6:33 AM, Eric Johnson <ejohnson@Lan-Tel.com> wrote:

> Just an FYI EOC power problem ? I don't if Chuck is under contract for monitoring .
>
> Saw link between here and soldiers home go down too . Figured I would pass on .
>
> Respectfully ,
>
> Eric Johnson
> Project Manager
> Lan-Tel Communications
> 1400 Providence Highway, Suite 2000
> Norwood, MA 02062
>
> Cell: 617-413-2148
> Phone: 781-352-4656
> Fax: 781-551-8667
>
> ejohnson@lan-tel.com
> www.lan-tel.com
>
> Begin forwarded message:
>
> > **From:** <BOSCIMSAlerts@lan-tel.com>
> > **Date:** June 5, 2016 at 6:25:06 AM EDT
> > **To:** <ejohnson@lan-tel.com>
> > **Subject: Down: CSHB-EOC**
> >
> > 06/05 06:05:06: Message from InterMapper 5.7
> >
> > Event: Down
> > Name: CSHB-EOC
> > Document: Chelsea Phase II
> > Address: 10.10.88.81
> > Probe Type: Ping/Echo
> > Condition:
> >
> > Time since last reported down: 47 days, 22 hours, 48 minutes, 55 seconds
> > Device's up time: N/A

From: Eamon Miller <eamon.miller@boston.gov>
Sent: Monday, June 06, 2016 3:33 PM EDT
To: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>
CC: Chuck Wade <Chuck Wade <chuck@interisle.net>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Brenda Jones <Brenda Jones <brenda.jones@boston.gov>>
Subject: Interisle Consulting Group/Lan-Tel Communications

Kate,

Thank you for touching base with me earlier regarding a subcontract for Interisle to manage PsNet for the short term. We appreciate Lan-Tel's willingness to help the region during this time.

I have Cc'd Chuck Wade, Interisle Consulting Group, so the two of you can connect to complete the subcontracting documentation process. For the record, the services requested from Interisle will be to provide consultant services for the network and technical management for the PSnet network infrastructure in the Metro Boston Homeland Security Region.

Thanks again and let me know if I can help with anything.

Eamon

--

Eamon Miller
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: Scott Wilder <swilder@brooklinema.gov>
Sent: Monday, June 06, 2016 3:50 PM EDT
To: Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>; Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>
CC: Chuck Wade <Chuck Wade <chuck@interisle.net>>; Brenda Jones <Brenda Jones <brenda.jones@boston.gov>>
Subject: RE: Interisle Consulting Group/Lan-Tel Communications

Sorry I missed the call, could not break free from a meeting, , but thanks to everyone , making this happen.
Scott

Officer Scott Wilder
Director of Technology
Brookline Police Department
350 Washington Street
Brookline, MA. 02445-6800
Office : 617-730-2259
swilder@brooklinema.gov

From: Eamon Miller [mailto:eamon.miller@boston.gov]
Sent: Monday, June 06, 2016 3:33 PM
To: Kate Waldron
Cc: Chuck Wade; Scott Wilder; Brenda Jones
Subject: Interisle Consulting Group/Lan-Tel Communications
Importance: High

Kate,

Thank you for touching base with me earlier regarding a subcontract for Interisle to manage PsNet for the short term. We appreciate Lan-Tel's willingness to help the region during this time.

I have Cc'd Chuck Wade, Interisle Consulting Group, so the two of you can connect to complete the subcontracting documentation process. For the record, the services requested from Interisle will be to provide consultant services for the network and technical management for the PSnet network infrastructure in the Metro Boston Homeland Security Region.

Thanks again and let me know if I can help with anything.

Eamon

--

Eamon Miller
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

The substance of this message, including any attachments, may be confidential, legally privileged and/or exempt from disclosure pursuant to Massachusetts law. It is intended solely for the addressee. If you received this in error, please contact the sender and delete the material from any computer.

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, June 07, 2016 1:39 PM EDT
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; zpena@genetec.com <zpena@genetec.com>; bhenry@mbta.com <bhenry@mbta.com>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Abhishek Khule <Abhishek Khule <akhule@bphc.org>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Daniel Keeler <Daniel Keeler <daniel.keeler@pd.boston.gov>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis.Medeira@pd.boston.gov <Louis.Medeira@pd.boston.gov>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>
Subject: Security Camera Status Meeting Updates for Tomorrow's Meeting
Attachment(s): "Security Camera Strategy Meeting_6-8-16.docx"

Please see attached updates for our meeting tomorrow.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Eamon Miller <eamon.miller@boston.gov>
Sent: Wednesday, June 08, 2016 9:39 AM EDT
To: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>
CC: Chuck Wade <Chuck Wade <chuck@interisle.net>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Brenda Jones <Brenda Jones <brenda.jones@boston.gov>>
Subject: Re: Interisle Consulting Group/Lan-Tel Communications

Kate, Chuck,

Thank you for working together to get a contract in place as soon as possible to address the gap. Please let me know what an official agreement has been made so I can cut a PO to Lan-Tel. We are ready to go when you are.

Thank you again.

Eamon

On Mon, Jun 6, 2016 at 3:33 PM, Eamon Miller<eamon.miller@boston.gov> wrote:

> Kate,
>
> Thank you for touching base with me earlier regarding a subcontract for Interisle to manage PsNet for the short term. We appreciate Lan-Tel's willingness to help the region during this time.
>
> I have Cc'd Chuck Wade, Interisle Consulting Group, so the two of you can connect to complete the subcontracting documentation process. For the record, the services requested from Interisle will be to provide consultant services for the network and technical management for the PSnet network infrastructure in the Metro Boston Homeland Security Region.
>
> Thanks again and let me know if I can help with anything.
>
> Eamon
>
> --
>
> **Eamon Miller**
> **Regional Planner**
>
> **Office of Emergency Management (OEM)**
> Boston City Hall, Room 204 | Boston, MA 02201
> Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

--

Eamon Miller
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: Eamon Miller <eamon.miller@boston.gov>
Sent: Wednesday, June 15, 2016 2:23 PM EDT
To: Chuck Wade <Chuck Wade <chuck@interisle.net>>
CC: Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>
BCC: brenda.jones@boston.gov <brenda.jones@boston.gov>
Subject: Lan-Tel Contract

Chuck,
Please confirm you have agreed to terms and signed a contract with Lan-Tel for the continuation of PsNet Management for the MBHSR.

Thanks,
Eamon

--

Eamon Miller
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: Michael Kane <michael.kane@boston.gov>
Sent: Monday, June 20, 2016 4:25 PM EDT
To: Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>
CC: Vin Stancato <Vin Stancato <vstancato@lan-tel.com>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; John Cunniffe <John Cunniffe <john.cunniffe@pd.boston.gov>>
Subject: Re: Mk : July 4th Salvos

Hi Gents,

Wanted to see if you had developed any salvos for this years July 4th events.

Could you send Sgt Cunniffe and I the names of the salvos when completed.

Thanks so much,

Mike

On Wed, Apr 27, 2016 at 10:24 AM, Louis Madeira<louis.madeira@pd.boston.gov> wrote:

> Hi Mike,
>
> As I've informed you in a recent email, all requests of this nature should be made to Deputy Daley. I hope this helps.
>
> P.O. Lou Madeira
> Boston Police Department
> Bureau of Administration and Technologies
> Communication Division
> (617) 991-6672
>
> Sent from my IPhone
>
> On Apr 27, 2016, at 10:18 AM, Michael Kane <michael.kane@boston.gov> wrote:
>
> > Hi Gentlemen,
> >
> > What would be the correct protocol to request this capability for the EOC we had a few requests during the marathon activation?
> >
> > Thanks,
> >
> > Mike
> >
> > --
> > **Michael Kane**
> > **Logistics Section Coordinator**
> > **Office of Emergency Management (OEM)**
> > 85 Bragdon Street | Boston, MA 02201
> > Phone: 617-343-2413| Cell: 617-895-7215
> > michael.kane@boston.gov

--
Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Louis Madeira <louis.madeira@pd.boston.gov>
Sent: Monday, June 20, 2016 5:01 PM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
CC: Vin Stancato <Vin Stancato <vstancato@lan-tel.com>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; John Cunniffe <John Cunniffe <john.cunniffe@pd.boston.gov>>
Subject: Re: Mk : July 4th Salvos

HI Mike,

I will be taking care of the salvo on Vidsys and the layout on Dvtel. I will email you when they are complete.

Respectfully,

On Mon, Jun 20, 2016 at 4:25 PM, Michael Kane<michael.kane@boston.gov> wrote:

> Hi Gents,
>
> Wanted to see if you had developed any salvos for this years July 4th events.
>
> Could you send Sgt Cunniffe and I the names of the salvos when completed.
>
> Thanks so much,
>
> Mike
>
> On Wed, Apr 27, 2016 at 10:24 AM, Louis Madeira<louis.madeira@pd.boston.gov> wrote:
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> > Hi Mike,
> >
> > As I've informed you in a recent email, all requests of this nature should be made to Deputy Daley. I hope this helps.
> >
> > P.O. Lou Madeira
> > Boston Police Department
> > Bureau of Administration and Technologies
> > Communication Division
> > (617) 991-6672
> >
> > Sent from my IPhone
> >
> > On Apr 27, 2016, at 10:18 AM, Michael Kane <michael.kane@boston.gov> wrote:
> >
> > > Hi Gentlemen,
> > >
> > > What would be the correct protocol to request this capability for the EOC we had a few requests during the marathon activation?
> > >
> > > Thanks,
> > >
> > > Mike
> > >
> > > --
> > > **Michael Kane**
> > > **Logistics Section Coordinator**
> > > **Office of Emergency Management (OEM)**
> > > 85 Bragdon Street | Boston, MA 02201
> > > Phone: 617-343-2413| Cell: 617-895-7215
> > > michael.kane@boston.gov

--
Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215

michael.kane@boston.gov

--
Police Officer Lou Madeira
Boston Police Department
Bureau of Administration & Technology
Communications Division
Cell (617) 991-6672

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, June 21, 2016 3:51 PM EDT
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; zpena@genetec.com <zpena@genetec.com>; bhenry@mbta.com <bhenry@mbta.com>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Abhishek Khule <Abhishek Khule <akhule@bphc.org>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Daniel Keeler <Daniel Keeler <daniel.keeler@pd.boston.gov>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis.Medeira@pd.boston.gov <Louis.Medeira@pd.boston.gov>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>
Subject: Security Camera Strategy Meeting Status Update for 6/22/16 Meeting
Attachment(s): "Security Camera Strategy Meeting_6-22-16.docx"

See attached update for tomorrow's meeting.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

Security Camera Strategy
Status Meeting – 6/22/16

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

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

Called by: Linda Calnan x2875

I. Agenda-Locations / Status Updates / Action Items

Locations: (Updates in bold:)

- **Public Health – Various ongoing projects:**
  - **BPHC/EMS** - Enable 45 user logins with appropriate access 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 compete ~ early July.
  - **BPHC-112 S. Hampton** – new cameras needed to replace existing. Siemens to assess
  - **1010 Mass Ave/Cameras –** Roof camera repositioned to bldg. front. Cabling for cameras complete. Siemens reassessed camera positions. Dates being coordinated for next steps:
    a.) order & install Ethernet extenders
    b.) order & install cameras
    c.) complete terminations and test cameras

- **85 Bragdon St. –** Next project = July 4th preparation. BPD Mass State Police uplink – Mike Kane managing.

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

  - BHA locations involved
  - # and location of cameras at the involved sites
  - Network connectivity strategy – IPsec tunnels, per Brett

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

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

- **St. Mary's Hub, Dorchester – Relocation of BPD camera network hub to BFD Engine 21 – IPs provided by BONET team; relocation in progress.**

- **Mattapan EMS Station –** User account set up on workstation for John Cushing to see cameras at River St. – 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 – 6/22/16

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

- **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. 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 contract needs approval and PO. Jerry recommends to run extra CAT5 cable on roof for 2 cameras and wifi.

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

- **BCYF – 112 Paris St. Fiber & Cameras – BCYF currently under construction so camera project to begin ~ 8 months. P**lan is to install pt-to-pt wireless connection and add 2 addt'l cameras to suite for a total of 15 cameras. Network connectivity also required for ~45 workstations. No VoIP requirements initially – plan is to use analog until fiber is installed. Linda/Jerry working with Ken Griffin (COB PM) and BCYF team on this**.**

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

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

Security Camera Strategy
Status Meeting – 6/22/16

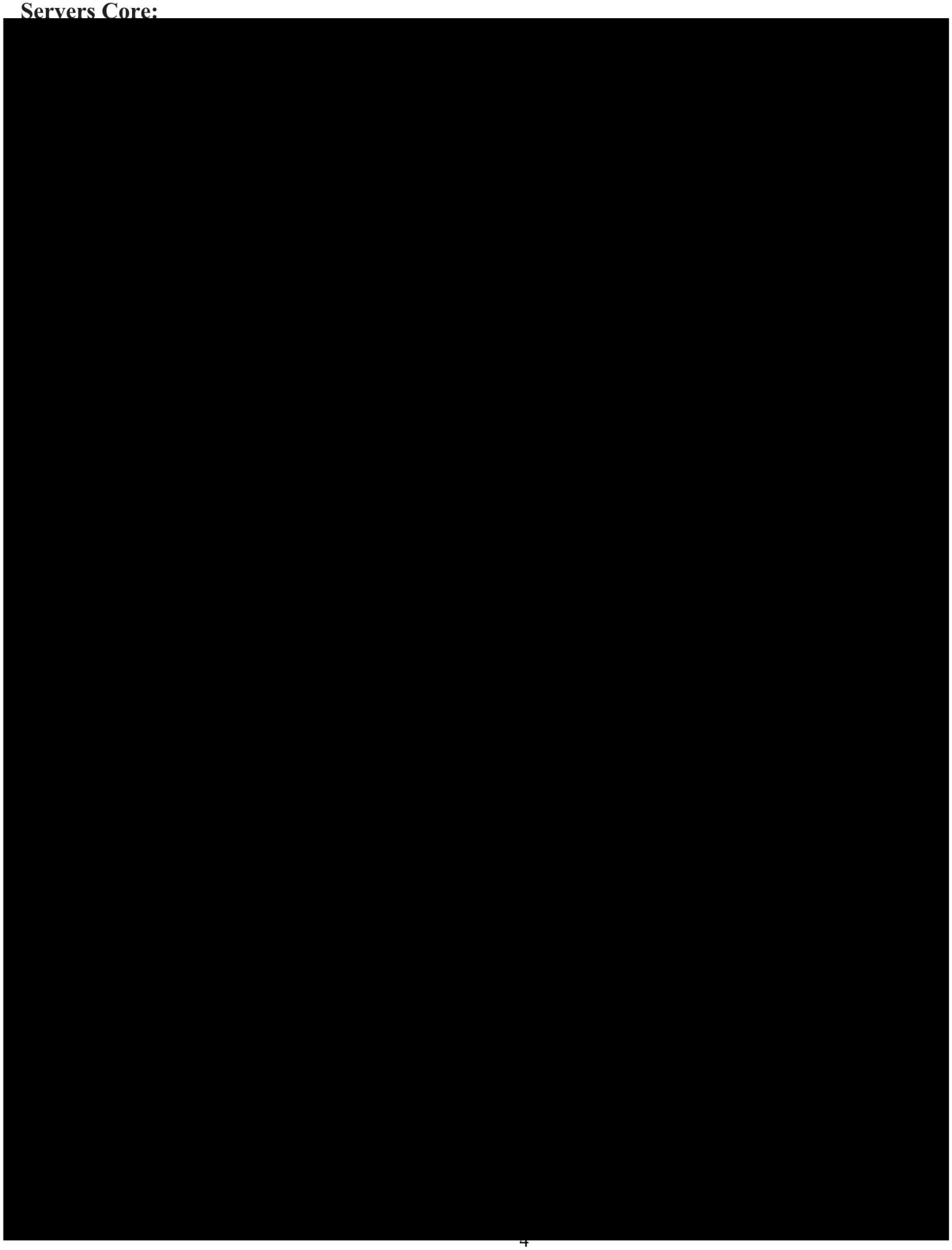
II. On bi-weekly schedule.

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

Security Camera Strategy
Status Meeting – 6/22/16

Appendix A

Servers Core:



From: Chuck Wade <Chuck@Interisle.net>
Sent: Friday, June 24, 2016 1:26 PM EDT
To: Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>
CC: Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Colin Strutt <Colin Strutt <Colin@Interisle.net>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Eric Nisbet <Eric Nisbet <ENisbet@LAN-TEL.com>>
Subject: PSnet-Admin: Invoice for InterMapper annual maintenance renewal
Attachment(s): "V0000013139 - City of Boston .pdf","smime.p7s"

Eamon,

I am forwarding the latest invoice received from HelpSystems for renewing the annual maintenance for InterMapper servers and remote access clients. PSnet and CIMS rely on this maintenance contract for support and upgrades throughout the year. Upgrades add features, but also correct bugs we report, and include necessary security fixes.

The invoice includes three server licenses for unlimited devices. This is a grandfathered license that we do not want to lose, as it is quite cost effective, given the enormous number of devices that PSnet and CIMS monitor. In addition, the pooled set of 10 remote access licenses are also grandfathered. To be clear, it is no longer possible to order new licenses for unlimited devices or pooled remote access clients.

In the past, Interisle has paid these invoices directly to HelpSystems, and then invoiced OEM to recover our expense (with no markup). However, given the current situation, we are not in a position to handle this invoice, at least not without specific guidance.

If this could be paid directly by OEM, that would probably be the best option. We can arrange for HelpSystems to invoice OEM directly; just let us know how the invoice should be addressed. The total amount of this invoice comes to $3,442.00. This is a reasonable annual cost given the extensive use we make of InterMapper and its ability to allow anyone within MBHSR to use InterMapper, or leverage InterMapper services.

Here is a breakout of the invoice in a way that should be easier to follow:

Item	Description	Qty	Unit Price	Ext. Price
1	InterMapper server license for unlimited devices (grandfathered license; 3 servers required for unlimited devices)	3	$839.00	$2,517.00
2	InterMapper Remote Access clients 10-pack (pooled) (grandfathered; pooled licenses can be shared by an unlimited # of users)	1	$389.00	$389.00
3	InterMapper Remote Access clients 10-pack (standard) (these are for individual users; typically heavy users)	1	$536.00	$536.00
	Invoice Total:			**$3,442.00**

Let us know if you have any questions, and how you would like to proceed.

...Chuck
--

Chuck Wade, Principal
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From: Chuck Wade <Chuck@Interisle.net>
Sent: Friday, July 01, 2016 3:17 PM EDT
To: David Mahoney <David Mahoney <DAMahoney@CambridgeFire.org>>; Glenn Turner <Glenn Turner <GTurner@CambridgeFire.org>>; Gerry Reardon <Gerry Reardon <GReardon@CambridgeFire.Org>>
CC: Pitts, Ken; Brian Mollo <Brian Mollo <BMollo@MIT.edu>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Scott Wilder <Scott Wilder <SWilder@BrooklineMA.gov>>; Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Colin Strutt <Colin Strutt <Colin@Interisle.net>>; Fred Goldstein <Fred Goldstein <Fred@Interisle.net>>
Subject: PSnet: Fiber link between 1 Summer & 300 Bent NoX suites has been restored
Attachment(s): "smime.p7s"

Folks,

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Another important change I was able to implement is that we now have a full Layer 2/3 connection between the PSnet switches at 300 Bent and Cambridge Fire. This connection actually goes via a pair of BBN switches that provide a 10 Gbps link between these two sites, and this link is shared with BBN and Harvard (PSnet has a full 1 Gbps slice of this bandwidth). Technically, we are running over a VLAN Tunnel, which is why we're able to established a "trunked" interface between the PSnet switches, which means we can now multiplex multiple VLANs over this path. In the process of setting this up, we found another interface inconsistency for the connection at 300 Bent, which Brian and I were able to resolve.

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Hope everyone has a great 4th of July...
...Chuck
--

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From: Scott Wilder <swilder@brooklinema.gov>
Sent: Friday, July 01, 2016 3:28 PM EDT
To: Chuck Wade <Chuck Wade <Chuck@Interisle.net>>; David Mahoney <David Mahoney <DAMahoney@CambridgeFire.org>>; Glenn Turner <Glenn Turner <GTurner@CambridgeFire.org>>; Gerry Reardon <Gerry Reardon <GReardon@CambridgeFire.Org>>
CC: Pitts, Ken; Brian Mollo <Brian Mollo <BMollo@MIT.edu>>; Eric Johnson < Eric Johnson <EJohnson@LAN-TEL.com>>; Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Colin Strutt <Colin Strutt <Colin@Interisle.net>>; Fred Goldstein <Fred Goldstein <Fred@Interisle.net>>
Subject: RE: PSnet: Fiber link between 1 Summer & 300 Bent NoX suites has been restored

Nice work, thanks - have a good 4th as well...Scott

Officer Scott Wilder
Director of Technology
Brookline Police Department
350 Washington Street
Brookline, MA. 02445-6800
Office : 617-730-2259
swilder@brooklinema.gov

From: Chuck Wade [mailto:Chuck@Interisle.net]
Sent: Friday, July 01, 2016 3:18 PM
To: David Mahoney; Glenn Turner; Gerry Reardon
Cc: Pitts, Ken; Brian Mollo; Eric Johnson; Scott Wilder; Eamon Miller; Brenda Jones; Colin Strutt; Fred Goldstein
Subject: PSnet: Fiber link between 1 Summer & 300 Bent NoX suites has been restored
Importance: High

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The substance of this message, including any attachments, may be confidential, legally privileged and/or exempt from disclosure pursuant to Massachusetts law. It is intended solely for the addressee. If you received this in error, please contact the sender and delete the material from any computer.

From: Turner, Glenn <GTurner@CambridgeFire.Org>
Sent: Friday, July 01, 2016 4:27 PM EDT
To: Chuck Wade <Chuck Wade <Chuck@Interisle.net>>
CC: Mahoney, David A; Reardon, Gerry; Pitts, Ken; Brian Mollo < Brian Mollo <BMollo@MIT.edu>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Scott Wilder <Scott Wilder <SWilder@BrooklineMA.gov>>; Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones < Brenda Jones <Brenda.Jones@Boston.gov>>; Colin Strutt <Colin Strutt <Colin@Interisle.net>>; Fred Goldstein < Fred Goldstein <Fred@Interisle.net>>
Subject: Re: PSnet: Fiber link between 1 Summer & 300 Bent NoX suites has been restored

Thanks for the great news Chuck!

Thanks to Brian Mollo for all his help as well!

Happy 4th to everyone.

Glenn Turner

Cambridge Fire Department
Technical Services Division

On Jul 1, 2016, at 3:17 PM, Chuck Wade <Chuck@Interisle.net> wrote:

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Sent: Friday, July 01, 2016 4:33 PM EDT
To: Turner, Glenn
CC: Chuck Wade <Chuck Wade <Chuck@interisle.net>>; Mahoney, David A; Reardon, Gerry; Pitts, Ken; Brian Mollo <Brian Mollo <BMollo@mit.edu>>; Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Scott Wilder <Scott Wilder <SWilder@brooklinema.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@boston.gov>>; Colin Strutt <Colin Strutt <Colin@interisle.net>>; Fred Goldstein <Fred Goldstein <Fred@interisle.net>>
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Sent from my iPhone

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> > A tip 'o the hat to Brian Mollo, who was able to switch the PSnet connection over to another pair of working fibers between the PSnet switches in the NoX suites at 300 Bent and 1 Summer. We had lost this link on June 29 at 00:06 EDT (just after midnight). The reason for the outage was that the Longfellow construction required another move of fibers to a different conduit bank, and this required re-splicing all strands. For some reason the pair of strands we were using did not get spliced correctly. The rest of this memo provides some additional details on further changes made today for anyone interested.
> >
> > Since we had the fiber link between Boston and Cambridge down due to this fiber outage, I took advantage of the situation to re-work configurations for the PSnet switches at the 300 Bent and 1 Summer NoX suites. In the process of working on these switches, I discovered additional missing route configurations, which I was able to correct. This may be why there was no disruption of the Motorola consoles when we restored the cross-river fiber, which resulted in traffic being rerouted over this link. In particular, we now have OSPF routing re-established between the PSnet switch at 1 Summer, and the switch at Boston City Hall. This, in turn, improves routing for the connections to MBTA, and provides another path to 35 Northampton via the microwave link to Transit Police HQ. For the curious, the likely explanation as to why routing over the fiber between 1 Summer and City Hall was lost was that Galaxy used to use this fiber for another Internet path for the City of Boston (and EOPSS) to 1 Summer and to the MXP in City Hall. When Galaxy shut down in June 2013, they let some interfaces revert to default settings, which were not correct. The problem with default settings is that they are not visible when reviewing listings, hence my tendency to avoid using defaults for critical functions, such as routing. I was also able to correct another problem with OSPF route updates being exchanged between 300 Bent and Cambridge Fire.
> >
> > Another important change I was able to implement is that we now have a full Layer 2/3 connection between the PSnet switches at 300 Bent and Cambridge Fire. This connection actually goes via a pair of BBN switches that provide a 10 Gbps link between these two sites, and this link is shared with BBN and Harvard (PSnet has a full 1 Gbps slice of this bandwidth). Technically, we are running over a VLAN Tunnel, which is why we're able to established a "trunked" interface between the PSnet switches, which means we can now multiplex multiple VLANs over this path. In the process of setting this up, we found another interface inconsistency for the connection at 300 Bent, which Brian and I were able to resolve.

Finally, I also rebooted both the 300 Bent and 1 Summer switches to change memory allocation for the ASIC chips at the core of these switches (so we can use extended matching). At the 300 Bent switch, I have also bumped up the MTU size, but I'm holding off on doing this at 1 Summer, since BoNet does not support carrier-class MTU sizes. One consequence of performing the reboot at 300 Bent is that we lost our record holder for the longest, continuously operating switch in PSnet. Until the reboot, the 300 Bent switch was reporting its uptime as 6 years and 6 weeks!!! Here is a display of this information captured just before the reboot:

```
PSnet300BentSt#show clock
10:54:54.955 EDT Fri Jul 1 2016
PSnet300BentSt#show version | include uptime
PSnet300BentSt uptime is 6 years, 6 weeks, 2 days, 19 hours, 10 minutes
```

That's an impressive record, and of course this switch is continuing to work reliably, but its uptime counter was restarted. Overall, the reliability of the Cisco 3550-12 switches has been outstanding.

Hope everyone has a great 4th of July...
...Chuck
--

Chuck Wade, Principal
Interisle Consulting Group
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+1 508 277-6439 Mobile
www.interisle.net

From: Chuck Wade <Chuck@Interisle.net>
Sent: Saturday, July 02, 2016 2:57 PM EDT
To: Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Fred Goldstein <Fred Goldstein <Fred@Interisle.net>>; David T. Menzies - Mobile < David T. Menzies - Mobile <david.menzies@d2five.com>>; Gerry Reardon <Gerry Reardon <GReardon@CambridgeFire.Org>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Mark Savage <Mark Savage <MSavage@LAN-TEL.com>>; Jim Rex <Jim Rex <JRex@LAN-TEL.com>>
Subject: Re: Brookline- disconnected from core
Attachment(s): "smime.p7s"

Scott,

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As an aside, the DragonWave Horizon 400 radio link from East Boston HS to the Commonwealth's MITC facility at 200 Arlington in Chelsea (i.e., the EOPSS CJIS data center) mysteriously decided to start working again on June 28, after being out of commission for over six months. This is unfortunately a pattern of behavior we've observed with both the DragonWave and BridgeWave radios where they will work reliably for a prolonged period, then go flaky on us for a period of time, and then suddenly start working again as though nothing ever happened.

The reason Brookline had so many problems with your Motorola consoles last evening into the early hours of today was that the link to Egleston was bouncing up and down. This in turn caused multiple routing events, which are the very thing that causes problems for these consoles. I will watch this situation today, but I'm likely to increase routing metrics from Brookline via Egleston so that the only time this link will ever get used is when the Mimosa link to MIT goes down, which fortunately has not been a problem. For instance, despite the briefly intense rain showers last evening, the Mimosa link was unaffected due to the natural rain fade immunity of 5GHz radios.

What we need is a more permanent solution to the connectivity problems affecting Brookline. Assuming we proceed with the plan to address the Egleston tower rework and restore the connection to Schroeder Plaza via NE Baptist Hospital, then we can also get the DragonWave Horizon radio at Egleston serviced (cost to be determined) before we move it to NEBH. We'll first check this radio out to see if it might have any physical damage, water leaks, or flaky electrical connections. One possibility is just a failing power supply, which has been a chronic problem with all of the DragonWave radios for some reason. I've added the LAN-TEL team to this response, since we're coordinating with them on this work.

Once we have a solid connection via NEBH to Brookline, then we'll be able to force routing to your consoles in such a way as to avoid any of the routing events that cause the consoles to think they've lost connectivity to the Core. I am reasonably confident that we can completely resolve these issues for you going forward when these changes are completed.

Finally, Scott I can provide a means for you to remotely disconnect your consoles from the Core, or you can call me to make this change remotely. We can also restore connectivity remotely as appropriate.

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Thanks,
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Scott

Officer Scott Wilder
Director of Technology
Brookline Police Department
350 Washington Street
Brookline, MA. 02445-6800
Office : 617-730-2259
swilder@brooklinema.gov

The substance of this message, including any attachments, may be confidential, legally privileged and/or exempt from disclosure pursuant to Massachusetts law. It is intended solely for the addressee. If you received this in error, please contact the sender and delete the material from any computer.

From: Chuck Wade <Chuck@Interisle.net>
Sent: Saturday, July 02, 2016 9:28 PM EDT
To: Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Fred Goldstein <Fred Goldstein <Fred@Interisle.net>>; David T. Menzies - Mobile < David T. Menzies - Mobile <david.menzies@d2five.com>>; Gerry Reardon <Gerry Reardon <GReardon@CambridgeFire.Org>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Mark Savage <Mark Savage <MSavage@LAN-TEL.com>>; Jim Rex <Jim Rex <JRex@LAN-TEL.com>>
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From: Scott Wilder <swilder@brooklinema.gov>
Sent: Monday, July 04, 2016 9:36 AM EDT
To: Chuck Wade <Chuck Wade <Chuck@Interisle.net>>; Fred Goldstein <Fred Goldstein <Fred@Interisle.net>>; David T. Menzies - Mobile < David T. Menzies - Mobile <david.menzies@d2five.com>>; Gerry Reardon <Gerry Reardon <GReardon@CambridgeFire.Org>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Eamon Miller < Eamon Miller <Eamon.Miller@Boston.gov>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Mark Savage < Mark Savage <MSavage@LAN-TEL.com>>; Jim Rex <Jim Rex <JRex@LAN-TEL.com>>
Subject: RE: Brookline- disconnected from core

Thank you Chuck, worrisome and bizarre problems, sounds like it is possessed, or cursed, good luck with the troubleshooting, Thanks for keeping us operational.
Have a good 4th.

Scott

From: Chuck Wade [mailto:Chuck@Interisle.net]
Sent: Saturday, July 02, 2016 9:29 PM
To: Scott Wilder; Fred Goldstein; David T. Menzies - Mobile; Gerry Reardon; Brenda Jones; Eamon Miller; Eric Johnson; Mark Savage; Jim Rex
Subject: Re: Brookline- disconnected from core

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From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, July 05, 2016 2:27 PM EDT
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; bhenry@mbta.com <bhenry@mbta.com>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Abhishek Khule <Abhishek Khule <akhule@bphc.org>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Daniel Keeler <Daniel Keeler <daniel.keeler@pd.boston.gov>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis.Medeira@pd.boston.gov <Louis.Medeira@pd.boston.gov>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>
Subject: Security Camera Meeting Status Update
Attachment(s): "Security Camera Strategy Meeting_7-06-16.docx"

Attached is the update for tomorrow's security camera strategy meeting.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Chuck Wade <Chuck@Interisle.net>
Sent: Sunday, July 10, 2016 4:09 PM EDT
To: Stephen Maywalt <Stephen Maywalt <SMaywalt@CambridgePolice.org>>; Kenneth Pitts <Kenneth Pitts <KPitts@Cambridge911.org>>
CC: Gerry Reardon <Gerry Reardon <GReardon@CambridgeFire.Org>>; Glenn Turner <Glenn Turner <GTurner@CambridgeFire.org>>; David Mahoney <David Mahoney <DAMahoney@CambridgeFire.org>>; Scott Wilder <Scott Wilder <SWilder@BrooklineMA.gov>>; Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Colin Strutt <Colin Strutt <Colin@Interisle.net>>; Fred Goldstein <Fred Goldstein <Fred@Interisle.net>>; David Menzies <David Menzies <David.Menzies@D2Five.com>>
Subject: PSnet: After-incident report on Cambridge switch outage and impact/resolution
Attachment(s): "smime.p7s"

Stephen, Ken, et al.,

The purpose of this memo is to summarize the nature of the network incident that affected Cambridge CJIS access and NICE Inform services, along with other system problems, including loss of InterMapper services and VPN access to PSnet. I am providing a chronology of the problem, and consequent resolution, along with an assessment. I will also provide some recommendations for preventing such events in the future.

Synopsis

Saturday evening at ~23:06, a network switch failure in the 5th floor server room at Cambridge Healy resulted in loss of CJIS services for Cambridge and disrupted NICE Inform services. In addition, the primary PSnet InterMapper system is located at this facility, and became disconnected after the switch failure. Further compounding problems, VPN access to PSnet currently goes through this same switch.

On-site deployment of a redundant power supply restored the PSnet switch to full service with a total outage time of 3 hours and 44 minutes. However, problems with the Nortel Contivity 1100 router used for communications to the EOPSS/DCJIS data center in Chelsea delayed restoral of CJIS services for Cambridge by another hour. By around 03:45, all services were fully restored, including CJIS and NICE Inform services. InterMapper and VPN remote access services were restored as of 02:49.

Chronology of Events and Recovery

- 07/09 23:05:52
  CamPS-SwA Cisco 3550-12G switch failed (power supply failure)
  This is the core switch at the Cambridge Healy Facility
  InterMapper network connectivity was disrupted by this switch failure, which meant that InterMapper alerts were not going out.
- 07/09 23:43:33
  Cambridge staff received notification from their WhatsUp monitoring system that CJIS connectivity via PSnet was down.
  The Verizon Frame Relay connection was also down (probably has been for some time), so all Cambridge connectivity to DCJIS services was lost.
- 07/10 00:13
  Ken Pitts forwarded WhatsUp notice to Chuck Wade
- 07/10 00:25
  Ken Pitts called Chuck Wade, left voice mail regarding problem
- 07/10 00:27
  Chuck received Ken's voice message, and began investigating situation. While a VPN connection into PSnet (via Cambridge Healy) was up, there was no access to InterMapper, and simple connectivity tests revealed that there were significant reachability issues into PSnet via the VPN connection.
- 07/10 00:35
  Chuck responded to Ken to confirm that these problems were being investigated.
  Ken noted that the critical issue was restoring CJIS services, but that that they had also lost access to the City's NICE Inform system. While there had not been any reports of radio system problems, this was an obvious area of concern.
- 07/10 00:35 to 01:25 (approximate)
  Chuck established alternative VPN connection into Schroeder Plaza and used backup InterMapper system to confirm suspected outage of CamPS-SwA switch. This also confirmed that Cambridge P25 services were still up through redundant switches.
  A call was placed to Stephen Maywalt, who was now on site at Healy Facility. Stephen immediately confirmed that CamPS-SwA was offline, apparently due to power supply failure. All other PSnet equipment at Healy Facility was up.
  After discussion of various options, it was decided that Chuck would head into Cambridge with a replacement switch and redundant Cisco power supply. The working assumption was that if only the switch power supply had failed, then it could be brought online with the redundant power supply.
- 07/10 02:30 (approximate)
  Chuck arrived at Healy Facility, and worked with Stephen to install and connect redundant power supply to failed

CamPS-SwA switch.

- 07/10 02:49
  CamPS-SwA switch booted up, and all connectivity via Cambridge Healy was restored.
  However, Cambridge still did not have CJIS services available. Stephen and Chuck determined that the Nortel Contivity router used to provide secure tunnels to the Commonwealth's data center in Chelsea was not coming up correctly. Locally, the DCJIS router (Contivity) brought its Ethernet interfaces up, but was not able to communicate via any of its ports. PSnet connectivity to Chelsea data center was confirmed to be good, but that the Contivity at Cambridge was not responding to tunnel initiation requests from Chelsea.
- 07/10 03:35 (approximate)
  After several resets and checks on physical connections, the DCJIS Contivity router finally came online, and we were able to confirm that it had established IPsec tunnels to the DCJIS firewall in Chelsea. Unfortunately, DCJIS Ops had initiated a tunnel reset, so with several application-related issues, CJIS services were not fully restored at Cambridge until about 03:45.
  Stephen also confirmed that the NICE Inform system was working. Aside, we need to determine how it is that the PSnet problems disrupted NICE Inform services.

Operational Impact Assessment

There were two problems affecting Cambridge public safety services: (1) failure of the CamPS-SwA switch power supply, and (2) failure of the DCJIS Nortel Contivity router to come up properly after an earlier power cycle of this device to attempt service restoral. Both problems directly impacted Cambridge access to DCJIS services.

The CamPS-SwA switch is actually the first Cisco 3550-12G switch to have been deployed in PSnet (circa early 2009), but it was initially positioned as a "core" switch for Cambridge Healy, with all network connections going through this switch. While additional switches have been added at Cambridge Healy for redundancy, this single switch is still a critical point of failure in the network (see below for recommendations). Unfortunately, multiple servers, firewalls, and VPN gateways located at the Cambridge Healy PSnet Hosting Center are still dependent on this switch, and when it failed the impact was significant. In this case, the tools to diagnose problems were unreachable via Cambridge, and no full-time operational capability yet exists at Boston Schroeder Plaza to provide alternative access to backup facilities. While temporary access was enabled, this added about a half hour to completing situational assessment. Note, in this case, we needed both an alternative VPN connection into PSnet as well as the backup InterMapper server. Normally, the backup IM server is easily reached, but due to the nature of the Cambridge outage, we needed to also establish another way to get to it.

Since Cambridge also reported problems with accessing their NICE Inform system, we need to better understand the relationship of this system to PSnet services, so that this service can be made more resilient.

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From: Turner, Glenn <GTurner@CambridgeFire.Org>
Sent: Tuesday, July 12, 2016 3:20 PM EDT
To: Chuck Wade <Chuck Wade <Chuck@Interisle.net>>; Maywalt, Stephen; Pitts, Ken
CC: Reardon, Gerry; Mahoney, David A; Scott Wilder <Scott Wilder <SWilder@BrooklineMA.gov>>; Eamon Miller < Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Colin Strutt <Colin Strutt <Colin@Interisle.net>>; Fred Goldstein < Fred Goldstein <Fred@Interisle.net>>; David Menzies <David Menzies <David.Menzies@D2Five.com>>
Subject: Re: PSnet: After-incident report on Cambridge switch outage and impact/resolution

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Organization: Interisle Consulting Group, LLC
Date: Sunday, July 10, 2016 at 4:09 PM
To: Stephen Maywalt <SMaywalt@CambridgePolice.org>, Ken Pitts <KPitts@Cambridge911.org>
Cc: Gerry Reardon <GReardon@CambridgeFire.Org>, Glenn Turner <GTurner@CambridgeFire.org>, David Mahoney <DAMahoney@CambridgeFire.org>, Scott Wilder <SWilder@BrooklineMA.gov>, Eamon Miller <Eamon.Miller@Boston.gov>, Brenda Jones <Brenda.Jones@Boston.gov>, Eric Johnson <EJohnson@LAN-TEL.com>, Colin Strutt <Colin@Interisle.net>, Fred Goldstein <Fred@Interisle.net>, David Menzies <David.Menzies@D2Five.com>
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Saturday evening at ~23:06, a network switch failure in the 5th floor server room at Cambridge Healy resulted in loss of CJIS services for Cambridge and disrupted NICE Inform services. In addition, the primary PSnet InterMapper system is located at this facility, and became disconnected after the switch failure. Further compounding problems, VPN access to PSnet currently goes through this same switch.

On-site deployment of a redundant power supply restored the PSnet switch to full service with a total outage time of 3 hours and 44 minutes. However, problems with the Nortel Contivity 1100 router used for communications to the EOPSS/DCJIS data center in Chelsea delayed restoral of CJIS services for Cambridge by another hour. By around 03:45, all services were fully restored, including CJIS and NICE Inform services. InterMapper and VPN remote access services were restored as of 02:49.

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  Chuck responded to Ken to confirm that these problems were being investigated.
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From: Pitts, Ken <KPitts@Cambridge911.Org>
Sent: Tuesday, July 12, 2016 3:41 PM EDT
To: Turner, Glenn; Chuck Wade <Chuck Wade <Chuck@Interisle.net>>; Maywalt, Stephen
CC: Reardon, Gerry; Mahoney, David A; Scott Wilder <Scott Wilder <SWilder@BrooklineMA.gov>>; Eamon Miller < Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Colin Strutt <Colin Strutt <Colin@Interisle.net>>; Fred Goldstein < Fred Goldstein <Fred@Interisle.net>>; David Menzies <David Menzies <David.Menzies@D2Five.com>>; Giacobbe, Christina
Subject: RE: PSnet: After-incident report on Cambridge switch outage and impact/resolution

Chuck,

Since Verizon has stopped providing Frame Relay service, Cambridge needs another alternate route for DCJIS.
We'd like to appropriate one of the [redacted] addresses to assign to the Contivity 1100 CJIS router. We would be patching the Contivity 1100 directly to the Comcast equipment in order to reduce the points of failure.

Can you provide me with a list of used/available addresses on that subnet?

Thanks,
Ken

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Sent: Tuesday, July 12, 2016 3:21 PM
To: Chuck Wade <Chuck@Interisle.net>; Maywalt, Stephen <SMaywalt@CambridgePolice.Org>; Pitts, Ken <KPitts@Cambridge911.Org>
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From: Chuck Wade <Chuck@Interisle.net>
Sent: Friday, July 15, 2016 8:33 AM EDT
To: Turner, Glenn; Maywalt, Stephen; Pitts, Ken
CC: Reardon, Gerry; Mahoney, David A; Scott Wilder <Scott Wilder <SWilder@BrooklineMA.gov>>; Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Colin Strutt <Colin Strutt <Colin@Interisle.net>>; Fred Goldstein <Fred Goldstein <Fred@Interisle.net>>; David Menzies <David Menzies <David.Menzies@D2Five.com>>
Subject: Re: PSnet: After-incident report on Cambridge switch outage and impact/resolution
Attachment(s): "smime.p7s"

Glenn, et al.,

I have been evaluating our options for cleaning up the Cambridge Healy site and trying to get a handle on how much effort will be involved. While we have recognized the need to restructure this site, the amount of effort required to do so has been an impediment. One reason this is not a typical restructuring exercise is that there are a lot of critical services at this site, and we need to rework everything with minimal disruption--ideally, no service disruptions. On the positive side, we've actually been whittling away at this problem over the past three years, and a lot of pieces have been put in place for the new structure, while out-of-date systems have gradually been taken off-line.

There are several, tightly interrelated systems that need to be restructured, including:

- Moving several core PSnet services off two old Dell PowerEdge 1850 servers onto Virtual Machines (VMs) running on the new blade servers. This will then allow us to decommission these old servers, either of which could fail at any time. The services that need to be moved are:
  - FATPOT currently running on a dedicated PowerEdge server. This project was underway at the time our contract ran out, and should be ready to complete. There is a dependency on the FATPOT team to complete this cutover.
  - Multiple "infrastructure" services running on another PowerEdge server ("NMS1"), including RADIUS (account-based authentication service), system logging, RANCID configuration management, SmokePing latency monitoring, and various tools used for things like firmware updates or config/data captures.
- Establishing a robust VPN remote access service based on supported hardware/software. Currently, several old SOHO-style firewalls are used to provide these services, and they can all be easily replaced with a single PowerRouter 732 (MikroTik) system. This would be consistent with what we currently have deployed at Schroeder Plaza, and should be established with an eye to site diversity. While there is a need to establish a much more comprehensive VPN remote access service, the immediate objective will be to consolidate the current hodge podge of multiple boxes into a single, supportable system.
- With the above steps completed, we will no longer need two Cisco 24-port switches, and these can be decommissioned. Any connections into these two switches that are still needed will be moved to other switches.
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- There is a console server installed at Healy for back door management of critical systems. This needs to be upgraded, and then reconnected to the remaining systems after the cleanup. This would bring Cambridge Healy up to the capability currently deployed at the mirror Schroeder Plaza site.
- Documentation must be updated to reflect the new structure at Healy before this project can be declared complete. Note that the lack of documentation is one reason things got out of control at this site, and has been a source of countless hours spent trying to figure out how things were actually configured to inter-work. This problem was compounded when two other Galaxy sites were folded into the Healy site in a rush.

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Let me know if you have any questions or would like further information on this proposed plan of action.

...Chuck

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> Our team can certainly help with the physical rack/stack removal type work on the 5th Floor.
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> **From:** Chuck Wade <Chuck@Interisle.net>
> **Organization:** Interisle Consulting Group, LLC
> **Date:** Sunday, July 10, 2016 at 4:09 PM
> **To:** Stephen Maywalt <SMaywalt@CambridgePolice.org>, Ken Pitts <KPitts@Cambridge911.org>
> **Cc:** Gerry Reardon <GReardon@CambridgeFire.Org>, Glenn Turner <GTurner@CambridgeFire.org>, David Mahoney <DAMahoney@CambridgeFire.org>, Scott Wilder <SWilder@BrooklineMA.gov>, Eamon Miller <Eamon.Miller@Boston.gov>, Brenda Jones <Brenda.Jones@Boston.gov>, Eric Johnson <EJohnson@LAN-TEL.com>, Colin Strutt <Colin@Interisle.net>, Fred Goldstein <Fred@Interisle.net>, David Menzies <David.Menzies@D2Five.com>
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Synopsis

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On-site deployment of a redundant power supply restored the PSnet switch to full service with a total outage time of 3 hours and 44 minutes. However, problems with the Nortel Contivity 1100 router used for communications to the EOPSS/DCJIS data center in Chelsea delayed restoral of CJIS services for Cambridge by another hour. By around 03:45, all services were fully restored, including CJIS and NICE Inform services. InterMapper and VPN remote access services were restored as of 02:49.

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  This is the core switch at the Cambridge Healy Facility
  InterMapper network connectivity was disrupted by this switch failure, which meant that InterMapper alerts were not going out.
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Operational Impact Assessment

There were two problems affecting Cambridge public safety services: (1) failure of the CamPS-SwA switch power supply, and (2) failure of the DCJIS Nortel Contivity router to come up properly after an earlier power cycle of this device to attempt service restoral. Both problems directly impacted Cambridge access to DCJIS services.

The CamPS-SwA switch is actually the first Cisco 3550-12G switch to have been deployed in PSnet (circa early 2009), but it was initially positioned as a "core" switch for Cambridge Healy, with all network connections going through this switch. While additional switches have been added at Cambridge Healy for redundancy, this single switch is still a critical point of failure in the network (see below for recommendations). Unfortunately, multiple servers, firewalls, and VPN gateways located at the Cambridge Healy PSnet Hosting Center are still dependent on this switch, and when it failed the impact was significant. In this case, the tools to diagnose problems were unreachable via Cambridge, and no full-time operational capability yet exists at Boston Schroeder Plaza to provide alternative access to backup facilities. While temporary access was enabled, this added about a half hour to completing situational assessment. Note, in this case, we needed both an alternative VPN connection into PSnet as well as the backup InterMapper server. Normally, the backup IM server is easily reached, but due to the nature of the Cambridge outage, we needed to also establish another way to get to it.

Since Cambridge also reported problems with accessing their NICE Inform system, we need to better understand the relationship of this system to PSnet services, so that this service can be made more resilient.

Fortunately, system redundancy did protect communications to P25 systems in Cambridge, including for Brookline, MIT, and Harvard. Analysis of the outage shows that, while one set of GGM8000 gateways at Cambridge Healy did become disconnected from the network, the redundant gateways never lost connectivity. Apparently, any routing events did not disrupt Console communications to the Core from Cambridge.

Recommendations

To be clear, the PSnet team has long had concerns about this situation at Cambridge Healy with the critical role that this single switch plays. There is no getting around the consequences of "Murphy's Law," and last night the veracity of this Law was again demonstrated. There are at least 84 Cisco 3550-12 switches deployed throughout PSnet, but only this one switch is so critical; and as predicted by old man Murphy, this is the switch that failed. Note that this is only the second instance of an actual hardware failure of one of these switches in an operational context. The other failure was not even noticed due to designed redundancy. The only reason that this situation has not been corrected is that budget constraints have limited work to problems that cause service disruptions. Another factor is that history and accumulated baggage at Cambridge Healy means that a moderate amount of effort is required to restructure the network in a way that eliminates single points of failure.

Consequently, our first recommendation is that restructuring network connectivity at Cambridge Healy be done as soon as feasible. This is one of two core sites along with Boston Schroeder Plaza, and both of these sites also serve as hosting centers. In addition to restructuring network connectivity, a lot of cleanup is also necessary. There are many pieces of equipment in the 5th floor server room that are either duplicative of other equipment (without adding resilience) or that are no longer in service. Probably about two thirds of a rack can be cleaned out. This includes six servers and multiple firewalls and network switches. One challenge with completing this task is that the critical operational nature of the site requires extraordinary care as services are redeployed and rebuilt. At this point, there are no additional capital requirements, just the effort to clean things up.

As a side issue, it is important to review the network requirements for Cambridge's NICE Inform system and implement appropriate measures to improve resilience for this service.

Given the vital role that remote VPN access now plays for the region, another long-delayed initiative needs to be pursued to establish fully-redundant VPN access from both Boston and Cambridge. This is not only important for network support (and CIMS camera support), but also for the Motorola MCC100 deployable consoles. Related improvements to security services (e.g., RADIUS) also need to be addressed. Ideally, VPN access needs to be available via more than one ISP connection. Currently, both Cambridge and Boston sites rely on Comcast cable services.

While considerable progress has been made in establishing and maintaining resilient InterMapper services, there is further work needed to better integrate the Boston and Cambridge InterMapper services, and also complete integration with CIMS camera monitoring via InterMapper. Should we ever lose access to one of PSnet's hosting centers, having access to InterMapper and other tools will be vital to restoring services.

Finally, Murphy's Law is still in play, and we should responsibly address some other areas of exposure. One in particular is that we currently rely on a single gateway at the EOPSS data center in Chelsea. In the past, Verizon's Frame Relay service could be used to recover CJIS communications, so this single point of failure was perhaps not as significant a concern. However, Verizon's FR service can no longer be relied upon, and failure of this one central gateway could take down CJIS services for all of MBHSR. The PSnet connections into the EOPSS data center are partially redundant today, and we have the necessary equipment in hand to build this out as a fully redundant system, so this is just a labor expenditure. We might also use this as an opportunity to leverage fiber connectivity into the Commonwealth's data center.

I am happy to address any questions, or provide further details on any of the issues surfaced in this memo.

...Chuck
--

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From: Turner, Glenn <GTurner@CambridgeFire.Org>
Sent: Saturday, July 16, 2016 8:25 AM EDT
To: Chuck Wade <Chuck Wade <Chuck@Interisle.net>>; Maywalt, Stephen; Pitts, Ken
CC: Reardon, Gerry; Mahoney, David A; Scott Wilder <Scott Wilder <SWilder@BrooklineMA.gov>>; Eamon Miller < Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Colin Strutt <Colin Strutt <Colin@Interisle.net>>; Fred Goldstein < Fred Goldstein <Fred@Interisle.net>>; David Menzies <David Menzies <David.Menzies@D2Five.com>>
Subject: Re: PSnet: After-incident report on Cambridge switch outage and impact/resolution

Thanks for the detailed plan Chuck.

Will work with Brenda and Eamon on a plan to get this accomplished.

Will get back to you ASAP.

Thanks again and enjoy your weekend.

Glenn

Technical Services Division
Cambridge Fire Department
978-314-1800 [cell]

From: Chuck Wade <Chuck@Interisle.net>
Sent: Friday, July 15, 2016 8:33:07 AM
To: Turner, Glenn; Maywalt, Stephen; Pitts, Ken
Cc: Reardon, Gerry; Mahoney, David A; Scott Wilder; Eamon Miller; Brenda Jones; Eric Johnson; Colin Strutt; Fred Goldstein; David Menzies
Subject: Re: PSnet: After-incident report on Cambridge switch outage and impact/resolution

Glenn, et al.,
I have been evaluating our options for cleaning up the Cambridge Healy site and trying to get a handle on how much effort will be involved. While we have recognized the need to restructure this site, the amount of effort required to do so has been an impediment. One reason this is not a typical restructuring exercise is that there are a lot of critical services at this site, and we need to rework everything with minimal disruption--ideally, no service disruptions. On the positive side, we've actually been whittling away at this problem over the past three years, and a lot of pieces have been put in place for the new structure, while out-of-date systems have gradually been taken off-line.
There are several, tightly interrelated systems that need to be restructured, including:

- Moving several core PSnet services off two old Dell PowerEdge 1850 servers onto Virtual Machines (VMs) running on the new blade servers. This will then allow us to decommission these old servers, either of which could fail at any time. The services that need to be moved are:
    - FATPOT currently running on a dedicated PowerEdge server. This project was underway at the time our contract ran out, and should be ready to complete. There is a dependency on the FATPOT team to complete this cutover.
    - Multiple "infrastructure" services running on another PowerEdge server ("NMS1"), including RADIUS (account-based authentication service), system logging, RANCID configuration management, SmokePing latency monitoring, and various tools used for things like firmware updates or config/data captures.
- Establishing a robust VPN remote access service based on supported hardware/software. Currently, several old SOHO-style firewalls are used to provide these services, and they can all be easily replaced with a single PowerRouter 732 (MikroTik) system. This would be consistent with what we currently have deployed at Schroeder Plaza, and should be established with an eye to site diversity. While there is a need to establish a much more comprehensive VPN remote access service, the immediate objective will be to consolidate the current hodge podge of multiple boxes into a single, supportable system.
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- Documentation must be updated to reflect the new structure at Healy before this project can be declared complete. Note that the lack of documentation is one reason things got out of control at this site, and has been a source of countless hours spent trying to figure out how things were actually configured to inter-work. This problem was compounded when two other Galaxy sites were folded into the Healy site in a rush.

There are several ways we can approach this restructuring and cleanup exercise. An immediate priority will be to decommission the old 3550-12G switch (CamPS-SwA) and move its connections and network role over to the newer 3750G switch stack. However, like a tangled mess of twine, we will need to unravel all the issues summarized above before this site will be in proper shape.

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As a side issue, it is important to review the network requirements for Cambridge's NICE Inform system and implement appropriate measures to improve resilience for this service.

Given the vital role that remote VPN access now plays for the region, another long-delayed initiative needs to be pursued to establish fully-redundant VPN access from both Boston and Cambridge. This is not only important for network support (and CIMS camera support), but also for the Motorola MCC100 deployable consoles. Related improvements to security services (e.g., RADIUS) also need to be addressed. Ideally, VPN access needs to be available via more than one ISP connection. Currently, both Cambridge and Boston sites rely on Comcast cable services.

While considerable progress has been made in establishing and maintaining resilient InterMapper services, there is further work needed to better integrate the Boston and Cambridge InterMapper services, and also complete integration with CIMS camera monitoring via InterMapper. Should we ever lose access to one of PSnet's hosting centers, having access to InterMapper and other tools will be vital to restoring services.

Finally, Murphy's Law is still in play, and we should responsibly address some other areas of exposure. One in particular is that we currently rely on a single gateway at the EOPSS data center in Chelsea. In the past, Verizon's Frame Relay service could be used to recover CJIS communications, so this single point of failure was perhaps not as significant a concern. However, Verizon's FR service can no longer be relied upon, and failure of this one central gateway could take down CJIS services for all of MBHSR. The PSnet connections into the EOPSS data center are partially redundant today, and we have the necessary equipment in hand to build this out as a fully redundant system, so this is just a labor expenditure. We might also use this as an opportunity to leverage fiber connectivity into the Commonwealth's data center.

I am happy to address any questions, or provide further details on any of the issues surfaced in this memo.

...Chuck

--

Chuck Wade, Principal
Interisle Consulting Group
+1 508 435-3050 Office
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www.interisle.net

From: Reardon, Gerry <GReardon@CambridgeFire.Org>
Sent: Saturday, July 16, 2016 9:07 AM EDT
To: Chuck Wade <Chuck Wade <Chuck@Interisle.net>>
CC: Turner, Glenn; Maywalt, Stephen; Pitts, Ken; Mahoney, David A; Scott Wilder <Scott Wilder <SWilder@BrooklineMA.gov>>; Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones < Brenda Jones <Brenda.Jones@Boston.gov>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Colin Strutt < Colin Strutt <Colin@Interisle.net>>; Fred Goldstein <Fred Goldstein <Fred@Interisle.net>>; David Menzies < David Menzies <David.Menzies@D2Five.com>>
Subject: Re: PSnet: After-incident report on Cambridge switch outage and impact/resolution

Chuck plan on moving forward I am finalizing final approval with OEM to fund this separately from approved PSNet budget.

It would need to be complete before the end of July.

Hopefully Monday we will have the green light, it will be limited to Healy for project scope.

Thanks for your assistance.

Sent from my iPhone

On Jul 15, 2016, at 08:33, Chuck Wade <Chuck@Interisle.net> wrote:

> Glenn, et al.,
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> I have been evaluating our options for cleaning up the Cambridge Healy site and trying to get a handle on how much effort will be involved. While we have recognized the need to restructure this site, the amount of effort required to do so has been an impediment. One reason this is not a typical restructuring exercise is that there are a lot of critical services at this site, and we need to rework everything with minimal disruption--ideally, no service disruptions. On the positive side, we've actually been whittling away at this problem over the past three years, and a lot of pieces have been put in place for the new structure, while out-of-date systems have gradually been taken off-line.
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This project will not require any new capital outlays, though there may be some minor materials expenses. On the other hand, there is a lot of labor required. My best estimate at the moment is that the effort could break out as follows:

Task	**Labor (est)**
Complete cutover of FATPOT server to VM	8
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Note that I did not include any labor in the above estimates for removal of old equipment, as you graciously offered to handle this task. We will, of course, work with the Cambridge team on identifying equipment to be removed, and assist with any re-cabling or power distribution.

While I hope we can accomplish this restructuring for less than the time estimated above, I want to be realistic. The good news is that the end result will improve reliability and maintainability of the system, and not just for Cambridge. This will benefit the entire Region, given the importance of this site as both a core network site, and one of our two hosting centers.

Finally, I should also note that there is some restructuring that needs to be done at the Schroeder Plaza site as well. In particular, there is a single 3750G-24 switch at Schroeder that was originally deployed in a manner similar to the CamPS-SwA switch in Cambridge, and its role needs to be subsumed into the 3750G switch stack at Schroeder that is the mirror to the switch stack in Cambridge. Fortunately, this is a smaller effort, but there are some other issues at Schroeder that need to be addressed in order to improve system reliability and maintainability.

Let me know if you have any questions or would like further information on this proposed plan of action.

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On 7/12/16 3:20 PM, Turner, Glenn wrote:

> Hi Chuck,
>
> Thanks for the detail on what went down.
>
> Can you give us an estimate on hour many man hours it will take to get Healy up to par?

Our team can certainly help with the physical rack/stack removal type work on the 5 th Floor.

Thank you again,

Glenn

From: Chuck Wade <Chuck@Interisle.net>
Organization: Interisle Consulting Group, LLC
Date: Sunday, July 10, 2016 at 4:09 PM
To: Stephen Maywalt <SMaywalt@CambridgePolice.org>, Ken Pitts <KPitts@Cambridge911.org>
Cc: Gerry Reardon <GReardon@CambridgeFire.Org>, Glenn Turner <GTurner@CambridgeFire.org>, David Mahoney <DAMahoney@CambridgeFire.org>, Scott Wilder <SWilder@BrooklineMA.gov>, Eamon Miller <Eamon.Miller@Boston.gov>, Brenda Jones <Brenda.Jones@Boston.gov>, Eric Johnson <EJohnson@LAN-TEL.com>, Colin Strutt <Colin@Interisle.net>, Fred Goldstein <Fred@Interisle.net>, David Menzies <David.Menzies@D2Five.com>
Subject: PSnet: After-incident report on Cambridge switch outage and impact/resolution

Stephen, Ken, et al.,

The purpose of this memo is to summarize the nature of the network incident that affected Cambridge CJIS access and NICE Inform services, along with other system problems, including loss of InterMapper services and VPN access to PSnet. I am providing a chronology of the problem, and consequent resolution, along with an assessment. I will also provide some recommendations for preventing such events in the future.

Synopsis

Saturday evening at ~23:06, a network switch failure in the 5th floor server room at Cambridge Healy resulted in loss of CJIS services for Cambridge and disrupted NICE Inform services. In addition, the primary PSnet InterMapper system is located at this facility, and became disconnected after the switch failure. Further compounding problems, VPN access to PSnet currently goes through this same switch.

On-site deployment of a redundant power supply restored the PSnet switch to full service with a total outage time of 3 hours and 44 minutes. However, problems with the Nortel Contivity 1100 router used for communications to the EOPSS/DCJIS data center in Chelsea delayed restoral of CJIS services for Cambridge by another hour. By around 03:45, all services were fully restored, including CJIS and NICE Inform services. InterMapper and VPN remote access services were restored as of 02:49.

Chronology of Events and Recovery

- 07/09 23:05:52
  CamPS-SwA Cisco 3550-12G switch failed (power supply failure)
  This is the core switch at the Cambridge Healy Facility
  InterMapper network connectivity was disrupted by this switch failure, which meant that InterMapper alerts were not going out.
- 07/09 23:43:33
  Cambridge staff received notification from their WhatsUp monitoring system that CJIS connectivity via PSnet was down.
  The Verizon Frame Relay connection was also down (probably has been for some time), so all Cambridge connectivity to DCJIS services was lost.
- 07/10 00:13
  Ken Pitts forwarded WhatsUp notice to Chuck Wade
- 07/10 00:25
  Ken Pitts called Chuck Wade, left voice mail regarding problem
- 07/10 00:27
  Chuck received Ken's voice message, and began investigating situation. While a VPN connection into PSnet (via Cambridge Healy) was up, there was no access to InterMapper, and simple connectivity tests revealed that there were significant reachability issues into PSnet via the VPN connection.
- 07/10 00:35
  Chuck responded to Ken to confirm that these problems were being investigated.
  Ken noted that the critical issue was restoring CJIS services, but that that they had also lost access to the City's NICE Inform system. While there had not been any reports of radio system problems, this was an obvious area of concern.
- 07/10 00:35 to 01:25 (approximate)
  Chuck established alternative VPN connection into Schroeder Plaza and used backup InterMapper system to confirm suspected outage of CamPS-SwA switch. This also confirmed that Cambridge P25 services were still up through redundant switches.
  A call was placed to Stephen Maywalt, who was now on site at Healy Facility. Stephen immediately

confirmed that CamPS-SwA was offline, apparently due to power supply failure. All other PSnet equipment at Healy Facility was up.
After discussion of various options, it was decided that Chuck would head into Cambridge with a replacement switch and redundant Cisco power supply. The working assumption was that if only the switch power supply had failed, then it could be brought online with the redundant power supply.

- 07/10 02:30 (approximate)
  Chuck arrived at Healy Facility, and worked with Stephen to install and connect redundant power supply to failed CamPS-SwA switch.
- 07/10 02:49
  CamPS-SwA switch booted up, and all connectivity via Cambridge Healy was restored.
  However, Cambridge still did not have CJIS services available. Stephen and Chuck determined that the Nortel Contivity router used to provide secure tunnels to the Commonwealth's data center in Chelsea was not coming up correctly. Locally, the DCJIS router (Contivity) brought its Ethernet interfaces up, but was not able to communicate via any of its ports. PSnet connectivity to Chelsea data center was confirmed to be good, but that the Contivity at Cambridge was not responding to tunnel initiation requests from Chelsea.
- 07/10 03:35 (approximate)
  After several resets and checks on physical connections, the DCJIS Contivity router finally came online, and we were able to confirm that it had established IPsec tunnels to the DCJIS firewall in Chelsea. Unfortunately, DCJIS Ops had initiated a tunnel reset, so with several application-related issues, CJIS services were not fully restored at Cambridge until about 03:45.
  Stephen also confirmed that the NICE Inform system was working. Aside, we need to determine how it is that the PSnet problems disrupted NICE Inform services.

Operational Impact Assessment

There were two problems affecting Cambridge public safety services: (1) failure of the CamPS-SwA switch power supply, and (2) failure of the DCJIS Nortel Contivity router to come up properly after an earlier power cycle of this device to attempt service restoral. Both problems directly impacted Cambridge access to DCJIS services.

The CamPS-SwA switch is actually the first Cisco 3550-12G switch to have been deployed in PSnet (circa early 2009), but it was initially positioned as a "core" switch for Cambridge Healy, with all network connections going through this switch. While additional switches have been added at Cambridge Healy for redundancy, this single switch is still a critical point of failure in the network (see below for recommendations). Unfortunately, multiple servers, firewalls, and VPN gateways located at the Cambridge Healy PSnet Hosting Center are still dependent on this switch, and when it failed the impact was significant. In this case, the tools to diagnose problems were unreachable via Cambridge, and no full-time operational capability yet exists at Boston Schroeder Plaza to provide alternative access to backup facilities. While temporary access was enabled, this added about a half hour to completing situational assessment. Note, in this case, we needed both an alternative VPN connection into PSnet as well as the backup InterMapper server. Normally, the backup IM server is easily reached, but due to the nature of the Cambridge outage, we needed to also establish another way to get to it.

Since Cambridge also reported problems with accessing their NICE Inform system, we need to better understand the relationship of this system to PSnet services, so that this service can be made more resilient.

Fortunately, system redundancy did protect communications to P25 systems in Cambridge, including for Brookline, MIT, and Harvard. Analysis of the outage shows that, while one set of GGM8000 gateways at Cambridge Healy did become disconnected from the network, the redundant gateways never lost connectivity. Apparently, any routing events did not disrupt Console communications to the Core from Cambridge.

Recommendations

To be clear, the PSnet team has long had concerns about this situation at Cambridge Healy with the critical role that this single switch plays. There is no getting around the consequences of "Murphy's Law," and last night the veracity of this Law was again demonstrated. There are at least 84 Cisco 3550-12 switches deployed throughout PSnet, but only this one switch is so critical; and as predicted by old man Murphy, this is the switch that failed. Note that this is only the second instance of an actual hardware failure of one of these switches in an operational context. The other failure was not even noticed due to designed redundancy. The only reason that this situation has not been corrected is that budget constraints have limited work to problems that cause service disruptions. Another factor is that history and accumulated baggage at Cambridge Healy means that a moderate amount of effort is required to restructure the network in a way that eliminates single points of failure.

Consequently, our first recommendation is that restructuring network connectivity at Cambridge Healy be done as soon as feasible. This is one of two core sites along with Boston Schroeder Plaza, and both of these sites also serve as hosting centers. In addition to restructuring network connectivity, a lot of cleanup is also necessary. There are many pieces of equipment in the 5th floor server room that are either duplicative of other equipment (without adding resilience) or that are no longer in service. Probably about two thirds of a rack can be cleaned out. This includes six servers and multiple firewalls and network switches. One challenge with completing this

task is that the critical operational nature of the site requires extraordinary care as services are redeployed and rebuilt. At this point, there are no additional capital requirements, just the effort to clean things up.

As a side issue, it is important to review the network requirements for Cambridge's NICE Inform system and implement appropriate measures to improve resilience for this service.

Given the vital role that remote VPN access now plays for the region, another long-delayed initiative needs to be pursued to establish fully-redundant VPN access from both Boston and Cambridge. This is not only important for network support (and CIMS camera support), but also for the Motorola MCC100 deployable consoles. Related improvements to security services (e.g., RADIUS) also need to be addressed. Ideally, VPN access needs to be available via more than one ISP connection. Currently, both Cambridge and Boston sites rely on Comcast cable services.

While considerable progress has been made in establishing and maintaining resilient InterMapper services, there is further work needed to better integrate the Boston and Cambridge InterMapper services, and also complete integration with CIMS camera monitoring via InterMapper. Should we ever lose access to one of PSnet's hosting centers, having access to InterMapper and other tools will be vital to restoring services.

Finally, Murphy's Law is still in play, and we should responsibly address some other areas of exposure. One in particular is that we currently rely on a single gateway at the EOPSS data center in Chelsea. In the past, Verizon's Frame Relay service could be used to recover CJIS communications, so this single point of failure was perhaps not as significant a concern. However, Verizon's FR service can no longer be relied upon, and failure of this one central gateway could take down CJIS services for all of MBHSR. The PSnet connections into the EOPSS data center are partially redundant today, and we have the necessary equipment in hand to build this out as a fully redundant system, so this is just a labor expenditure. We might also use this as an opportunity to leverage fiber connectivity into the Commonwealth's data center.

I am happy to address any questions, or provide further details on any of the issues surfaced in this memo.

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From: Eamon Miller <eamon.miller@boston.gov>
Sent: Saturday, July 16, 2016 11:07 AM EDT
To: Reardon, Gerry
CC: Chuck Wade <Chuck Wade <Chuck@interisle.net>>; Turner, Glenn; Maywalt, Stephen; Pitts, Ken; Mahoney, David A; Scott Wilder <Scott Wilder <SWilder@brooklinema.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@boston.gov>>; Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Colin Strutt <Colin Strutt <Colin@interisle.net>>; Fred Goldstein <Fred Goldstein <Fred@interisle.net>>; David Menzies <David Menzies <David.Menzies@d2five.com>>
Subject: Re: PSnet: After-incident report on Cambridge switch outage and impact/resolution

Chuck,

As we discussed yesterday, you have the approval to move forward with the Cambridge work. Thanks to you and your team for working to get this done by end of July.

Eamon

Sent from my iPhone

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> **Organization:** Interisle Consulting Group, LLC
> **Date:** Sunday, July 10, 2016 at 4:09 PM
> **To:** Stephen Maywalt <SMaywalt@CambridgePolice.org>, Ken Pitts <KPitts@Cambridge911.org>
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  Chuck arrived at Healy Facility, and worked with Stephen to install and connect redundant power supply to failed CamPS-SwA switch.
- 07/10 02:49
  CamPS-SwA switch booted up, and all connectivity via Cambridge Healy was restored. However, Cambridge still did not have CJIS services available. Stephen and Chuck determined that the Nortel Contivity router used to provide secure tunnels to the Commonwealth's data center in Chelsea was not coming up correctly. Locally, the DCJIS router (Contivity) brought its Ethernet interfaces up, but was not able to communicate via any of its ports. PSnet connectivity to Chelsea data center was confirmed to be good, but that the Contivity at Cambridge was not responding to tunnel initiation requests from Chelsea.
- 07/10 03:35 (approximate)
  After several resets and checks on physical connections, the DCJIS Contivity router finally came online, and we were able to confirm that it had established IPsec tunnels to the DCJIS firewall in Chelsea. Unfortunately, DCJIS Ops had initiated a tunnel reset, so with several application-related issues, CJIS services were not fully restored at Cambridge until about 03:45.
  Stephen also confirmed that the NICE Inform system was working. Aside, we need to determine how it is that the PSnet problems disrupted NICE Inform services.

Operational Impact Assessment

There were two problems affecting Cambridge public safety services: (1) failure of the CamPS-SwA switch power supply, and (2) failure of the DCJIS Nortel Contivity router to come up properly after an earlier power cycle of this device to attempt service restoral. Both problems directly impacted Cambridge access to DCJIS services.

The CamPS-SwA switch is actually the first Cisco 3550-12G switch to have been deployed in PSnet (circa early 2009), but it was initially positioned as a "core" switch for Cambridge Healy, with all network connections going through this switch. While additional switches have been added at Cambridge Healy for redundancy, this single switch is still a critical point of failure in the network (see below for recommendations). Unfortunately, multiple servers, firewalls, and VPN gateways located at the Cambridge Healy PSnet Hosting Center are still dependent on this switch, and when it failed the impact was significant. In this case, the tools to diagnose problems were unreachable via Cambridge, and no full-time operational capability yet exists at Boston Schroeder Plaza to provide alternative access to backup facilities. While temporary access was enabled, this added about a half hour to completing situational assessment. Note, in this case, we needed both an alternative VPN connection into PSnet as well as the backup InterMapper server. Normally, the backup IM server is easily reached, but due to the nature of the Cambridge outage, we needed to

also establish another way to get to it.

Since Cambridge also reported problems with accessing their NICE Inform system, we need to better understand the relationship of this system to PSnet services, so that this service can be made more resilient.

Fortunately, system redundancy did protect communications to P25 systems in Cambridge, including for Brookline, MIT, and Harvard. Analysis of the outage shows that, while one set of GGM8000 gateways at Cambridge Healy did become disconnected from the network, the redundant gateways never lost connectivity. Apparently, any routing events did not disrupt Console communications to the Core from Cambridge.

Recommendations

To be clear, the PSnet team has long had concerns about this situation at Cambridge Healy with the critical role that this single switch plays. There is no getting around the consequences of "Murphy's Law," and last night the veracity of this Law was again demonstrated. There are at least 84 Cisco 3550-12 switches deployed throughout PSnet, but only this one switch is so critical; and as predicted by old man Murphy, this is the switch that failed. Note that this is only the second instance of an actual hardware failure of one of these switches in an operational context. The other failure was not even noticed due to designed redundancy. The only reason that this situation has not been corrected is that budget constraints have limited work to problems that cause service disruptions. Another factor is that history and accumulated baggage at Cambridge Healy means that a moderate amount of effort is required to restructure the network in a way that eliminates single points of failure.

Consequently, our first recommendation is that restructuring network connectivity at Cambridge Healy be done as soon as feasible. This is one of two core sites along with Boston Schroeder Plaza, and both of these sites also serve as hosting centers. In addition to restructuring network connectivity, a lot of cleanup is also necessary. There are many pieces of equipment in the 5th floor server room that are either duplicative of other equipment (without adding resilience) or that are no longer in service. Probably about two thirds of a rack can be cleaned out. This includes six servers and multiple firewalls and network switches. One challenge with completing this task is that the critical operational nature of the site requires extraordinary care as services are redeployed and rebuilt. At this point, there are no additional capital requirements, just the effort to clean things up.

As a side issue, it is important to review the network requirements for Cambridge's NICE Inform system and implement appropriate measures to improve resilience for this service.

Given the vital role that remote VPN access now plays for the region, another long-delayed initiative needs to be pursued to establish fully-redundant VPN access from both Boston and Cambridge. This is not only important for network support (and CIMS camera support), but also for the Motorola MCC100 deployable consoles. Related improvements to security services (e.g., RADIUS) also need to be addressed. Ideally, VPN access needs to be available via more than one ISP connection. Currently, both Cambridge and Boston sites rely on Comcast cable services.

While considerable progress has been made in establishing and maintaining resilient InterMapper services, there is further work needed to better integrate the Boston and Cambridge InterMapper services, and also complete integration with CIMS camera monitoring via InterMapper. Should we ever lose access to one of PSnet's hosting centers, having access to InterMapper and other tools will be vital to restoring services.

Finally, Murphy's Law is still in play, and we should responsibly address some other areas of exposure. One in particular is that we currently rely on a single gateway at the EOPSS data center in Chelsea. In the past, Verizon's Frame Relay service could be used to recover CJIS communications, so this single point of failure was perhaps not as significant a concern. However, Verizon's FR service can no longer be relied upon, and failure of this one central gateway could take down CJIS services for all of MBHSR. The PSnet connections into the EOPSS data center are partially redundant today, and we have the necessary equipment in hand to build this out as a fully redundant system, so this is just a labor expenditure. We might also use this as an opportunity to leverage fiber connectivity into the Commonwealth's data center.

I am happy to address any questions, or provide further details on any of the issues surfaced in this memo.

...Chuck
--

Chuck Wade, Principal

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From: Turner, Glenn <GTurner@CambridgeFire.Org>
Sent: Saturday, July 16, 2016 1:27 PM EDT
To: Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>
CC: Reardon, Gerry; Chuck Wade <Chuck Wade <Chuck@interisle.net>>; Maywalt, Stephen; Pitts, Ken; Mahoney, David A; Scott Wilder <Scott Wilder <SWilder@brooklinema.gov>>; Brenda Jones < Brenda Jones <Brenda.Jones@boston.gov>>; Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Colin Strutt < Colin Strutt <Colin@interisle.net>>; Fred Goldstein <Fred Goldstein <Fred@interisle.net>>; David Menzies < David Menzies <David.Menzies@d2five.com>>
Subject: Re: PSnet: After-incident report on Cambridge switch outage and impact/resolution

Thanks Eamon!

We appreciate the support!!

Glenn Turner

Cambridge Fire Department
Technical Services Division

On Jul 16, 2016, at 11:07 AM, Eamon Miller <eamon.miller@boston.gov> wrote:

> Chuck,
>
> As we discussed yesterday, you have the approval to move forward with the Cambridge work. Thanks to you and your team for working to get this done by end of July.
>
> Eamon
>
> Sent from my iPhone
>
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>
> > Chuck plan on moving forward I am finalizing final approval with OEM to fund this separately from approved PSNet budget.
> >
> > It would need to be complete before the end of July.
> >
> > Hopefully Monday we will have the green light, it will be limited to Healy for project scope.
> >
> > Thanks for your assistance.
> >
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> > On Jul 15, 2016, at 08:33, Chuck Wade <Chuck@Interisle.net> wrote:
> >
> > > Glenn, et al.,
> > >
> > > I have been evaluating our options for cleaning up the Cambridge Healy site and trying to get a handle on how much effort will be involved. While we have recognized the need to restructure this site, the amount of effort required to do so has been an impediment. One reason this is not a typical restructuring exercise is that there are a lot of critical services at this site, and we need to rework everything with minimal disruption--ideally, no service disruptions. On the positive side, we've actually been whittling away at this problem over the past three years, and a lot of pieces have been put in place for the new structure, while out-of-date systems have gradually been taken off-line.
> > >
> > > There are several, tightly interrelated systems that need to be restructured, including:
> > >
> > > - Moving several core PSnet services off two old Dell PowerEdge 1850 servers onto Virtual Machines (VMs) running on the new blade servers. This will then allow us to decommission these old servers, either of which could fail at any time. The services that need to be moved are:
> > >   - FATPOT currently running on a dedicated PowerEdge server. This project

was underway at the time our contract ran out, and should be ready to complete. There is a dependency on the FATPOT team to complete this cutover.
    - Multiple "infrastructure" services running on another PowerEdge server ("NMS1"), including RADIUS (account-based authentication service), system logging, RANCID configuration management, SmokePing latency monitoring, and various tools used for things like firmware updates or config/data captures.
- Establishing a robust VPN remote access service based on supported hardware/software. Currently, several old SOHO-style firewalls are used to provide these services, and they can all be easily replaced with a single PowerRouter 732 (MikroTik) system. This would be consistent with what we currently have deployed at Schroeder Plaza, and should be established with an eye to site diversity. While there is a need to establish a much more comprehensive VPN remote access service, the immediate objective will be to consolidate the current hodge podge of multiple boxes into a single, supportable system.
- With the above steps completed, we will no longer need two Cisco 24-port switches, and these can be decommissioned. Any connections into these two switches that are still needed will be moved to other switches.
- We previously deployed a Cisco 3750G switch stack for the HP Blade and 3PAR storage systems. The intent was to also use this switch stack to replace the "CamPS-SwA" Cisco 3550-12G switch that lost its power supply this past weekend. Note that we're still operating on this switch, but using an external power supply. Because of the critical role of the original 3550-12G switch, this cutover needs to be handled with great care so as to not disrupt other services (even outside of Cambridge) and to avoid impacting critical radio/console systems.
- We should also restructure some of the inter-switch trunking within Healy to improve redundancy and resilience.
- There is a console server installed at Healy for back door management of critical systems. This needs to be upgraded, and then reconnected to the remaining systems after the cleanup. This would bring Cambridge Healy up to the capability currently deployed at the mirror Schroeder Plaza site.
- Documentation must be updated to reflect the new structure at Healy before this project can be declared complete. Note that the lack of documentation is one reason things got out of control at this site, and has been a source of countless hours spent trying to figure out how things were actually configured to inter-work. This problem was compounded when two other Galaxy sites were folded into the Healy site in a rush.

There are several ways we can approach this restructuring and cleanup exercise. An immediate priority will be to decommission the old 3550-12G switch (CamPS-SwA) and move its connections and network role over to the newer 3750G switch stack. However, like a tangled mess of twine, we will need to unravel all the issues summarized above before this site will be in proper shape.

This project will not require any new capital outlays, though there may be some minor materials expenses. On the other hand, there is a lot of labor required. My best estimate at the moment is that the effort could break out as follows:

Task	**Labor (est)**
Complete cutover of FATPOT server to VM	8
Move infrastructure services off "NMS1" server onto VMs	24
Set up new VPN remote access system, and transition existing services over	12
Decommission CamPS-SwA 3550-12G (involves re-working multiple switch configs throughout Cambridge due to routing dependencies)	12
Upgrade console server and re-connect to new structure	4
Documentation and updating InterMapper maps	12
Total:	72

Note that I did not include any labor in the above estimates for removal of old equipment, as you graciously offered to handle this task. We will, of course, work with the Cambridge team on identifying equipment to be removed, and assist with any re-cabling or power distribution.

While I hope we can accomplish this restructuring for less than the time estimated above, I want to be realistic. The good news is that the end result will improve reliability and maintainability of the system, and not just for Cambridge. This will benefit the entire Region, given the importance of this site as both a core network site, and one of our two hosting centers.

Finally, I should also note that there is some restructuring that needs to be done at the Schroeder Plaza site as well. In particular, there is a single 3750G-24 switch at Schroeder that was originally deployed in a manner similar to the CamPS-SwA switch in Cambridge, and its role needs to be subsumed into the 3750G switch stack at Schroeder that is the mirror to the switch stack in Cambridge. Fortunately, this is a smaller effort, but there are some other issues at Schroeder that need to be addressed in order to improve system reliability and maintainability.

Let me know if you have any questions or would like further information on this proposed plan of action.

...Chuck

Chuck Wade, Principal
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On 7/12/16 3:20 PM, Turner, Glenn wrote:

> Hi Chuck,
>
> Thanks for the detail on what went down.
>
> Can you give us an estimate on hour many man hours it will take to get Healy up to par?
>
> Our team can certainly help with the physical rack/stack removal type work on the 5 th Floor.
>
> Thank you again,
>
> Glenn
>
> ---
>
> **From:** Chuck Wade <Chuck@Interisle.net>
> **Organization:** Interisle Consulting Group, LLC
> **Date:** Sunday, July 10, 2016 at 4:09 PM
> **To:** Stephen Maywalt <SMaywalt@CambridgePolice.org>, Ken Pitts <KPitts@Cambridge911.org>
> **Cc:** Gerry Reardon <GReardon@CambridgeFire.Org>, Glenn Turner <GTurner@CambridgeFire.org>, David Mahoney <DAMahoney@CambridgeFire.org>, Scott Wilder <SWilder@BrooklineMA.gov>, Eamon Miller <Eamon.Miller@Boston.gov>, Brenda Jones <Brenda.Jones@Boston.gov>, Eric Johnson <EJohnson@LAN-TEL.com>, Colin Strutt <Colin@Interisle.net>, Fred Goldstein <Fred@Interisle.net>, David Menzies <David.Menzies@D2Five.com>
> **Subject:** PSnet: After-incident report on Cambridge switch outage and impact/resolution
>
> Stephen, Ken, et al.,
>
> The purpose of this memo is to summarize the nature of the network incident that affected Cambridge CJIS access and NICE Inform services, along with other system problems, including loss of InterMapper services and VPN access to PSnet. I am

providing a chronology of the problem, and consequent resolution, along with an assessment. I will also provide some recommendations for preventing such events in the future.

Synopsis

Saturday evening at ~23:06, a network switch failure in the 5th floor server room at Cambridge Healy resulted in loss of CJIS services for Cambridge and disrupted NICE Inform services. In addition, the primary PSnet InterMapper system is located at this facility, and became disconnected after the switch failure. Further compounding problems, VPN access to PSnet currently goes through this same switch.

On-site deployment of a redundant power supply restored the PSnet switch to full service with a total outage time of 3 hours and 44 minutes. However, problems with the Nortel Contivity 1100 router used for communications to the EOPSS/DCJIS data center in Chelsea delayed restoral of CJIS services for Cambridge by another hour. By around 03:45, all services were fully restored, including CJIS and NICE Inform services. InterMapper and VPN remote access services were restored as of 02:49.

Chronology of Events and Recovery

- 07/09 23:05:52
  CamPS-SwA Cisco 3550-12G switch failed (power supply failure)
  This is the core switch at the Cambridge Healy Facility
  InterMapper network connectivity was disrupted by this switch failure, which meant that InterMapper alerts were not going out.
- 07/09 23:43:33
  Cambridge staff received notification from their WhatsUp monitoring system that CJIS connectivity via PSnet was down.
  The Verizon Frame Relay connection was also down (probably has been for some time), so all Cambridge connectivity to DCJIS services was lost.
- 07/10 00:13
  Ken Pitts forwarded WhatsUp notice to Chuck Wade
- 07/10 00:25
  Ken Pitts called Chuck Wade, left voice mail regarding problem
- 07/10 00:27
  Chuck received Ken's voice message, and began investigating situation. While a VPN connection into PSnet (via Cambridge Healy) was up, there was no access to InterMapper, and simple connectivity tests revealed that there were significant reachability issues into PSnet via the VPN connection.
- 07/10 00:35
  Chuck responded to Ken to confirm that these problems were being investigated. Ken noted that the critical issue was restoring CJIS services, but that that they had also lost access to the City's NICE Inform system. While there had not been any reports of radio system problems, this was an obvious area of concern.
- 07/10 00:35 to 01:25 (approximate)
  Chuck established alternative VPN connection into Schroeder Plaza and used backup InterMapper system to confirm suspected outage of CamPS-SwA switch. This also confirmed that Cambridge P25 services were still up through redundant switches.
  A call was placed to Stephen Maywalt, who was now on site at Healy Facility. Stephen immediately confirmed that CamPS-SwA was offline, apparently due to power supply failure. All other PSnet equipment at Healy Facility was up.
  After discussion of various options, it was decided that Chuck would head into Cambridge with a replacement switch and redundant Cisco power supply. The working assumption was that if only the switch power supply had failed, then it could be brought online with the redundant power supply.
- 07/10 02:30 (approximate)
  Chuck arrived at Healy Facility, and worked with Stephen to install and connect redundant power supply to failed CamPS-SwA switch.
- 07/10 02:49
  CamPS-SwA switch booted up, and all connectivity via Cambridge Healy was restored.
  However, Cambridge still did not have CJIS services available. Stephen and Chuck determined that the Nortel Contivity router used to provide secure tunnels to the Commonwealth's data center in Chelsea was not coming up correctly. Locally, the DCJIS router (Contivity) brought its Ethernet interfaces up, but was not able to communicate via any of its ports. PSnet connectivity to Chelsea data

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Operational Impact Assessment

There were two problems affecting Cambridge public safety services: (1) failure of the CamPS-SwA switch power supply, and (2) failure of the DCJIS Nortel Contivity router to come up properly after an earlier power cycle of this device to attempt service restoral. Both problems directly impacted Cambridge access to DCJIS services.

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Recommendations

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critical operational nature of the site requires extraordinary care as services are redeployed and rebuilt. At this point, there are no additional capital requirements, just the effort to clean things up.

As a side issue, it is important to review the network requirements for Cambridge's NICE Inform system and implement appropriate measures to improve resilience for this service.

Given the vital role that remote VPN access now plays for the region, another long-delayed initiative needs to be pursued to establish fully-redundant VPN access from both Boston and Cambridge. This is not only important for network support (and CIMS camera support), but also for the Motorola MCC100 deployable consoles. Related improvements to security services (e.g., RADIUS) also need to be addressed. Ideally, VPN access needs to be available via more than one ISP connection. Currently, both Cambridge and Boston sites rely on Comcast cable services.

While considerable progress has been made in establishing and maintaining resilient InterMapper services, there is further work needed to better integrate the Boston and Cambridge InterMapper services, and also complete integration with CIMS camera monitoring via InterMapper. Should we ever lose access to one of PSnet's hosting centers, having access to InterMapper and other tools will be vital to restoring services.

Finally, Murphy's Law is still in play, and we should responsibly address some other areas of exposure. One in particular is that we currently rely on a single gateway at the EOPSS data center in Chelsea. In the past, Verizon's Frame Relay service could be used to recover CJIS communications, so this single point of failure was perhaps not as significant a concern. However, Verizon's FR service can no longer be relied upon, and failure of this one central gateway could take down CJIS services for all of MBHSR. The PSnet connections into the EOPSS data center are partially redundant today, and we have the necessary equipment in hand to build this out as a fully redundant system, so this is just a labor expenditure. We might also use this as an opportunity to leverage fiber connectivity into the Commonwealth's data center.

I am happy to address any questions, or provide further details on any of the issues surfaced in this memo.

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From: Chuck Wade <Chuck@Interisle.net>
Sent: Saturday, July 16, 2016 2:04 PM EDT
To: Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>; Reardon, Gerry
CC: Turner, Glenn; Maywalt, Stephen; Pitts, Ken; Mahoney, David A; Scott Wilder <Scott Wilder <SWilder@brooklinema.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@boston.gov>>; Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Colin Strutt <Colin Strutt <Colin@interisle.net>>; Fred Goldstein <Fred Goldstein <Fred@interisle.net>>; David Menzies <David Menzies <David.Menzies@d2five.com>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>
Subject: Re: PSnet: After-incident report on Cambridge switch outage and impact/resolution
Attachment(s): "smime.p7s"

Eamon,

I'm just confirming that, after our conversation on Friday, my partners and I are working to accomplish as much of the agreed tasking as we can before July 21, including the Cambridge Healy cleanup. The other work includes restoring the microwave link into Brookline via NEBH, some necessary security upgrades for a subset of the Ubiquiti radios in PSnet/CIMS, and problem resolution work as necessary (e.g., Quincy HS switch issue).

One point to note. Colin has commitments that make him unavailable for PSnet work through Thursday of this coming week, and Fred only has partial availability through the end of this month due to other commitments. However, we should still be able to make substantial progress.

...Chuck

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problem over the past three years, and a lot of pieces have been put in place for the new structure, while out-of-date systems have gradually been taken off-line.

There are several, tightly interrelated systems that need to be restructured, including:

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Note that I did not include any labor in the above estimates for removal of old equipment, as you graciously offered to handle this task. We will, of course, work with the Cambridge team on identifying equipment to be removed, and assist with any re-cabling or power distribution.

While I hope we can accomplish this restructuring for less than the time estimated above, I want to be realistic. The good news is that the end result will improve reliability and maintainability of the system, and not just for Cambridge. This will benefit the entire Region, given the importance of this site as both a core network site, and one of our two hosting centers.

Finally, I should also note that there is some restructuring that needs to be done at the Schroeder Plaza site as well. In particular, there is a single 3750G-24 switch at Schroeder that was originally deployed in a manner similar to the CamPS-SwA switch in Cambridge, and its role needs to be subsumed into the 3750G switch stack at Schroeder that is the mirror to the switch stack in Cambridge. Fortunately, this is a smaller effort, but there are some other issues at Schroeder that need to be addressed in order to improve system reliability and maintainability.

Let me know if you have any questions or would like further information on this proposed plan of action.

...Chuck

Chuck Wade, Principal
Interisle Consulting Group
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www.interisle.net

On 7/12/16 3:20 PM, Turner, Glenn wrote:

> Hi Chuck,
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> Thanks for the detail on what went down.
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> Can you give us an estimate on hour many man hours it will take to get Healy up to par?
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> Our team can certainly help with the physical rack/stack removal type work on the 5th Floor.
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> Thank you again,
>
> Glenn
>
> ---
>
> **From:** Chuck Wade <Chuck@Interisle.net>
> **Organization:** Interisle Consulting Group, LLC
> **Date:** Sunday, July 10, 2016 at 4:09 PM
> **To:** Stephen Maywalt <SMaywalt@CambridgePolice.org>, Ken Pitts <KPitts@Cambridge911.org>
> **Cc:** Gerry Reardon <GReardon@CambridgeFire.Org>, Glenn Turner <GTurner@CambridgeFire.org>, David Mahoney <DAMahoney@CambridgeFire.org>, Scott Wilder <SWilder@BrooklineMA.gov>, Eamon Miller <Eamon.Miller@Boston.gov>, Brenda Jones

<Brenda.Jones@Boston.gov>, Eric Johnson <EJohnson@LAN-TEL.com>, Colin Strutt <Colin@Interisle.net>, Fred Goldstein <Fred@Interisle.net>, David Menzies <David.Menzies@D2Five.com>
Subject: PSnet: After-incident report on Cambridge switch outage and impact/resolution

Stephen, Ken, et al.,

The purpose of this memo is to summarize the nature of the network incident that affected Cambridge CJIS access and NICE Inform services, along with other system problems, including loss of InterMapper services and VPN access to PSnet. I am providing a chronology of the problem, and consequent resolution, along with an assessment. I will also provide some recommendations for preventing such events in the future.

Synopsis

Saturday evening at ~23:06, a network switch failure in the 5th floor server room at Cambridge Healy resulted in loss of CJIS services for Cambridge and disrupted NICE Inform services. In addition, the primary PSnet InterMapper system is located at this facility, and became disconnected after the switch failure. Further compounding problems, VPN access to PSnet currently goes through this same switch.

On-site deployment of a redundant power supply restored the PSnet switch to full service with a total outage time of 3 hours and 44 minutes. However, problems with the Nortel Contivity 1100 router used for communications to the EOPSS/DCJIS data center in Chelsea delayed restoral of CJIS services for Cambridge by another hour. By around 03:45, all services were fully restored, including CJIS and NICE Inform services. InterMapper and VPN remote access services were restored as of 02:49.

Chronology of Events and Recovery

- 07/09 23:05:52
  CamPS-SwA Cisco 3550-12G switch failed (power supply failure)
  This is the core switch at the Cambridge Healy Facility
  InterMapper network connectivity was disrupted by this switch failure, which meant that InterMapper alerts were not going out.
- 07/09 23:43:33
  Cambridge staff received notification from their WhatsUp monitoring system that CJIS connectivity via PSnet was down.
  The Verizon Frame Relay connection was also down (probably has been for some time), so all Cambridge connectivity to DCJIS services was lost.
- 07/10 00:13
  Ken Pitts forwarded WhatsUp notice to Chuck Wade
- 07/10 00:25
  Ken Pitts called Chuck Wade, left voice mail regarding problem
- 07/10 00:27
  Chuck received Ken's voice message, and began investigating situation. While a VPN connection into PSnet (via Cambridge Healy) was up, there was no access to InterMapper, and simple connectivity tests revealed that there were significant reachability issues into PSnet via the VPN connection.
- 07/10 00:35
  Chuck responded to Ken to confirm that these problems were being investigated. Ken noted that the critical issue was restoring CJIS services, but that that they had also lost access to the City's NICE Inform system. While there had not been any reports of radio system problems, this was an obvious area of concern.
- 07/10 00:35 to 01:25 (approximate)
  Chuck established alternative VPN connection into Schroeder Plaza and used backup InterMapper system to confirm suspected outage of CamPS-SwA switch. This also confirmed that Cambridge P25 services were still up through redundant switches.
  A call was placed to Stephen Maywalt, who was now on site at Healy Facility. Stephen immediately confirmed that CamPS-SwA was offline, apparently due to power supply failure. All other PSnet equipment at Healy Facility was up.
  After discussion of various options, it was decided that Chuck would head into Cambridge with a replacement switch and redundant Cisco power supply. The working assumption was that if only the switch power supply had failed, then it

could be brought online with the redundant power supply.

- 07/10 02:30 (approximate)
  Chuck arrived at Healy Facility, and worked with Stephen to install and connect redundant power supply to failed CamPS-SwA switch.
- 07/10 02:49
  CamPS-SwA switch booted up, and all connectivity via Cambridge Healy was restored.
  However, Cambridge still did not have CJIS services available. Stephen and Chuck determined that the Nortel Contivity router used to provide secure tunnels to the Commonwealth's data center in Chelsea was not coming up correctly. Locally, the DCJIS router (Contivity) brought its Ethernet interfaces up, but was not able to communicate via any of its ports. PSnet connectivity to Chelsea data center was confirmed to be good, but that the Contivity at Cambridge was not responding to tunnel initiation requests from Chelsea.
- 07/10 03:35 (approximate)
  After several resets and checks on physical connections, the DCJIS Contivity router finally came online, and we were able to confirm that it had established IPsec tunnels to the DCJIS firewall in Chelsea. Unfortunately, DCJIS Ops had initiated a tunnel reset, so with several application-related issues, CJIS services were not fully restored at Cambridge until about 03:45.
  Stephen also confirmed that the NICE Inform system was working. Aside, we need to determine how it is that the PSnet problems disrupted NICE Inform services.

Operational Impact Assessment

There were two problems affecting Cambridge public safety services: (1) failure of the CamPS-SwA switch power supply, and (2) failure of the DCJIS Nortel Contivity router to come up properly after an earlier power cycle of this device to attempt service restoral. Both problems directly impacted Cambridge access to DCJIS services.

The CamPS-SwA switch is actually the first Cisco 3550-12G switch to have been deployed in PSnet (circa early 2009), but it was initially positioned as a "core" switch for Cambridge Healy, with all network connections going through this switch. While additional switches have been added at Cambridge Healy for redundancy, this single switch is still a critical point of failure in the network (see below for recommendations). Unfortunately, multiple servers, firewalls, and VPN gateways located at the Cambridge Healy PSnet Hosting Center are still dependent on this switch, and when it failed the impact was significant. In this case, the tools to diagnose problems were unreachable via Cambridge, and no full-time operational capability yet exists at Boston Schroeder Plaza to provide alternative access to backup facilities. While temporary access was enabled, this added about a half hour to completing situational assessment. Note, in this case, we needed both an alternative VPN connection into PSnet as well as the backup InterMapper server. Normally, the backup IM server is easily reached, but due to the nature of the Cambridge outage, we needed to also establish another way to get to it.

Since Cambridge also reported problems with accessing their NICE Inform system, we need to better understand the relationship of this system to PSnet services, so that this service can be made more resilient.

Fortunately, system redundancy did protect communications to P25 systems in Cambridge, including for Brookline, MIT, and Harvard. Analysis of the outage shows that, while one set of GGM8000 gateways at Cambridge Healy did become disconnected from the network, the redundant gateways never lost connectivity. Apparently, any routing events did not disrupt Console communications to the Core from Cambridge.

Recommendations

To be clear, the PSnet team has long had concerns about this situation at Cambridge Healy with the critical role that this single switch plays. There is no getting around the consequences of "Murphy's Law," and last night the veracity of this Law was again demonstrated. There are at least 84 Cisco 3550-12 switches deployed throughout PSnet, but only this one switch is so critical; and as predicted by old man Murphy, this is the switch that failed. Note that this is only the second instance of an actual hardware failure of one of these switches in an operational context. The other failure was not even noticed due to designed redundancy. The only reason that this situation has not been corrected is that budget constraints have limited work to problems that cause

service disruptions. Another factor is that history and accumulated baggage at Cambridge Healy means that a moderate amount of effort is required to restructure the network in a way that eliminates single points of failure.

Consequently, our first recommendation is that restructuring network connectivity at Cambridge Healy be done as soon as feasible. This is one of two core sites along with Boston Schroeder Plaza, and both of these sites also serve as hosting centers. In addition to restructuring network connectivity, a lot of cleanup is also necessary. There are many pieces of equipment in the 5th floor server room that are either duplicative of other equipment (without adding resilience) or that are no longer in service. Probably about two thirds of a rack can be cleaned out. This includes six servers and multiple firewalls and network switches. One challenge with completing this task is that the critical operational nature of the site requires extraordinary care as services are redeployed and rebuilt. At this point, there are no additional capital requirements, just the effort to clean things up.

As a side issue, it is important to review the network requirements for Cambridge's NICE Inform system and implement appropriate measures to improve resilience for this service.

Given the vital role that remote VPN access now plays for the region, another long-delayed initiative needs to be pursued to establish fully-redundant VPN access from both Boston and Cambridge. This is not only important for network support (and CIMS camera support), but also for the Motorola MCC100 deployable consoles. Related improvements to security services (e.g., RADIUS) also need to be addressed. Ideally, VPN access needs to be available via more than one ISP connection. Currently, both Cambridge and Boston sites rely on Comcast cable services.

While considerable progress has been made in establishing and maintaining resilient InterMapper services, there is further work needed to better integrate the Boston and Cambridge InterMapper services, and also complete integration with CIMS camera monitoring via InterMapper. Should we ever lose access to one of PSnet's hosting centers, having access to InterMapper and other tools will be vital to restoring services.

Finally, Murphy's Law is still in play, and we should responsibly address some other areas of exposure. One in particular is that we currently rely on a single gateway at the EOPSS data center in Chelsea. In the past, Verizon's Frame Relay service could be used to recover CJIS communications, so this single point of failure was perhaps not as significant a concern. However, Verizon's FR service can no longer be relied upon, and failure of this one central gateway could take down CJIS services for all of MBHSR. The PSnet connections into the EOPSS data center are partially redundant today, and we have the necessary equipment in hand to build this out as a fully redundant system, so this is just a labor expenditure. We might also use this as an opportunity to leverage fiber connectivity into the Commonwealth's data center.

I am happy to address any questions, or provide further details on any of the issues surfaced in this memo.

...Chuck
--

Chuck Wade, Principal
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From: Vickie Balaschi <VBalaschi@Lan-Tel.com>
Sent: Monday, July 18, 2016 8:12 AM EDT
To: Deirdre Habershaw (deirdre.habershaw@boston.gov) < Deirdre Habershaw (deirdre.habershaw@boston.gov) <deirdre.habershaw@boston.gov>>
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Jeff Bodio <Jeff Bodio <jeffb@lan-tel.com>>
Subject: May 2016 CIMS Billing
Attachment(s): "Invoice 9915230.pdf","May 2016 CIMS Backup.xlsx"

Good Morning,

Please see the attached invoice and backup for CIMS work completed in May 2016. Please feel free to reach out with any questions.

Thank you,
Vickie

LAN-TEL
COMMUNICATIONS, INC.

Vickie Balaschi
Project Coordinator
1400 Providence Highway, Suite 3100
Norwood, MA 02062
Phone: 781.352.4637
Fax: 781.551.8667
Cell: 774.766.8616
vbalaschi@lan-tel.com
www.lan-tel.com

From: Eamon Miller <eamon.miller@boston.gov>
Sent: Monday, July 18, 2016 9:12 AM EDT
To: Chuck Wade <Chuck Wade <Chuck@interisle.net>>
CC: Reardon, Gerry; Turner, Glenn; Maywalt, Stephen; Pitts, Ken; Mahoney, David A; Scott Wilder <Scott Wilder <SWilder@brooklinema.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@boston.gov>>; Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Colin Strutt <Colin Strutt <Colin@interisle.net>>; Fred Goldstein <Fred Goldstein <Fred@interisle.net>>; David Menzies <David Menzies <David.Menzies@d2five.com>>
Subject: Re: PSnet: After-incident report on Cambridge switch outage and impact/resolution

Chuck,

After consulting with Chief Reardon and Scott Wilder, accomplishing the Cambridge Healy site task is the highest priority. Please work to complete the Cambridge cleanup work before tackling anything else.

Also, one minor correction from your email: We have until **July 31st** not July 21st.

Thanks,
Eamon

On Sat, Jul 16, 2016 at 2:04 PM, Chuck Wade<Chuck@interisle.net> wrote:

> Eamon,
>
> I'm just confirming that, after our conversation on Friday, my partners and I are working to accomplish as much of the agreed tasking as we can before July 21, including the Cambridge Healy cleanup. The other work includes restoring the microwave link into Brookline via NEBH, some necessary security upgrades for a subset of the Ubiquiti radios in PSnet/CIMS, and problem resolution work as necessary (e.g., Quincy HS switch issue).
>
> One point to note. Colin has commitments that make him unavailable for PSnet work through Thursday of this coming week, and Fred only has partial availability through the end of this month due to other commitments. However, we should still be able to make substantial progress.
>
> ...Chuck
>
> Chuck Wade, Principal
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>
> On 7/16/16 11:07 AM, Eamon Miller wrote:
>
>> Chuck,
>>
>> As we discussed yesterday, you have the approval to move forward with the Cambridge work. Thanks to you and your team for working to get this done by end of July.
>>
>> Eamon
>>
>> Sent from my iPhone
>>
>> On Jul 16, 2016, at 9:07 AM, Reardon, Gerry <GReardon@cambridgefire.org> wrote:
>>
>>> Chuck plan on moving forward I am finalizing final approval with OEM to fund this separately from approved PSNet budget.
>>>
>>> It would need to be complete before the end of July.
>>>
>>> Hopefully Monday we will have the green light, it will be limited to Healy for project scope.
>>>
>>> Thanks for your assistance.
>>>
>>> Sent from my iPhone
>>>
>>> On Jul 15, 2016, at 08:33, Chuck Wade <Chuck@Interisle.net> wrote:

Glenn, et al.,

I have been evaluating our options for cleaning up the Cambridge Healy site and trying to get a handle on how much effort will be involved. While we have recognized the need to restructure this site, the amount of effort required to do so has been an impediment. One reason this is not a typical restructuring exercise is that there are a lot of critical services at this site, and we need to rework everything with minimal disruption--ideally, no service disruptions. On the positive side, we've actually been whittling away at this problem over the past three years, and a lot of pieces have been put in place for the new structure, while out-of-date systems have gradually been taken off-line.

There are several, tightly interrelated systems that need to be restructured, including:

- Moving several core PSnet services off two old Dell PowerEdge 1850 servers onto Virtual Machines (VMs) running on the new blade servers. This will then allow us to decommission these old servers, either of which could fail at any time. The services that need to be moved are:
  - FATPOT currently running on a dedicated PowerEdge server. This project was underway at the time our contract ran out, and should be ready to complete. There is a dependency on the FATPOT team to complete this cutover.
  - Multiple "infrastructure" services running on another PowerEdge server ("NMS1"), including RADIUS (account-based authentication service), system logging, RANCID configuration management, SmokePing latency monitoring, and various tools used for things like firmware updates or config/data captures.
- Establishing a robust VPN remote access service based on supported hardware/software. Currently, several old SOHO-style firewalls are used to provide these services, and they can all be easily replaced with a single PowerRouter 732 (MikroTik) system. This would be consistent with what we currently have deployed at Schroeder Plaza, and should be established with an eye to site diversity. While there is a need to establish a much more comprehensive VPN remote access service, the immediate objective will be to consolidate the current hodge podge of multiple boxes into a single, supportable system.
- With the above steps completed, we will no longer need two Cisco 24-port switches, and these can be decommissioned. Any connections into these two switches that are still needed will be moved to other switches.
- We previously deployed a Cisco 3750G switch stack for the HP Blade and 3PAR storage systems. The intent was to also use this switch stack to replace the "CamPS-SwA" Cisco 3550-12G switch that lost its power supply this past weekend. Note that we're still operating on this switch, but using an external power supply. Because of the critical role of the original 3550-12G switch, this cutover needs to be handled with great care so as to not disrupt other services (even outside of Cambridge) and to avoid impacting critical radio/console systems.
- We should also restructure some of the inter-switch trunking within Healy to improve redundancy and resilience.
- There is a console server installed at Healy for back door management of critical systems. This needs to be upgraded, and then reconnected to the remaining systems after the cleanup. This would bring Cambridge Healy up to the capability currently deployed at the mirror Schroeder Plaza site.
- Documentation must be updated to reflect the new structure at Healy before this project can be declared complete. Note that the lack of documentation is one reason things got out of control at this site, and has been a source of countless hours spent trying to figure out how things were actually configured to inter-work. This problem was compounded when two other Galaxy sites were folded into the Healy site in a rush.

There are several ways we can approach this restructuring and cleanup exercise. An immediate priority will be to decommission the old 3550-12G switch (CamPS-SwA)

and move its connections and network role over to the newer 3750G switch stack. However, like a tangled mess of twine, we will need to unravel all the issues summarized above before this site will be in proper shape.

This project will not require any new capital outlays, though there may be some minor materials expenses. On the other hand, there is a lot of labor required. My best estimate at the moment is that the effort could break out as follows:

Task	Labor (est)
Complete cutover of FATPOT server to VM	8
Move infrastructure services off "NMS1" server onto VMs	24
Set up new VPN remote access system, and transition existing services over	12
Decommission CamPS-SwA 3550-12G (involves re-working multiple switch configs throughout Cambridge due to routing dependencies)	12
Upgrade console server and re-connect to new structure	4
Documentation and updating InterMapper maps	12
Total:	72

Note that I did not include any labor in the above estimates for removal of old equipment, as you graciously offered to handle this task. We will, of course, work with the Cambridge team on identifying equipment to be removed, and assist with any re-cabling or power distribution.

While I hope we can accomplish this restructuring for less than the time estimated above, I want to be realistic. The good news is that the end result will improve reliability and maintainability of the system, and not just for Cambridge. This will benefit the entire Region, given the importance of this site as both a core network site, and one of our two hosting centers.

Finally, I should also note that there is some restructuring that needs to be done at the Schroeder Plaza site as well. In particular, there is a single 3750G-24 switch at Schroeder that was originally deployed in a manner similar to the CamPS-SwA switch in Cambridge, and its role needs to be subsumed into the 3750G switch stack at Schroeder that is the mirror to the switch stack in Cambridge. Fortunately, this is a smaller effort, but there are some other issues at Schroeder that need to be addressed in order to improve system reliability and maintainability.

Let me know if you have any questions or would like further information on this proposed plan of action.

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Subject: PSnet: After-incident report on Cambridge switch outage and impact/resolution

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Recommendations

To be clear, the PSnet team has long had concerns about this situation at Cambridge Healy with the critical role that this single switch plays. There is no getting around the consequences of "Murphy's Law," and last night the veracity of this Law was again demonstrated. There are at least 84 Cisco 3550-12 switches deployed throughout PSnet, but only this one switch is so critical; and as predicted by old man Murphy, this is the switch that failed. Note that this is only the second instance of an actual hardware failure of one of these switches in an operational context. The other failure was not even noticed due to designed redundancy. The only reason that this situation has not been corrected is that budget constraints have limited work to problems that cause service disruptions. Another factor is that history and accumulated baggage at Cambridge Healy means that a moderate amount of effort is required to restructure the network in a way that eliminates single points of failure.

Consequently, our first recommendation is that restructuring network connectivity at Cambridge Healy be done as soon as feasible. This is one of two core sites along with Boston Schroeder Plaza, and both of these sites also serve as hosting centers. In addition to restructuring network connectivity, a lot of cleanup is also necessary. There are many pieces of equipment in the 5th floor server room that are either duplicative of other equipment (without adding resilience) or that are no longer in service. Probably about two thirds of a rack can be cleaned out. This includes six servers and multiple firewalls and network switches. One challenge with completing this task is that the critical operational nature of the site requires extraordinary care as services are redeployed and rebuilt. At this point, there are no additional capital requirements, just the effort to clean things up.

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Given the vital role that remote VPN access now plays for the region, another long-delayed initiative needs to be pursued to establish fully-redundant VPN access from both Boston and Cambridge. This is not only important for network support (and CIMS camera support), but also for the Motorola MCC100 deployable consoles. Related improvements to security services (e.g., RADIUS) also need to be addressed. Ideally, VPN access needs to be available via more than one ISP connection. Currently, both Cambridge and Boston sites rely on Comcast cable services.

While considerable progress has been made in establishing and maintaining

resilient InterMapper services, there is further work needed to better integrate the Boston and Cambridge InterMapper services, and also complete integration with CIMS camera monitoring via InterMapper. Should we ever lose access to one of PSnet's hosting centers, having access to InterMapper and other tools will be vital to restoring services.

Finally, Murphy's Law is still in play, and we should responsibly address some other areas of exposure. One in particular is that we currently rely on a single gateway at the EOPSS data center in Chelsea. In the past, Verizon's Frame Relay service could be used to recover CJIS communications, so this single point of failure was perhaps not as significant a concern. However, Verizon's FR service can no longer be relied upon, and failure of this one central gateway could take down CJIS services for all of MBHSR. The PSnet connections into the EOPSS data center are partially redundant today, and we have the necessary equipment in hand to build this out as a fully redundant system, so this is just a labor expenditure. We might also use this as an opportunity to leverage fiber connectivity into the Commonwealth's data center.

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Eamon Miller
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: Chuck Wade <Chuck@Interisle.net>
Sent: Monday, July 18, 2016 9:30 AM EDT
To: Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>
CC: Reardon, Gerry; Turner, Glenn; Maywalt, Stephen; Pitts, Ken; Mahoney, David A; Scott Wilder <Scott Wilder <SWilder@brooklinema.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@boston.gov>>; Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Colin Strutt <Colin Strutt <Colin@interisle.net>>; Fred Goldstein <Fred Goldstein <Fred@interisle.net>>; David Menzies <David Menzies <David.Menzies@d2five.com>>
Subject: Re: PSnet: After-incident report on Cambridge switch outage and impact/resolution
Attachment(s): "smime.p7s"

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At the same time, we will maintain forward progress on the Healy work, and I expect to have some of the most critical issues resolved by this coming weekend, if not sooner.

I will keep everyone updated as we make progress...

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- With the above steps completed, we will no longer need two Cisco 24-port switches, and these can be decommissioned. Any connections into these two switches that are still needed will be moved to other switches.
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- Documentation must be updated to reflect the new structure at Healy before this project can be declared complete. Note that the lack of documentation is one reason things got out of control at this site, and has been a source of countless hours spent trying to figure out how things were actually configured to inter-work. This problem was compounded when two other Galaxy sites were folded into the Healy site in a rush.

There are several ways we can approach this restructuring and cleanup exercise. An immediate priority will be to decommission the old 3550-12G switch (CamPS-SwA) and move its connections and network role over to the newer 3750G switch stack. However, like a tangled mess of twine, we will need to unravel all the issues summarized above before this site will be in proper shape.

This project will not require any new capital outlays, though there may be some minor materials expenses. On the other hand, there is a lot of labor required. My best estimate at the moment is that the effort could break out as follows:

Task	**Labor (est)**
Complete cutover of FATPOT server to VM	8
Move infrastructure services off "NMS1" server onto VMs	24
Set up new VPN remote access system, and transition existing services over	12
Decommission CamPS-SwA 3550-12G (involves re-working multiple switch configs throughout Cambridge due to routing dependencies)	12
Upgrade console server and re-connect to new structure	4
Documentation and updating InterMapper maps	12

Note that I did not include any labor in the above estimates for removal of old equipment, as you graciously offered to handle this task. We will, of course, work with the Cambridge team on identifying equipment to be removed, and assist with any re-cabling or power distribution.

While I hope we can accomplish this restructuring for less than the time estimated above, I want to be realistic. The good news is that the end result will improve reliability and maintainability of the system, and not just for Cambridge. This will benefit the entire Region, given the importance of this site as both a core network site, and one of our two hosting centers.

Finally, I should also note that there is some restructuring that needs to be done at the Schroeder Plaza site as well. In particular, there is a single 3750G-24 switch at Schroeder that was originally deployed in a manner similar to the CamPS-SwA switch in Cambridge, and its role needs to be subsumed into the 3750G switch stack at Schroeder that is the mirror to the switch stack in Cambridge. Fortunately, this is a smaller effort, but there are some other issues at Schroeder that need to be addressed in order to improve system reliability and maintainability.

Let me know if you have any questions or would like further information on this proposed plan of action.

...Chuck

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On 7/12/16 3:20 PM, Turner, Glenn wrote:

> Hi Chuck,
>
> Thanks for the detail on what went down.
>
> Can you give us an estimate on hour many man hours it will take to get Healy up to par?
>
> Our team can certainly help with the physical rack/stack removal type work on the 5th Floor.
>
> Thank you again,
>
> Glenn
>
> ---
>
> **From:** Chuck Wade <Chuck@Interisle.net>
> **Organization:** Interisle Consulting Group, LLC
> **Date:** Sunday, July 10, 2016 at 4:09 PM
> **To:** Stephen Maywalt <SMaywalt@CambridgePolice.org>, Ken Pitts <KPitts@Cambridge911.org>
> **Cc:** Gerry Reardon <GReardon@CambridgeFire.Org>, Glenn Turner

<GTurner@CambridgeFire.org>, David Mahoney <DAMahoney@CambridgeFire.org>, Scott Wilder <SWilder@BrooklineMA.gov>, Eamon Miller <Eamon.Miller@Boston.gov>, Brenda Jones <Brenda.Jones@Boston.gov>, Eric Johnson <EJohnson@LAN-TEL.com>, Colin Strutt <Colin@Interisle.net>, Fred Goldstein <Fred@Interisle.net>, David Menzies <David.Menzies@D2Five.com>
Subject: PSnet: After-incident report on Cambridge switch outage and impact/resolution

Stephen, Ken, et al.,

The purpose of this memo is to summarize the nature of the network incident that affected Cambridge CJIS access and NICE Inform services, along with other system problems, including loss of InterMapper services and VPN access to PSnet. I am providing a chronology of the problem, and consequent resolution, along with an assessment. I will also provide some recommendations for preventing such events in the future.

Synopsis

Saturday evening at ~23:06, a network switch failure in the 5th floor server room at Cambridge Healy resulted in loss of CJIS services for Cambridge and disrupted NICE Inform services. In addition, the primary PSnet InterMapper system is located at this facility, and became disconnected after the switch failure. Further compounding problems, VPN access to PSnet currently goes through this same switch.

On-site deployment of a redundant power supply restored the PSnet switch to full service with a total outage time of 3 hours and 44 minutes. However, problems with the Nortel Contivity 1100 router used for communications to the EOPSS/DCJIS data center in Chelsea delayed restoral of CJIS services for Cambridge by another hour. By around 03:45, all services were fully restored, including CJIS and NICE Inform services. InterMapper and VPN remote access services were restored as of 02:49.

Chronology of Events and Recovery

- 07/09 23:05:52
  CamPS-SwA Cisco 3550-12G switch failed (power supply failure)
  This is the core switch at the Cambridge Healy Facility InterMapper network connectivity was disrupted by this switch failure, which meant that InterMapper alerts were not going out.
- 07/09 23:43:33
  Cambridge staff received notification from their WhatsUp monitoring system that CJIS connectivity via PSnet was down.
  The Verizon Frame Relay connection was also down (probably has been for some time), so all Cambridge connectivity to DCJIS services was lost.
- 07/10 00:13
  Ken Pitts forwarded WhatsUp notice to Chuck Wade
- 07/10 00:25
  Ken Pitts called Chuck Wade, left voice mail regarding problem
- 07/10 00:27
  Chuck received Ken's voice message, and began investigating situation. While a VPN connection into PSnet (via Cambridge Healy) was up, there was no access to InterMapper, and simple connectivity tests revealed that

there were significant reachability issues into PSnet via the VPN connection.

- 07/10 00:35
  Chuck responded to Ken to confirm that these problems were being investigated.
  Ken noted that the critical issue was restoring CJIS services, but that that they had also lost access to the City's NICE Inform system. While there had not been any reports of radio system problems, this was an obvious area of concern.
- 07/10 00:35 to 01:25 (approximate)
  Chuck established alternative VPN connection into Schroeder Plaza and used backup InterMapper system to confirm suspected outage of CamPS-SwA switch. This also confirmed that Cambridge P25 services were still up through redundant switches.
  A call was placed to Stephen Maywalt, who was now on site at Healy Facility. Stephen immediately confirmed that CamPS-SwA was offline, apparently due to power supply failure. All other PSnet equipment at Healy Facility was up.
  After discussion of various options, it was decided that Chuck would head into Cambridge with a replacement switch and redundant Cisco power supply. The working assumption was that if only the switch power supply had failed, then it could be brought online with the redundant power supply.
- 07/10 02:30 (approximate)
  Chuck arrived at Healy Facility, and worked with Stephen to install and connect redundant power supply to failed CamPS-SwA switch.
- 07/10 02:49
  CamPS-SwA switch booted up, and all connectivity via Cambridge Healy was restored.
  However, Cambridge still did not have CJIS services available. Stephen and Chuck determined that the Nortel Contivity router used to provide secure tunnels to the Commonwealth's data center in Chelsea was not coming up correctly. Locally, the DCJIS router (Contivity) brought its Ethernet interfaces up, but was not able to communicate via any of its ports. PSnet connectivity to Chelsea data center was confirmed to be good, but that the Contivity at Cambridge was not responding to tunnel initiation requests from Chelsea.
- 07/10 03:35 (approximate)
  After several resets and checks on physical connections, the DCJIS Contivity router finally came online, and we were able to confirm that it had established IPsec tunnels to the DCJIS firewall in Chelsea. Unfortunately, DCJIS Ops had initiated a tunnel reset, so with several application-related issues, CJIS services were not fully restored at Cambridge until about 03:45.
  Stephen also confirmed that the NICE Inform system was working. Aside, we need to determine how it is that the PSnet problems disrupted NICE Inform services.

Operational Impact Assessment

There were two problems affecting Cambridge public safety services: (1) failure of the CamPS-SwA switch power supply, and (2) failure of the DCJIS Nortel Contivity router to come up properly after an earlier power cycle of this device to attempt service restoral. Both problems directly impacted Cambridge access to DCJIS services.

The CamPS-SwA switch is actually the first Cisco 3550-12G switch to have been deployed in PSnet (circa early 2009), but it was initially positioned as a "core" switch for Cambridge Healy, with all network connections going through this switch. While additional switches have been added at Cambridge Healy for

redundancy, this single switch is still a critical point of failure in the network (see below for recommendations). Unfortunately, multiple servers, firewalls, and VPN gateways located at the Cambridge Healy PSnet Hosting Center are still dependent on this switch, and when it failed the impact was significant. In this case, the tools to diagnose problems were unreachable via Cambridge, and no full-time operational capability yet exists at Boston Schroeder Plaza to provide alternative access to backup facilities. While temporary access was enabled, this added about a half hour to completing situational assessment. Note, in this case, we needed both an alternative VPN connection into PSnet as well as the backup InterMapper server. Normally, the backup IM server is easily reached, but due to the nature of the Cambridge outage, we needed to also establish another way to get to it.

Since Cambridge also reported problems with accessing their NICE Inform system, we need to better understand the relationship of this system to PSnet services, so that this service can be made more resilient.

Fortunately, system redundancy did protect communications to P25 systems in Cambridge, including for Brookline, MIT, and Harvard. Analysis of the outage shows that, while one set of GGM8000 gateways at Cambridge Healy did become disconnected from the network, the redundant gateways never lost connectivity. Apparently, any routing events did not disrupt Console communications to the Core from Cambridge.

Recommendations

To be clear, the PSnet team has long had concerns about this situation at Cambridge Healy with the critical role that this single switch plays. There is no getting around the consequences of "Murphy's Law," and last night the veracity of this Law was again demonstrated. There are at least 84 Cisco 3550-12 switches deployed throughout PSnet, but only this one switch is so critical; and as predicted by old man Murphy, this is the switch that failed. Note that this is only the second instance of an actual hardware failure of one of these switches in an operational context. The other failure was not even noticed due to designed redundancy. The only reason that this situation has not been corrected is that budget constraints have limited work to problems that cause service disruptions. Another factor is that history and accumulated baggage at Cambridge Healy means that a moderate amount of effort is required to restructure the network in a way that eliminates single points of failure.

Consequently, our first recommendation is that restructuring network connectivity at Cambridge Healy be done as soon as feasible. This is one of two core sites along with Boston Schroeder Plaza, and both of these sites also serve as hosting centers. In addition to restructuring network connectivity, a lot of cleanup is also necessary. There are many pieces of equipment in the 5th floor server room that are either duplicative of other equipment (without adding resilience) or that are no longer in service. Probably about two thirds of a rack can be cleaned out. This includes six servers and multiple firewalls and network switches. One challenge with completing this task is that the critical operational nature of the site requires extraordinary care as services are redeployed and rebuilt. At this point, there are no additional capital requirements, just the effort to clean things up.

As a side issue, it is important to review the network requirements for Cambridge's NICE Inform system and implement appropriate measures to improve resilience for this service.

Given the vital role that remote VPN access now plays for the

region, another long-delayed initiative needs to be pursued to establish fully-redundant VPN access from both Boston and Cambridge. This is not only important for network support (and CIMS camera support), but also for the Motorola MCC100 deployable consoles. Related improvements to security services (e.g., RADIUS) also need to be addressed. Ideally, VPN access needs to be available via more than one ISP connection. Currently, both Cambridge and Boston sites rely on Comcast cable services.

While considerable progress has been made in establishing and maintaining resilient InterMapper services, there is further work needed to better integrate the Boston and Cambridge InterMapper services, and also complete integration with CIMS camera monitoring via InterMapper. Should we ever lose access to one of PSnet's hosting centers, having access to InterMapper and other tools will be vital to restoring services.

Finally, Murphy's Law is still in play, and we should responsibly address some other areas of exposure. One in particular is that we currently rely on a single gateway at the EOPSS data center in Chelsea. In the past, Verizon's Frame Relay service could be used to recover CJIS communications, so this single point of failure was perhaps not as significant a concern. However, Verizon's FR service can no longer be relied upon, and failure of this one central gateway could take down CJIS services for all of MBHSR. The PSnet connections into the EOPSS data center are partially redundant today, and we have the necessary equipment in hand to build this out as a fully redundant system, so this is just a labor expenditure. We might also use this as an opportunity to leverage fiber connectivity into the Commonwealth's data center.

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Subject: Re: PSnet: After-incident report on Cambridge switch outage and impact/resolution

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Total:	72

Note that I did not include any labor in the above estimates for removal of old equipment, as you graciously offered to handle this task. We will, of course, work with the Cambridge team on identifying equipment to be removed, and assist with any re-cabling or power distribution.

While I hope we can accomplish this restructuring for less than the time estimated above, I want to be realistic. The good news is that the end result will improve reliability and maintainability of the system, and not just for Cambridge. This will benefit the entire Region, given the importance of this site as both a core network site, and one of our two hosting centers.

Finally, I should also note that there is some restructuring that needs to be done at the Schroeder Plaza site as well. In particular, there is a single 3750G-24 switch at Schroeder that was originally deployed in a manner similar to the CamPS-SwA switch in Cambridge, and its role needs to be subsumed into the 3750G switch stack at Schroeder that is the mirror to the switch stack in Cambridge. Fortunately, this is a smaller effort, but there are some other issues at Schroeder that need to be addressed in order to improve system reliability and maintainability.

Let me know if you have any questions or would like further information on this proposed plan of action.

...Chuck

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On 7/12/16 3:20 PM, Turner, Glenn wrote:

Hi Chuck,

Thanks for the detail on what went down.

Can you give us an estimate on hour many man hours it will take to get Healy up to par?

Our team can certainly help with the physical rack/stack removal type work on the 5th Floor.

Thank you again,

Glenn

From: Chuck Wade <Chuck@Interisle.net>
Organization: Interisle Consulting Group, LLC
Date: Sunday, July 10, 2016 at 4:09 PM
To: Stephen Maywalt <SMaywalt@CambridgePolice.org>, Ken Pitts <KPitts@Cambridge911.org>
Cc: Gerry Reardon <GReardon@CambridgeFire.Org>, Glenn Turner <GTurner@CambridgeFire.org>, David Mahoney <DAMahoney@CambridgeFire.org>, Scott Wilder <SWilder@BrooklineMA.gov>, Eamon Miller <Eamon.Miller@Boston.gov>, Brenda Jones <Brenda.Jones@Boston.gov>, Eric Johnson <EJohnson@LAN-TEL.com>, Colin Strutt <Colin@Interisle.net>, Fred Goldstein <Fred@Interisle.net>, David Menzies <David.Menzies@D2Five.com>
Subject: PSnet: After-incident report on Cambridge switch outage and impact/resolution

Stephen, Ken, et al.,

The purpose of this memo is to summarize the nature of the network incident that affected Cambridge CJIS access and NICE Inform services, along with other system problems, including loss of InterMapper services and VPN access to PSnet. I am providing a chronology of the problem, and consequent resolution, along with an assessment. I will also provide some recommendations for preventing such events in the future.

Synopsis

Saturday evening at ~23:06, a network switch failure in the 5th floor server room at Cambridge Healy resulted in loss of CJIS services for Cambridge and disrupted NICE Inform services. In addition, the primary PSnet InterMapper system is located at this facility, and became disconnected after the switch

failure. Further compounding problems, VPN access to PSnet currently goes through this same switch.

On-site deployment of a redundant power supply restored the PSnet switch to full service with a total outage time of 3 hours and 44 minutes. However, problems with the Nortel Contivity 1100 router used for communications to the EOPSS/DCJIS data center in Chelsea delayed restoral of CJIS services for Cambridge by another hour. By around 03:45, all services were fully restored, including CJIS and NICE Inform services. InterMapper and VPN remote access services were restored as of 02:49.

Chronology of Events and Recovery

- 07/09 23:05:52
  CamPS-SwA Cisco 3550-12G switch failed (power supply failure)
  This is the core switch at the Cambridge Healy Facility
  InterMapper network connectivity was disrupted by this switch failure, which meant that InterMapper alerts were not going out.
- 07/09 23:43:33
  Cambridge staff received notification from their WhatsUp monitoring system that CJIS connectivity via PSnet was down.
  The Verizon Frame Relay connection was also down (probably has been for some time), so all Cambridge connectivity to DCJIS services was lost.
- 07/10 00:13
  Ken Pitts forwarded WhatsUp notice to Chuck Wade
- 07/10 00:25
  Ken Pitts called Chuck Wade, left voice mail regarding problem
- 07/10 00:27
  Chuck received Ken's voice message, and began investigating situation. While a VPN connection into PSnet (via Cambridge Healy) was up, there was no access to InterMapper, and simple connectivity tests revealed that there were significant reachability issues into PSnet via the VPN connection.
- 07/10 00:35
  Chuck responded to Ken to confirm that these problems were being investigated.
  Ken noted that the critical issue was restoring CJIS services, but that that they had also lost access to the City's NICE Inform system. While there had not been any reports of radio system problems, this was an obvious area of concern.
- 07/10 00:35 to 01:25 (approximate)
  Chuck established alternative VPN connection into Schroeder Plaza and used backup InterMapper system to confirm suspected outage of CamPS-SwA switch. This also confirmed that Cambridge P25 services were still up through redundant switches.
  A call was placed to Stephen Maywalt, who was now on site at Healy Facility. Stephen immediately confirmed that CamPS-SwA was offline, apparently due to power supply failure. All other PSnet equipment at Healy Facility was up.
  After discussion of various options, it was decided that Chuck would head into Cambridge

with a replacement switch and redundant Cisco power supply. The working assumption was that if only the switch power supply had failed, then it could be brought online with the redundant power supply.

- 07/10 02:30 (approximate)
  Chuck arrived at Healy Facility, and worked with Stephen to install and connect redundant power supply to failed CamPS-SwA switch.
- 07/10 02:49
  CamPS-SwA switch booted up, and all connectivity via Cambridge Healy was restored. However, Cambridge still did not have CJIS services available. Stephen and Chuck determined that the Nortel Contivity router used to provide secure tunnels to the Commonwealth's data center in Chelsea was not coming up correctly. Locally, the DCJIS router (Contivity) brought its Ethernet interfaces up, but was not able to communicate via any of its ports. PSnet connectivity to Chelsea data center was confirmed to be good, but that the Contivity at Cambridge was not responding to tunnel initiation requests from Chelsea.
- 07/10 03:35 (approximate)
  After several resets and checks on physical connections, the DCJIS Contivity router finally came online, and we were able to confirm that it had established IPsec tunnels to the DCJIS firewall in Chelsea. Unfortunately, DCJIS Ops had initiated a tunnel reset, so with several application-related issues, CJIS services were not fully restored at Cambridge until about 03:45.
  Stephen also confirmed that the NICE Inform system was working. Aside, we need to determine how it is that the PSnet problems disrupted NICE Inform services.

Operational Impact Assessment

There were two problems affecting Cambridge public safety services: (1) failure of the CamPS-SwA switch power supply, and (2) failure of the DCJIS Nortel Contivity router to come up properly after an earlier power cycle of this device to attempt service restoral. Both problems directly impacted Cambridge access to DCJIS services.

The CamPS-SwA switch is actually the first Cisco 3550-12G switch to have been deployed in PSnet (circa early 2009), but it was initially positioned as a "core" switch for Cambridge Healy, with all network connections going through this switch. While additional switches have been added at Cambridge Healy for redundancy, this single switch is still a critical point of failure in the network (see below for recommendations). Unfortunately, multiple servers, firewalls, and VPN gateways located at the Cambridge Healy PSnet Hosting Center are still dependent on this switch, and when it failed the impact was significant. In this case, the tools to diagnose problems were unreachable via Cambridge, and no full-time operational capability yet exists at Boston Schroeder Plaza to provide alternative access to backup facilities. While temporary access was enabled, this added about a half hour to completing situational assessment. Note, in this case, we needed both an alternative VPN connection into PSnet as well

as the backup InterMapper server. Normally, the backup IM server is easily reached, but due to the nature of the Cambridge outage, we needed to also establish another way to get to it.

Since Cambridge also reported problems with accessing their NICE Inform system, we need to better understand the relationship of this system to PSnet services, so that this service can be made more resilient.

Fortunately, system redundancy did protect communications to P25 systems in Cambridge, including for Brookline, MIT, and Harvard. Analysis of the outage shows that, while one set of GGM8000 gateways at Cambridge Healy did become disconnected from the network, the redundant gateways never lost connectivity. Apparently, any routing events did not disrupt Console communications to the Core from Cambridge.

Recommendations

To be clear, the PSnet team has long had concerns about this situation at Cambridge Healy with the critical role that this single switch plays. There is no getting around the consequences of "Murphy's Law," and last night the veracity of this Law was again demonstrated. There are at least 84 Cisco 3550-12 switches deployed throughout PSnet, but only this one switch is so critical; and as predicted by old man Murphy, this is the switch that failed. Note that this is only the second instance of an actual hardware failure of one of these switches in an operational context. The other failure was not even noticed due to designed redundancy. The only reason that this situation has not been corrected is that budget constraints have limited work to problems that cause service disruptions. Another factor is that history and accumulated baggage at Cambridge Healy means that a moderate amount of effort is required to restructure the network in a way that eliminates single points of failure.

Consequently, our first recommendation is that restructuring network connectivity at Cambridge Healy be done as soon as feasible. This is one of two core sites along with Boston Schroeder Plaza, and both of these sites also serve as hosting centers. In addition to restructuring network connectivity, a lot of cleanup is also necessary. There are many pieces of equipment in the 5th floor server room that are either duplicative of other equipment (without adding resilience) or that are no longer in service. Probably about two thirds of a rack can be cleaned out. This includes six servers and multiple firewalls and network switches. One challenge with completing this task is that the critical operational nature of the site requires extraordinary care as services are redeployed and rebuilt. At this point, there are no additional capital requirements, just the effort to clean things up.

As a side issue, it is important to review the network requirements for Cambridge's NICE Inform system and implement appropriate measures to improve resilience for this service.

Given the vital role that remote VPN access now

plays for the region, another long-delayed initiative needs to be pursued to establish fully-redundant VPN access from both Boston and Cambridge. This is not only important for network support (and CIMS camera support), but also for the Motorola MCC100 deployable consoles. Related improvements to security services (e.g., RADIUS) also need to be addressed. Ideally, VPN access needs to be available via more than one ISP connection. Currently, both Cambridge and Boston sites rely on Comcast cable services.

While considerable progress has been made in establishing and maintaining resilient InterMapper services, there is further work needed to better integrate the Boston and Cambridge InterMapper services, and also complete integration with CIMS camera monitoring via InterMapper. Should we ever lose access to one of PSnet's hosting centers, having access to InterMapper and other tools will be vital to restoring services.

Finally, Murphy's Law is still in play, and we should responsibly address some other areas of exposure. One in particular is that we currently rely on a single gateway at the EOPSS data center in Chelsea. In the past, Verizon's Frame Relay service could be used to recover CJIS communications, so this single point of failure was perhaps not as significant a concern. However, Verizon's FR service can no longer be relied upon, and failure of this one central gateway could take down CJIS services for all of MBHSR. The PSnet connections into the EOPSS data center are partially redundant today, and we have the necessary equipment in hand to build this out as a fully redundant system, so this is just a labor expenditure. We might also use this as an opportunity to leverage fiber connectivity into the Commonwealth's data center.

I am happy to address any questions, or provide further details on any of the issues surfaced in this memo.

...Chuck

--

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From: Chuck Wade <Chuck@Interisle.net>
Sent: Monday, July 18, 2016 9:56 PM EDT
To: Eric Ricciardi <Eric Ricciardi <ERicciardi@QuincyMA.gov>>; Joe Pepjonovich <Joe Pepjonovich <JPepjonovich@QuincyMA.gov>>
CC: Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Scott Wilder <Scott Wilder <SWilder@BrooklineMA.gov>>; Colin Strutt <Colin Strutt <Colin@Interisle.net>>; Fred Goldstein <Fred Goldstein <Fred@Interisle.net>>
Subject: PSnet: Update on Quincy HS status--connectivity fully restored
Attachment(s): "Quincy PSnet map 2016-07-18 at 9.49.10 PM.png","smime.p7s"

Eric, Joe,

The Quincy High School site is now fully functional again, and is actually in better shape than ever. I successfully replaced the failed Cisco 3550-12G switch, and implemented a slew of configuration enhancements and refinements. The microwave link to Winthrop is again carrying traffic.

Because this was one of the first sites we deployed with redundant switches back in the summer of 2013, the firmware that was running on these switches was a prior version from what we use nearly everywhere else in PSnet. Since I have had some problems with this prior firmware version, I also replaced the other 3550-12G switch so that both are identical in terms of configuration and firmware. It is possible that the switch failure was due to this older firmware. I'll have to check this out in our lab. As an aside, I believe the last site where we still have switches on the prior firmware release is Quincy Fire Alarm. I intend to upgrade firmware on these switches as soon as we can get this scheduled.

I will note that I ran into some odd problems with routing through the 35 Northampton site. While I found some configuration issues that needed to be resolved, some of the problems I observed were just inexplicable. As a result, you may have encountered some brief loss of connectivity to CJIS or other services accessed via PSnet as I worked through these issues. I do believe that I've implemented adequate workarounds and safeguards so that I expect everything to be stable going forward. When the new fiber is in place, we can take some further steps to improve resilience and overall stability.

Another change worth noting is that Eric and I changed over the fiber connection from the High School site to terminate on the PSnet switches in the Coddington data center instead of being patched directly through to the Police HQ. There are two fiber connections from Coddington to the Police site, so this improves redundancy. Unfortunately, one of the BiDi GBIC fiber transceivers had failed, so we still have only one connection from the HS to Coddington. By using BiDi GBICs I was hoping to have each HS switch with its own connection to Coddington. I'll order a replacement GBIC and get this to you within a couple of weeks.

One reason for running the fiber connection through the Coddington data center is that this is the hub for Quincy's fiber plant. This means that we have more options for fiber paths out of this facility, and nearly all of the other sites are connected directly to Coddington, including North Quincy HS. This will allow us to get the most benefit from the new fiber connection into Boston via North Quincy HS.

I have attached the updated InterMapper Quincy map showing the current state of all PSnet switches and interconnections within Quincy. This shows the new connection from the HS to the Coddington data center.

Let me know if you have any further questions or would like more details on anything.

...Chuck
--

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From: Eamon Miller <eamon.miller@boston.gov>
Sent: Tuesday, July 19, 2016 10:02 AM EDT
To: Chuck Wade <Chuck Wade <Chuck@interisle.net>>
CC: Eric Ricciardi <Eric Ricciardi <ERicciardi@quincyma.gov>>; Joe Pepjonovich <Joe Pepjonovich <JPepjonovich@quincyma.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@boston.gov>>; Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Scott Wilder <Scott Wilder <SWilder@brooklinema.gov>>; Colin Strutt <Colin Strutt <Colin@interisle.net>>; Fred Goldstein <Fred Goldstein <Fred@interisle.net>>
Subject: Re: PSnet: Update on Quincy HS status--connectivity fully restored

Awesome work. Thank you, Chuck.

On Mon, Jul 18, 2016 at 9:56 PM, Chuck Wade<Chuck@interisle.net> wrote:

> Eric, Joe,
>
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Regional Planner

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From: Chuck Wade <Chuck@Interisle.net>
Sent: Wednesday, July 20, 2016 8:25 PM EDT
To: Scott Wilder <Scott Wilder <SWilder@BrooklineMA.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <FitzpatrickJ.BPD@CityofBoston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@PD.Boston.gov>>; Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>
CC: Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Mark Savage <Mark Savage <MSavage@LAN-TEL.com>>; Jim Rex <Jim Rex <JRex@LAN-TEL.com>>; Gerry Reardon <Gerry Reardon <GReardon@CambridgeFire.Org>>; Glenn Turner <Glenn Turner <GTurner@CambridgeFire.org>>; David Mahoney <David Mahoney <DAMahoney@CambridgeFire.org>>; David Menzies <David Menzies <David.Menzies@D2Five.com>>
Subject: PSnet: Microwave Link between Schroeder Plaza and NE Baptist Hospital has been restored
Attachment(s): "smime.p7s"

Scott, et al.,

The LAN-TEL/Interisle team succeeded in replacing the dead BridgeWave 80G microwave link between Schroeder Plaza and NE Baptist Hospital with a new microwave link based on Ubiquiti AirFiber24 radios operating in the unlicensed 24 GHz band. This is new technology that has earned a solid reputation for links similar to this one. While the BridgeWave delivered 1 GHz of capacity, the new AirFiber24 comes close at over 700 Mbps, which is considerably more than we need.

The most important benefits to having this link back up are that (1) we now have another working microwave link out of the critical Schroeder Plaza site, (2) we have a new path into Brookline via NEBH, and (3) Brookline is no longer reliant on the Egleston Tower (Walnut Park) site so that we can accommodate the restructuring of this site. Not only is Brookline a beneficiary, but Cambridge, including MIT and Harvard, will also get benefits from having an alternative path that can backup the Courthouse link.

As an aside, while deploying this new AirFiber24 link, we also made some network infrastructure improvements at Schroeder Plaza that will improve reliability and manageability of the DragonWave link to Cambridge Courthouse. We have a few more tweaks to make, and we want to improve the power connections as soon as the new UPS is online for the wiring closet where this equipment resides.

When we've completed the network and server cleanup at the Cambridge Healy site, we can then improve the routing schemes for Brookline to allow Console traffic to flow over two distinct paths, which should resolve the Motorola MCC7500 console problems when the network performs traffic rerouting.

The bottom line is that this new link is up, and it is passing traffic.

Thanks to Mark and Jim from LAN-TEL for getting this job done in a single day. Also, the folks at Schroeder Plaza were quite helpful and gracious in providing us what we needed for the network upgrades that were implemented.

...Chuck
--

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From: Reardon, Gerry <GReardon@CambridgeFire.Org>
Sent: Wednesday, July 20, 2016 9:54 PM EDT
To: Chuck Wade <Chuck Wade <Chuck@Interisle.net>>
CC: Scott Wilder <Scott Wilder <SWilder@BrooklineMA.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <FitzpatrickJ.BPD@CityofBoston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@PD.Boston.gov>>; Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Mark Savage <Mark Savage <MSavage@LAN-TEL.com>>; Jim Rex <Jim Rex <JRex@LAN-TEL.com>>; Turner, Glenn; Mahoney, David A; David Menzies <David Menzies <David.Menzies@D2Five.com>>
Subject: Re: PSnet: Microwave Link between Schroeder Plaza and NE Baptist Hospital has been restored

Great news Chuck thanks to all.

Sent from my iPhone

On Jul 20, 2016, at 20:25, Chuck Wade <Chuck@Interisle.net> wrote:

> Scott, et al.,
>
> The LAN-TEL/Interisle team succeeded in replacing the dead BridgeWave 80G microwave link between Schroeder Plaza and NE Baptist Hospital with a new microwave link based on Ubiquiti AirFiber24 radios operating in the unlicensed 24 GHz band. This is new technology that has earned a solid reputation for links similar to this one. While the BridgeWave delivered 1 GHz of capacity, the new AirFiber24 comes close at over 700 Mbps, which is considerably more than we need.
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From: Turner, Glenn <GTurner@CambridgeFire.Org>
Sent: Thursday, July 21, 2016 7:47 AM EDT
To: Chuck Wade <Chuck Wade <Chuck@Interisle.net>>
CC: Scott Wilder <Scott Wilder <SWilder@BrooklineMA.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <FitzpatrickJ.BPD@CityofBoston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@PD.Boston.gov>>; Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Mark Savage <Mark Savage <MSavage@LAN-TEL.com>>; Jim Rex <Jim Rex <JRex@LAN-TEL.com>>; Reardon, Gerry; Mahoney, David A; David Menzies <David Menzies <David.Menzies@D2Five.com>>
Subject: Re: PSnet: Microwave Link between Schroeder Plaza and NE Baptist Hospital has been restored

Thanks Chuck!

Glenn Turner

Wireless Telecommunications Manager
City of Cambridge

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>
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From: Scott Wilder <swilder@brooklinema.gov>
Sent: Thursday, July 21, 2016 8:31 AM EDT
To: Chuck Wade <Chuck Wade <Chuck@Interisle.net>>; Jim Fitzpatrick <Jim Fitzpatrick <FitzpatrickJ.BPD@CityofBoston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@PD.Boston.gov>>; Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>
CC: Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Mark Savage <Mark Savage <MSavage@LAN-TEL.com>>; Jim Rex <Jim Rex <JRex@LAN-TEL.com>>; Gerry Reardon <Gerry Reardon <GReardon@CambridgeFire.Org>>; Glenn Turner < Glenn Turner <GTurner@CambridgeFire.org>>; David Mahoney <David Mahoney <DAMahoney@CambridgeFire.org>>; David Menzies <David Menzies <David.Menzies@D2Five.com>>
Subject: RE: PSnet: Microwave Link between Schroeder Plaza and NE Baptist Hospital has been restored

Great news, finally a back link we can rely on.
My next question, do we feel the links are stable, do I dare plug back into the radio core?
Sounds like a lot of positive progress is being made across the region, thanks to all involved,
Scott

Officer Scott Wilder
Director of Technology
Brookline Police Department
350 Washington Street
Brookline, MA. 02445-6800
Office : 617-730-2259
swilder@brooklinema.gov

From: Chuck Wade [mailto:Chuck@Interisle.net]
Sent: Wednesday, July 20, 2016 8:25 PM
To: Scott Wilder; Jim Fitzpatrick; Brian Barcelou; Eamon Miller; Brenda Jones
Cc: Eric Johnson; Mark Savage; Jim Rex; Gerry Reardon; Glenn Turner; David Mahoney; David Menzies
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The bottom line is that this new link is up, and it is passing traffic.

Thanks to Mark and Jim from LAN-TEL for getting this job done in a single day. Also, the folks at Schroeder Plaza were quite helpful and gracious in providing us what we needed for the network upgrades that were implemented.

...Chuck
--

Chuck Wade, Principal
Interisle Consulting Group
+1 508 435-3050 Office
+1 508 277-6439 Mobile
www.interisle.net

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From: Michael Kane <michael.kane@boston.gov>
Sent: Thursday, July 21, 2016 10:06 AM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; aalpert@chelseama.gov; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; Ken Bruker <Ken Bruker <kbruker@reverepolice.org>>; Officer Scott Wilder <Officer Scott Wilder <swilder@brooklinema.gov>>; Pam Monzione <Pam Monzione <PMonzione@chelseama.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Michael Kiely <Michael Kiely <mkiely@police.somerville.ma.us>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Steven Ahern <Steven Ahern <SAAhern@cambridgepolice.org>>
CC: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Linda Calnan <Linda Calnan <linda.calnan@boston.gov>>; Patrick Crossen <Patrick Crossen <patrick.crossen@pd.boston.gov>>
Subject: Mike Kane/OEM: Solving the Storage Problems for Body-Worn Video Systems Webinar

Figured you guys may have an interest in this webinar about body camera video storage.

Mike
---------- Forwarded message ----------
From: **Emergency Management** <eventreg@emergencymgmt.com>
Date: Thu, Jul 21, 2016 at 10:03 AM
Subject: Solving the Storage Problems for Body-Worn Video Systems
To: Mike Kane <michael.kane@boston.gov>

Shed light on some of the key metrics of body worn video

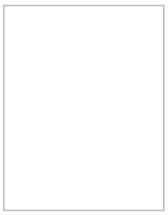
To date, most law enforcement organizations have chosen to use cloud-based storage solutions for their body-worn video. As storage prices have dropped, this has become an increasingly cost-effective solution. However, there is a growing interest in keeping storage closer to home given all of the data coming from early adopters. This webinar will shed light on some of the key metrics of body worn video so you will have a better understanding of how policy considerations will affect storage volumes, what you can expect to need to plan on for temporary and long-term storage (it's less than you may think) and why local and hybrid options may save you 10's or 100s of thousands of dollars on an annual basis.

Thursday, August 18, 2016
11 AM PT/ 2PM ET
Complimentary Webinar

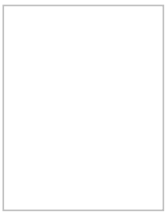
Register Now

Speakers:

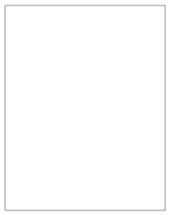
Moderator:



Dan Zehnder
Lieutenant
Body-worn Camera Manager
Las Vegas Metropolitan Police Department



Steve Bohac
Storage Product Marketing
Red Hat



Morgan Wright
Senior Fellow
Emergency Management

Please join Emergency Management magazine, the City of Los Vegas Police Department and Red Hat for this informative webinar with topics including:

- Body-worn Video Metrics

- Las Vegas Police Department Case Study
- Policy Considerations that Influence Storage Costs
- Hot to Future-Proof Your Storage Investments
- When Software Defined Storage May be a Good Fit

For questions or to register, contact:
Jeremy Smith
800.940.6039 ext. 1402
jsmith@govtech.com

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--
Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Thursday, July 21, 2016 10:07 AM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
Subject: Re: Mike Kane/OEM: Solving the Storage Problems for Body-Worn Video Systems Webinar

ThAnks Mike

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

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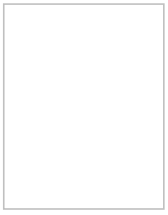
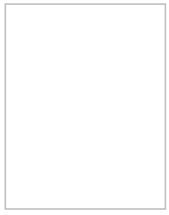
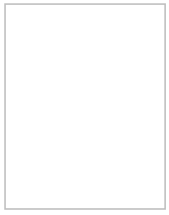




Moderator:



Dan Zehnder	Steve Bohac	Morgan Wright
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Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
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From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Thursday, July 21, 2016 11:07 AM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: Status meeting

Deirdre
Good morning , I hope your enjoying your summer .

I was just wondering if we could chat or have a meeting so I could bring you to a status of CIMS and past , current and future projects .

Thanks
Eric

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Thursday, July 21, 2016 11:08 AM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: Status meeting

Hi Eric,

Yes. I think this is very much needed. I would like to know where we are with the Boston Camera upgrade. What timing works for you?

Deirdre

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> ejohnson@lan-tel.com
> www.lan-tel.com

--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Thursday, July 21, 2016 11:19 AM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: Re: Status meeting

Would Monday work ?

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
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Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
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On Jul 21, 2016, at 11:09 AM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:

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617-635-1400

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Thursday, July 21, 2016 12:45 PM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: Status meeting

Should be fine. What time were you thinking?

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>
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> Project Manager
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Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Chuck Wade <Chuck@Interisle.net>
Sent: Thursday, July 21, 2016 1:05 PM EDT
To: Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <FitzpatrickJ.BPD@CityofBoston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@PD.Boston.gov>>; Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>
CC: Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Mark Savage <Mark Savage <MSavage@LAN-TEL.com>>; Jim Rex <Jim Rex <JRex@LAN-TEL.com>>; Gerry Reardon <Gerry Reardon <GReardon@CambridgeFire.Org>>; Glenn Turner <Glenn Turner <GTurner@CambridgeFire.org>>; David Mahoney <David Mahoney <DAMahoney@CambridgeFire.org>>; David Menzies <David Menzies <David.Menzies@D2Five.com>>; Fred Goldstein <Fred Goldstein <Fred@Interisle.net>>; Colin Strutt <Colin Strutt <Colin@Interisle.net>>
Subject: Re: PSnet: Microwave Link between Schroeder Plaza and NE Baptist Hospital has been restored
Attachment(s): "smime.p7s"

Scott,

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...Chuck

Chuck Wade, Principal
Interisle Consulting Group
+1 508 435-3050 Office
+1 508 277-6439 Mobile
www.interisle.net

On 7/21/16 8:31 AM, Scott Wilder wrote:

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> My next question, do we feel the links are stable, do I dare plug back into the radio core?
> Sounds like a lot of positive progress is being made across the region, thanks to all involved,
> Scott
>
> **Officer Scott Wilder**
> **Director of Technology**
> **Brookline Police Department**
> **350 Washington Street**
> **Brookline, MA. 02445-6800**
> **Office : 617-730-2259**
> **swilder@brooklinema.gov**
>
> ---
>
> **From:** Chuck Wade [mailto:Chuck@Interisle.net]
> **Sent:** Wednesday, July 20, 2016 8:25 PM
> **To:** Scott Wilder; Jim Fitzpatrick; Brian Barcelou; Eamon Miller; Brenda Jones
> **Cc:** Eric Johnson; Mark Savage; Jim Rex; Gerry Reardon; Glenn Turner; David Mahoney; David Menzies
> **Subject:** PSnet: Microwave Link between Schroeder Plaza and NE Baptist Hospital has been restored
>
> Scott, et al.,
>
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Subject: RE: PSnet: Microwave Link between Schroeder Plaza and NE Baptist Hospital has been restored

Chuck, Understood, I can wait until the routing is complete, another week disconnected is not an issue for us.
Now, you mention a remote disconnect option, is that something I can do when needed?
Because these issues always take place between 1 and 3 A.M. \ I don't think you want me calling you at those hours to disconnect,
so if there is a way I can do it remotely in the future that would be great.
Thanks,
Scott

Officer Scott Wilder
Director of Technology
Brookline Police Department
350 Washington Street
Brookline, MA. 02445-6800
Office : 617-730-2259
swilder@brooklinema.gov

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Importance: High

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Subject: PSnet: Microwave Link between Schroeder Plaza and NE Baptist Hospital has been restored

Scott, et al.,

The LAN-TEL/Interisle team succeeded in replacing the dead BridgeWave 80G microwave link between Schroeder Plaza and NE Baptist Hospital with a new microwave link based on Ubiquiti AirFiber24 radios operating in the unlicensed 24 GHz band. This is new technology that has earned a solid reputation for links similar to this one. While the BridgeWave delivered 1 GHz of capacity, the new AirFiber24 comes close at over 700 Mbps, which is considerably more than we need.

The most important benefits to having this link back up are that (1) we now have another working microwave link out of the critical Schroeder Plaza site, (2) we have a new path into Brookline via NEBH, and (3) Brookline is no longer reliant on the Egleston Tower (Walnut Park) site so that we can accommodate the restructuring of this site. Not only is Brookline a beneficiary, but Cambridge, including MIT and Harvard, will also get benefits from having an alternative path that can backup the Courthouse link.

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When we've completed the network and server cleanup at the Cambridge Healy site, we can then improve the routing schemes for Brookline to allow Console traffic to flow over two distinct paths, which should resolve the Motorola MCC7500 console problems when the network performs traffic rerouting.

The bottom line is that this new link is up, and it is passing traffic.

Thanks to Mark and Jim from LAN-TEL for getting this job done in a single day. Also, the folks at Schroeder Plaza were quite helpful and gracious in providing us what we needed for the network upgrades that were implemented.

...Chuck
--

Chuck Wade, Principal
Interisle Consulting Group
+1 508 435-3050 Office
+1 508 277-6439 Mobile
www.interisle.net

The substance of this message, including any attachments, may be confidential, legally privileged and/or exempt from disclosure pursuant to Massachusetts law. It is intended solely for the addressee. If you received this in error, please contact the sender and delete the material from any computer.

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Thursday, July 21, 2016 1:22 PM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: Re: Status meeting

Would between 930 -1030 work ?

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Jul 21, 2016, at 12:46 PM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:

> Should be fine. What time were you thinking?
>
> On Thu, Jul 21, 2016 at 11:19 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:
> > Would Monday work ?
> >
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> > Eric Johnson
> > Project Manager
> > Lan-Tel Communications
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> >
> > On Jul 21, 2016, at 11:09 AM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:
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> > > Hi Eric,
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--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Chuck Wade <Chuck@Interisle.net>
Sent: Thursday, July 21, 2016 2:10 PM EDT
To: Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <FitzpatrickJ.BPD@CityofBoston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@PD.Boston.gov>>; Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>
CC: Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Mark Savage <Mark Savage <MSavage@LAN-TEL.com>>; Jim Rex <Jim Rex <JRex@LAN-TEL.com>>; Gerry Reardon <Gerry Reardon <GReardon@CambridgeFire.Org>>; Glenn Turner <Glenn Turner <GTurner@CambridgeFire.org>>; David Mahoney <David Mahoney <DAMahoney@CambridgeFire.org>>; David Menzies <David Menzies <David.Menzies@D2Five.com>>; Fred Goldstein <Fred Goldstein <Fred@Interisle.net>>; Colin Strutt <Colin Strutt <Colin@Interisle.net>>
Subject: Re: PSnet: Microwave Link between Schroeder Plaza and NE Baptist Hospital has been restored
Attachment(s): "smime.p7s"

Scott,

One of the things we would like to do is to implement a set of scripts that designated individuals from the communities could execute to accomplish things like disconnecting consoles from the Core. While it is trivial for me to go into one of our switches or other devices and perform an operation to, for example, shut down an interface, this might not be easy for people who don't regularly do things like this. There are also some security concerns we need to address, as such actions obviously have significant impact.

In the meantime, try calling me anyway, no matter the time of day or night. It's still easier for me to perform the remote operation than you driving into Brookline in the wee hours. My office number is probably the best to use in the middle of the night, as I use the "do not disturb" feature on my mobile phone during sleep time (due to all the robo calls and wrong numbers).

I'll also look into a way I can give you a manual script to perform these operations in the near term.

...Chuck

Chuck Wade, Principal
Interisle Consulting Group
+1 508 435-3050 Office
+1 508 277-6439 Mobile
www.interisle.net

On 7/21/16 1:13 PM, Scott Wilder wrote:

> Chuck, Understood, I can wait until the routing is complete, another week disconnected is not an issue for us.
> Now, you mention a remote disconnect option, is that something I can do when needed?
> Because these issues always take place between 1 and 3 A.M. \ I don't think you want me calling you at those hours to disconnect,
> so if there is a way I can do it remotely in the future that would be great.
> Thanks,
> Scott
>
>
> **Officer Scott Wilder**
> **Director of Technology**
> **Brookline Police Department**
> **350 Washington Street**
> **Brookline, MA. 02445-6800**
> **Office : 617-730-2259**
> **swilder@brooklinema.gov**
>
>
> ---
>
> **From:** Chuck Wade [mailto:Chuck@Interisle.net]
> **Sent:** Thursday, July 21, 2016 1:06 PM
> **To:** Scott Wilder; Jim Fitzpatrick; Brian Barcelou; Eamon Miller; Brenda Jones
> **Cc:** Eric Johnson; Mark Savage; Jim Rex; Gerry Reardon; Glenn Turner; David Mahoney; David Menzies; Fred Goldstein; Colin Strutt
> **Subject:** Re: PSnet: Microwave Link between Schroeder Plaza and NE Baptist Hospital has been restored
> **Importance:** High
>
> Scott,
>
> While the PSnet connection to Brookline has been quite stable this week, we do believe that stability should be improved significantly with the new link via NEBH back in operation. However, I won't be able to get to updating routing to force each GGM8000 in Brookline to have a different default path back to Schroeder until next week. Since we will be making a few changes today and tomorrow that might affect routing, the safe approach would probably be to hold off until at least Friday afternoon, and it may be easier for you to delay reconnecting until next Monday. That said, you could reconnect to the Core at any time, and I believe network connectivity to Schroeder will be stable.

With the new NEBH path in place, Fred has now updated the firmware on the Mimosa B5 link to MIT Tang Hall. This seems to be working well, and it offers several technical refinements that we believe should further enhance performance and stability for this link. This updated firmware will also allow us to resume SNMP monitoring of these Mimosa radios, and that should allow us to better track performance. As an aside, we are already monitoring the new AirFiber24 radios via SNMP, and we're actually anxious to see how these radios perform during a heavy shower. Maybe we'll get a thundershower later in the day on Friday, and it would be nice if it would be intense so we can test this new link. We could use the rain, anyway. :-) As an aside, I'm still drying out my tools and parts bags from having gotten caught in a very intense thunderstorm when leaving Quincy HS on Monday--if felt like walking through a waterfall.

Finally, I will note that some of the changes I'll be implementing in Cambridge will also help with refining routing and network stability for Brookline, since one of your paths is through Cambridge. I will keep you in the loop as we make progress, and I will advise if any anticipated work could affect Brookline consoles.

As a reminder, we are able to disconnect and reconnect your GGM8000s into PSnet at any time. I mention this so you can avoid driving in at odd hours to perform a disconnect. Hopefully, we'll soon be able to put this issue behind us.

...Chuck

Chuck Wade, Principal
Interisle Consulting Group
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On 7/21/16 8:31 AM, Scott Wilder wrote:

> Great news, finally a back link we can rely on.
> My next question, do we feel the links are stable, do I dare plug back into the radio core?
> Sounds like a lot of positive progress is being made across the region, thanks to all involved,
> Scott
>
>
> **Officer Scott Wilder**
> **Director of Technology**
> **Brookline Police Department**
> **350 Washington Street**
> **Brookline, MA. 02445-6800**
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>
>
> ---
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> **From:** Chuck Wade [mailto:Chuck@Interisle.net]
> **Sent:** Wednesday, July 20, 2016 8:25 PM
> **To:** Scott Wilder; Jim Fitzpatrick; Brian Barcelou; Eamon Miller; Brenda Jones
> **Cc:** Eric Johnson; Mark Savage; Jim Rex; Gerry Reardon; Glenn Turner; David Mahoney; David Menzies
> **Subject:** PSnet: Microwave Link between Schroeder Plaza and NE Baptist Hospital has been restored
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From: Michael Kane <michael.kane@boston.gov>
Sent: Thursday, July 21, 2016 3:26 PM EDT
To: Chris Connolly <Chris Connolly <chris.connolly@pd.boston.gov>>; Ryan mcgovern <Ryan mcgovern <ryan.mcgovern@boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>
CC: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
BCC: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
Subject: MK:http://nypost.com/2016/07/21/nypd-used-this-robot-to-video-chat-with-hoax-bomber/

Capt and Sgt-

Interesting article as you develop your Robot protocols during activations and training.

Stay safe guys,

Mike

--
Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Friday, July 22, 2016 4:03 PM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: Status meeting

Sorry for the delay. That would be fine. Boston News Cafe OK?

On Thu, Jul 21, 2016 at 1:22 PM, Eric Johnson<ejohnson@lan-tel.com> wrote:

> Would between 930 -1030 work ?
>
> Respectfully ,
>
> Eric Johnson
> Project Manager
> Lan-Tel Communications
> 1400 Providence Highway, Suite 2000
> Norwood, MA 02062
>
> Cell: 617-413-2148
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From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Friday, July 22, 2016 4:06 PM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: Re: Status meeting

Absolutely .. Have a great weekend

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
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Norwood, MA 02062

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Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
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From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, July 25, 2016 6:49 AM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: Re: Status meeting

Great I will see you at 10 AM .

Respectfully ,

Eric Johnson
Project Manager
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617-635-1400

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, July 25, 2016 9:55 AM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: Fwd: Cameras down / power problem

Respectfully ,

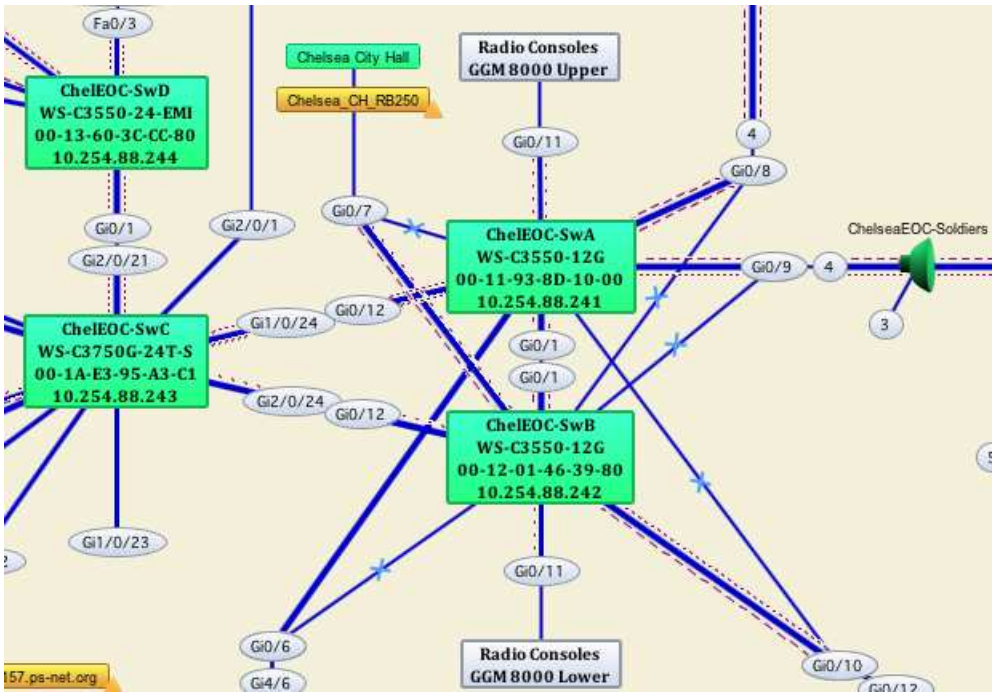
Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

Begin forwarded message:

> **From:** Chuck Wade <Chuck@Interisle.net>
> **Date:** July 25, 2016 at 9:32:43 AM EDT
> **To:** "Garcia, Ramon" <RGarcia@chelseama.gov>, 'Eric Johnson' <ejohnson@Lan-Tel.com>
> **Cc:** "Kyes, Brian" <BKyes@chelseama.gov>, "Monzione, Pam" <PMonzione@chelseama.gov>, "Eric W. Nisbet" <enisbet@lan-tel.com>, "Mark Savage" <msavage@lan-tel.com>, "Griffin, Robert" <RGriffin@chelseama.gov>, Jim Rex <jrex@lan-tel.com>, Colin Strutt <colin@interisle.net>, "Fred Goldstein" <Fred@Interisle.net>
> **Subject: Re: Cameras down / power problem**
>
> Ramon,
>
> First, we agree with you that this configuration is not ideal. There is some history, here, though. The reason this equipment is located in your office is that is where the fiber from the EOC building terminates. The weak link is (and always has been) the fiber optic media converter. I have personally eliminated dozens of these from PSnet/CIMS as I've installed Cisco switches with integral GBIC fiber transceivers. Not only do these stand-alone media converters get hung up, they are unmanaged, so they represent blind spots for us in monitoring the network.
>
> Back in the 2010 timeframe, I made some improvements to this situation when the first Cisco 3550-12G was installed. This allowed us to eliminate the media converter in the EOC radio room, and so we can monitor link status. At the same time, I added the RB250G, since this is a managed switch (actually, about $60 for this switch at the time, not $10). Unfortunately, there were no inexpensive managed switches with direct fiber interfaces when I made this upgrade, though there is now an RB260GS that does have an SFP slot for direct fiber interfaces.
>
> Here is a snippet from our InterMapper map showing this connection through your office:



The Chelsea_CH_RB250 that shows in yellow (this is an SNMP polling issue) is the 5-port switch in your office. We can't monitor the media converter, since there's no way to talk to this device, as it is totally dumb. The connections to the camera microwave radios in the City Hall cupola can be described as:

PSnet CamEOC-SwB interface port Gi0/7 <=multi-mode fiber=> media converter <=copper patch=> Chelsea_CH_RB250 ... <=copper cable to cupola=> Chelsea City Hall switch (Canopy CMM switch in cupola) <=> microwave radios to cameras

The multi-mode fiber and the cable from your office to the cupola were deployed by the City of Chelsea back when the original camera system was deployed. The Canopy switch in the cupola was also part of the original deployment.

We can upgrade the equipment in your office to eliminate the media converter. We would probably use equipment from available spares, unless you prefer that the City install its own equipment. However, our objective would be to improve management of the connection to the cupola, so we would want to make sure that we can at least SNMP poll whatever gets installed. In our spares, we have HP ProCurve 2510-24 switches that are fanless and reliable, or alternatively I could deploy an RB260GS switch in lieu of the RB250G that would replace the media converter with a managed fiber SFP. We should also replace the Canopy switch in the cupola with a more modern Layer 2 managed switch. The Canopy switch is no longer needed for any Canopy microwave radios.

Finally, we also agree that all such equipment should be powered through a UPS, and we believe strongly that every UPS should be managed and actively monitored. As I recall, there was a UPS powering the equipment located in your office area when I installed the RB250G. However, it was just another SOHO UPS, and it is unlikely that it would have lasted this long. I do not know whether there is a UPS for the equipment in the cupola, but it would be a good idea to have a managed UPS installed there as well.

...Chuck

Chuck Wade, Principal
Interisle Consulting Group
+1 508 435-3050 Office
+1 508 277-6439 Mobile
www.interisle.net

On 7/25/16 8:24 AM, Garcia, Ramon wrote:

> Can someone send me some sort of documentation/diagram of how this is connected? It's hard for me to believe that we rely on a small fiber transceiver
> and $10 hub for our camera solution. Harder to believe that this is in my office, with no AC or proper UPS.
>
> I see an opportunity to improve this. I'm open to suggestions. Still would appreciate any documentation that can be provided so I can understand better all connection points and relate to physical locations. It will help to prioritize and add to our list of items to check when there are power outages.
>
> Thanks,

Ramon Garcia
Director of IT
City of Chelsea
500 Broadway
Chelsea, MA 02150
617-466-4125
rgarcia@chelseama.gov

From: Eric Johnson [mailto:ejohnson@Lan-Tel.com]
Sent: Monday, July 25, 2016 7:23 AM
To: Chuck Wade <Chuck@Interisle.net>
Cc: Kyes, Brian <BKyes@chelseama.gov>; Monzione, Pam <PMonzione@chelseama.gov>; Eric W. Nisbet <enisbet@lan-tel.com>; Mark Savage <msavage@lan-tel.com>; Griffin, Robert <RGriffin@chelseama.gov>; Jim Rex <jrex@lan-tel.com>; Colin Strutt <colin@interisle.net>; Garcia, Ramon <RGarcia@chelseama.gov>
Subject: Re: Cameras down / power problem

Cameras are coming up .

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Jul 23, 2016, at 11:00 AM, Chuck Wade <Chuck@Interisle.net> wrote:

> Folks,
>
> Our InterMapper map for Chelsea shows that the fiber optic link from the PSnet switches in the EOC radio room is down. However, this appears to be a problem with the fiber optic media converter that is located in the IT room in the basement of City Hall (i.e., next to Ramon's office). This media converter connects to a small 5-port "RB250G" switch, that in turn connects to another switch in the City Hall Cupola, where the microwave radios are located.
>
> My suggestion is to check power to the media converter and RB250G switch in the IT room. I can provide guidance on where these two small devices are located (or were located). Both of these devices are a bit bigger than a deck of cards. The media converter is a black box with red accents and it may be labeled "Optolinx." The RB250G is a white plastic box with five Ethernet ports.
>
> Assuming these devices have power, then probably the first thing to try would be to power cycle the media converter. It has a DC power jack on the back that can be easily removed and re-inserted after 10 seconds. I'm happy to get on the phone with someone to try some other possible tricks to restoring this link.
>
> If the media converter has failed (which would not surprise me), then I have spares, and could replace both the media converter and RB250G with a single box for added reliability.
>
> Feel free to call me. I'll be in my office all day...
>
> ...Chuck
>
> ---
> Chuck Wade, Principal
> Interisle Consulting Group
> +1 508 435-3050 Office
> +1 508 277-6439 Mobile
> www.interisle.net
>
> On 7/23/16 10:14 AM, Kyes, Brian wrote:
>
> > Ramon – Do you know what the issue it?
> >
> > <mime-attachment.png>

From: Eric Johnson [mailto:ejohnson@Lan-Tel.com]
Sent: Saturday, July 23, 2016 9:34 AM
To: Monzione, Pam; Eric W. Nisbet; Mark Savage; Kyes, Brian; Griffin, Robert; Jim Rex; Chuck Wade; Colin Strutt
Subject: Re: Cameras down / power problem

It appears there is still a problem at City Hall from power disruption . . We have 14 cameras that come through this hub still down .

Thanks

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Jul 22, 2016, at 7:30 PM, Eric Johnson <ejohnson@Lan-Tel.com> wrote:

> Looks like a possible power problem? Just experienced a lot of cameras and equipment stating its down on monitoring system .
>
> Respectfully ,
>
> Eric Johnson
> Project Manager
> Lan-Tel Communications
> 1400 Providence Highway, Suite 2000
> Norwood, MA 02062
>
> Cell: 617-413-2148
> Phone: 781-352-4656
> Fax: 781-551-8667
>
> ejohnson@lan-tel.com
> www.lan-tel.com

From: Mary Milligan <mmilligan@lan-tel.com>
Sent: Monday, July 25, 2016 11:01 AM EDT
To: deirdre.habershaw@boston.gov
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Vickie Balaschi <Vickie Balaschi <VBalaschi@Lan-Tel.com>>; Jeff Bodio <Jeff Bodio <jeffb@lan-tel.com>>
Subject: June 2016 CIMS Billing
Attachment(s): "DOC072516-07252016105526.pdf","June 2016 CIMS Backup.xlsx"

Please see the attached invoice (9915270) and backup for CIMS work completed in June 2016.
Feel free to reach out to me for any additional information.
Thanks
Mare

LAN-TEL
COMMUNICATIONS, INC.

Mare Milligan
Accounting Specialist
1400 Providence Highway, Suite 3100
Norwood, MA 02062
Phone: 781.352.4717
Fax: 781.551.8667
Mmilligan@lan-tel.com
www.lan-tel.com

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Monday, July 25, 2016 11:28 AM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: Status meeting

Just writing to confirm that the Lan-tel contract expires on July 31, 2017. We have a year.

On Mon, Jul 25, 2016 at 6:49 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:

> Great I will see you at 10 AM .
>
> Respectfully ,
>
> Eric Johnson
> Project Manager
> Lan-Tel Communications
> 1400 Providence Highway, Suite 2000
> Norwood, MA 02062
>
> Cell: 617-413-2148
> Phone: 781-352-4656
> Fax: 781-551-8667
>
> ejohnson@lan-tel.com
> www.lan-tel.com
>
> On Jul 22, 2016, at 4:04 PM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:
>
>> Sorry for the delay. That would be fine. Boston News Cafe OK?
>>
>> On Thu, Jul 21, 2016 at 1:22 PM, Eric Johnson<ejohnson@lan-tel.com> wrote:
>>
>>> Would between 930 -1030 work ?
>>>
>>> Respectfully ,
>>>
>>> Eric Johnson
>>> Project Manager
>>> Lan-Tel Communications
>>> 1400 Providence Highway, Suite 2000
>>> Norwood, MA 02062
>>>
>>> Cell: 617-413-2148
>>> Phone: 781-352-4656
>>> Fax: 781-551-8667
>>>
>>> ejohnson@lan-tel.com
>>> www.lan-tel.com
>>>
>>> On Jul 21, 2016, at 12:46 PM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:
>>>
>>>> Should be fine. What time were you thinking?
>>>>
>>>> On Thu, Jul 21, 2016 at 11:19 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:
>>>>
>>>>> Would Monday work ?
>>>>>
>>>>> Respectfully ,
>>>>>
>>>>> Eric Johnson
>>>>> Project Manager
>>>>> Lan-Tel Communications
>>>>> 1400 Providence Highway, Suite 2000
>>>>> Norwood, MA 02062
>>>>>
>>>>> Cell: 617-413-2148
>>>>> Phone: 781-352-4656
>>>>> Fax: 781-551-8667
>>>>>
>>>>> ejohnson@lan-tel.com

www.lan-tel.com

On Jul 21, 2016, at 11:09 AM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:

Hi Eric,

Yes. I think this is very much needed. I would like to know where we are with the Boston Camera upgrade. What timing works for you?

Deirdre

On Thu, Jul 21, 2016 at 11:07 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:

Deirdre
Good morning , I hope your enjoying your summer .

I was just wondering if we could chat or have a meeting so I could bring you to a status of CIMS and past , current and future projects .

Thanks
Eric

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

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Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

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Deirdre Habershaw
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Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, July 25, 2016 11:39 AM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>
Subject: Re: Status meeting

Deirdre thank you !
I CC'd Kate on email
Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Jul 25, 2016, at 11:29 AM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:

> Just writing to confirm that the Lan-tel contract expires on July 31, 2017. We have a year.
>
> On Mon, Jul 25, 2016 at 6:49 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:
> > Great I will see you at 10 AM .
> >
> > Respectfully ,
> >
> > Eric Johnson
> > Project Manager
> > Lan-Tel Communications
> > 1400 Providence Highway, Suite 2000
> > Norwood, MA 02062
> >
> > Cell: 617-413-2148
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> > Fax: 781-551-8667
> >
> > ejohnson@lan-tel.com
> > www.lan-tel.com
> >
> > On Jul 22, 2016, at 4:04 PM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:
> >
> > > Sorry for the delay. That would be fine. Boston News Cafe OK?
> > >
> > > On Thu, Jul 21, 2016 at 1:22 PM, Eric Johnson<ejohnson@lan-tel.com> wrote:
> > > > Would between 930 -1030 work ?
> > > >
> > > > Respectfully ,
> > > >
> > > > Eric Johnson
> > > > Project Manager
> > > > Lan-Tel Communications
> > > > 1400 Providence Highway, Suite 2000
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> > > > Fax: 781-551-8667
> > > >
> > > > ejohnson@lan-tel.com
> > > > www.lan-tel.com

On Jul 21, 2016, at 12:46 PM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:

Should be fine. What time were you thinking?

On Thu, Jul 21, 2016 at 11:19 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:

Would Monday work ?

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Jul 21, 2016, at 11:09 AM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:

Hi Eric,

Yes. I think this is very much needed. I would like to know where we are with the Boston Camera upgrade. What timing works for you?

Deirdre

On Thu, Jul 21, 2016 at 11:07 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:

Deirdre
Good morning , I hope your enjoying your summer .

I was just wondering if we could chat or have a meeting so I could bring you to a status of CIMS and past , current and future projects .

Thanks
Eric

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

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Deirdre Habershaw
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Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Tuesday, July 26, 2016 10:33 AM EDT
To: kwaldron@lan-tel.com <kwaldron@lan-tel.com>; Vickie Balaschi <Vickie Balaschi <VBalaschi@lan-tel.com>>
CC: Albert Parker <Albert Parker <albert.parker@boston.gov>>; Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>
Subject: Fwd: Lan-Tel Remit Address

Hi Kate and Vickie,

Please see below. I believe this may be a result of the new HQ you recently opened. Can the representative from Lan-tel who manages the City of Boston Vendor profile please update to add the new remit to address so we can make payment for outstanding invoices?

Thanks in advance,
Deirdre

---------- Forwarded message ----------
From: **Albert Parker** <albert.parker@boston.gov>
Date: Tue, Jul 26, 2016 at 10:30 AM
Subject: Lan-Tel Remit Address
To: Eamon Miller <eamon.miller@boston.gov>
Cc: Deirdre Habershaw <deirdre.habershaw@boston.gov>

Eamon, Lan-Tel Communications (ID 0000019146) has a discrepancy on their account in BAIS. The account shows this address as remit:

Lan-Tel Communications Inc.,
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Their invoices show:

1400 Providence Hwy
Building 3, Suite 3100
Norwood, MA 02062

This second address has not been entered into their BAIS account. Auditing may or may not reject payments as the address is very similar, but not the same.

Lan-Tel needs to either change the invoice and accept checks at the first address or they have to correct the remit in BAIS.

Can you please contact them ASAP so we can avoid issues paying their invoice for PO 668252?

GOING FORWARD PLEASE CHECK REMIT ADDRESSES FOR YOUR VENDORS.

Thanks,
Albert Parker
Staff Assistant
Mayor's Office of Emergency Management (OEM)
Boston City Hall, Room 204
One City Hall Square
Boston, MA 02201
Office (617) 635-1400
Fax (617) 635-2974
albert.parker@boston.gov

--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Kate Waldron <kwaldron@lan-tel.com>
Sent: Tuesday, July 26, 2016 12:06 PM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Vickie Balaschi <Vickie Balaschi <VBalaschi@Lan-Tel.com>>
CC: Albert Parker <Albert Parker <albert.parker@boston.gov>>; Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>
Subject: RE: Lan-Tel Remit Address

Hi Deirdre,

I just made the change so you should be good to go.

Thanks,

Kate

From: Deirdre Habershaw [mailto:deirdre.habershaw@boston.gov]
Sent: Tuesday, July 26, 2016 10:34 AM
To: Kate Waldron <kwaldron@lan-tel.com>; Vickie Balaschi <VBalaschi@Lan-Tel.com>
Cc: Albert Parker <albert.parker@boston.gov>; Eamon Miller <eamon.miller@boston.gov>
Subject: Fwd: Lan-Tel Remit Address

Hi Kate and Vickie,

Please see below. I believe this may be a result of the new HQ you recently opened. Can the representative from Lan-tel who manages the City of Boston Vendor profile please update to add the new remit to address so we can make payment for outstanding invoices?

Thanks in advance,
Deirdre

---------- Forwarded message ----------
From: **Albert Parker** <albert.parker@boston.gov>
Date: Tue, Jul 26, 2016 at 10:30 AM
Subject: Lan-Tel Remit Address
To: Eamon Miller <eamon.miller@boston.gov>
Cc: Deirdre Habershaw <deirdre.habershaw@boston.gov>

Eamon, Lan-Tel Communications (ID 0000019146) has a discrepancy on their account in BAIS. The account shows this address as remit:

Lan-Tel Communications Inc.,
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Their invoices show:

1400 Providence Hwy
Building 3, Suite 3100
Norwood, MA 02062

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Can you please contact them ASAP so we can avoid issues paying their invoice for PO 668252?

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Thanks,
Albert Parker
Staff Assistant
Mayor's Office of Emergency Management (OEM)
Boston City Hall, Room 204
One City Hall Square
Boston, MA 02201
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Fax (617) 635-2974
albert.parker@boston.gov

--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management

One City Hall Square, Rm 204
617-635-1400

From: Albert Parker <albert.parker@boston.gov>
Sent: Tuesday, July 26, 2016 12:11 PM EDT
To: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>
CC: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Vickie Balaschi <Vickie Balaschi <VBalaschi@lan-tel.com>>; Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>
Subject: Re: Lan-Tel Remit Address

Hello Kate, just to clarify, did you make the change in the City of Boston Supplier Portal? If so, did you add the Building 3, Suite 3100 address? It may take a few days to populate in the system. I can probably submit the payment with a note for Treasury if you've definitely entered the new address. Thank you.
Albert Parker

On Tue, Jul 26, 2016 at 12:06 PM, Kate Waldron<kwaldron@lan-tel.com> wrote:

> Hi Deirdre,
>
> I just made the change so you should be good to go.
>
> Thanks,
>
> Kate
>
> **From:** Deirdre Habershaw [mailto:deirdre.habershaw@boston.gov]
> **Sent:** Tuesday, July 26, 2016 10:34 AM
> **To:** Kate Waldron <kwaldron@lan-tel.com>; Vickie Balaschi <VBalaschi@Lan-Tel.com>
> **Cc:** Albert Parker <albert.parker@boston.gov>; Eamon Miller <eamon.miller@boston.gov>
> **Subject:** Fwd: Lan-Tel Remit Address
>
> Hi Kate and Vickie,
>
> Please see below. I believe this may be a result of the new HQ you recently opened. Can the representative from Lan-tel who manages the City of Boston Vendor profile please update to add the new remit to address so we can make payment for outstanding invoices?
>
> Thanks in advance,
>
> Deirdre
>
> ---------- Forwarded message ----------
> From: **Albert Parker** <albert.parker@boston.gov>
> Date: Tue, Jul 26, 2016 at 10:30 AM
> Subject: Lan-Tel Remit Address
> To: Eamon Miller <eamon.miller@boston.gov>
> Cc: Deirdre Habershaw <deirdre.habershaw@boston.gov>
>
> Eamon, Lan-Tel Communications (ID 0000019146) has a discrepancy on their account in BAIS. The account shows this address as remit:
>
> Lan-Tel Communications Inc.,
>
> 1400 Providence Highway, Suite 2000
>
> Norwood, MA 02062
>
> Their invoices show:

1400 Providence Hwy

Building 3, Suite 3100

Norwood, MA 02062

This second address has not been entered into their BAIS account. Auditing may or may not reject payments as the address is very similar, but not the same.

Lan-Tel needs to either change the invoice and accept checks at the first address or they have to correct the remit in BAIS.

Can you please contact them ASAP so we can avoid issues paying their invoice for PO 668252?

GOING FORWARD PLEASE CHECK REMIT ADDRESSES FOR YOUR VENDORS.

Thanks,

Albert Parker

Staff Assistant

Mayor's Office of Emergency Management (OEM)

Boston City Hall, Room 204

One City Hall Square

Boston, MA 02201

Office (617) 635-1400

Fax (617) 635-2974

albert.parker@boston.gov

--

Deirdre Habershaw

Project Director

Mayor's Office of Emergency Management

One City Hall Square, Rm 204

617-635-1400

From: Albert Parker <albert.parker@boston.gov>
Sent: Tuesday, July 26, 2016 1:52 PM EDT
To: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>
CC: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>
Subject: Re: FW: [City of Boston] Your Vendor eForm has been APPROVED

Okay, the updated address shows now. Thanks for your help on this. We should be all set. Hopefully, your payment will go out this week.
Albert Parker

On Tue, Jul 26, 2016 at 1:48 PM, Kate Waldron<kwaldron@lan-tel.com> wrote:

> Should be good to go with the new address!
>
> Kate
>
> **From:** BAIS.FINANCIALS@CITYOFBOSTON.GOV [mailto:BAIS.FINANCIALS@CITYOFBOSTON.GOV]
> **Sent:** Tuesday, July 26, 2016 1:48 PM
> **To:** Kate Waldron <kwaldron@lan-tel.com>
> **Cc:** Kate Waldron <kwaldron@lan-tel.com>
> **Subject:** [City of Boston] Your Vendor eForm has been APPROVED
>
> Company Name: Lan-Tel Communications Inc.
> Submitted by Operator ID: kwaldron
> Operator ID Description: KateWaldron
> Form Submission Date: Tuesday at 12:35 PM July 26, 2016
> Form Submission Type: Update to Vendor Profile - Vendor ID: 0000019146
> Form Status: Approved
>
> Congratulations. Your vendor Eform was reviewed and approved by the CITY OF BOSTON staff.
>
> COMMENTS:
>
> *NOTICE TO RECIPIENT: THIS E-MAIL AND THE DOCUMENTS ACCOMPANYING THIS TRANSMISSION ARE CONFIDENTIAL AND MAY BE A COMMUNICATION PRIVILEGED OR PROTECTED BY LAW. IT IS MEANT FOR ONLY THE INTENDED RECIPIENT. IF YOU RECEIVED THIS E-MAIL IN ERROR, ANY REVIEW, USE, DISSEMINATION, DISTRIBUTION, OR COPYING OF THE E-MAIL IS STRICTLY PROHIBITED - PLEASE DELETE THE MESSAGE FROM YOUR INBOX. THANK YOU IN ADVANCE FOR YOUR COOPERATION.*

*****THIS IS AN AUTOMATED MESSAGE. PLEASE DO NOT REPLY TO THIS EMAIL *****

From: Fred Goldstein <fred@interisle.net>
Sent: Tuesday, July 26, 2016 3:12 PM EDT
To: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Jim Rex <Jim Rex <jrex@lan-tel.com>>; Mark Savage <Mark Savage <msavage@lan-tel.com>>; Eric W. Nisbet < Eric W. Nisbet <enisbet@lan-tel.com>>; Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Brenda Jones <Brenda Jones <brenda.jones@boston.gov>>
CC: Chuck Wade <Chuck Wade <Chuck@Interisle.net>>; Colin Strutt <Colin Strutt <colin@interisle.net>>
Subject: Ubiquiti radios now secured

As everyone knows by now, Ubiquti AirOS contained some vulnerabilities that came from the underlying Linux code. This was patched starting in release 5.6.2 in early 2015. This spring, a virus attacking unpatched Ubiquiti radios began to spread across the Internet, and sometimes got into private networks. This made updating rather important.

I have now completed updating the PSnet/CIMS radios to secure versions. Most of the recent updates are to the current v5.6.6. We should have no radios capable of being compromised on the air.

Some of the radios transferred to BoNet are no longer under our control and we don't know if they've been updated. The PSnet AirControl system, which does the patching, also sees the Milton network, and that is still unpatched, at v5.5.9. I don't know if it has any exposed attack surfaces. Updates are quite easy with AirControl.

--
Fred R. Goldstein k1io fred "at" interisle.net
Interisle Consulting Group
+1 617 795 2701

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Tuesday, July 26, 2016 3:13 PM EDT
To: Fred Goldstein <Fred Goldstein <fred@interisle.net>>
CC: Jim Rex < Jim Rex <jrex@lan-tel.com>>; Mark Savage <Mark Savage <msavage@lan-tel.com>>; Eric W. Nisbet < Eric W. Nisbet <enisbet@lan-tel.com>>; Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>; Scott Wilder < Scott Wilder <swilder@brooklinema.gov>>; Brenda Jones <Brenda Jones <brenda.jones@boston.gov>>; Chuck Wade <Chuck Wade <Chuck@Interisle.net>>; Colin Strutt <Colin Strutt <colin@interisle.net>>
Subject: Re: Ubiquiti radios now secured

Thanks Fred

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Jul 26, 2016, at 3:12 PM, Fred Goldstein <fred@interisle.net> wrote:

> As everyone knows by now, Ubiquti AirOS contained some vulnerabilities that came from the underlying Linux code. This was patched starting in release 5.6.2 in early 2015. This spring, a virus attacking unpatched Ubiquiti radios began to spread across the Internet, and sometimes got into private networks. This made updating rather important.
>
> I have now completed updating the PSnet/CIMS radios to secure versions. Most of the recent updates are to the current v5.6.6. We should have no radios capable of being compromised on the air.
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> Some of the radios transferred to BoNet are no longer under our control and we don't know if they've been updated. The PSnet AirControl system, which does the patching, also sees the Milton network, and that is still unpatched, at v5.5.9. I don't know if it has any exposed attack surfaces. Updates are quite easy with AirControl.
>
> --
> Fred R. Goldstein k1io fred "at" interisle.net
> Interisle Consulting Group
> +1 617 795 2701

From: Scott Wilder <swilder@brooklinema.gov>
Sent: Tuesday, July 26, 2016 4:21 PM EDT
To: Fred Goldstein <Fred Goldstein <fred@interisle.net>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Jim Rex <Jim Rex <jrex@lan-tel.com>>; Mark Savage <Mark Savage <msavage@lan-tel.com>>; Eric W. Nisbet < Eric W. Nisbet <enisbet@lan-tel.com>>; Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>; Brenda Jones < Brenda Jones <brenda.jones@boston.gov>>
CC: Chuck Wade <Chuck Wade <Chuck@Interisle.net>>; Colin Strutt <Colin Strutt <colin@interisle.net>>
Subject: RE: Ubiquiti radios now secured

Thanks Fred, for getting this done. Do you know, did we have any issues from the virus?
I am wondering if the virus found it'd way to these units, now you have them patched we are good, but was there any evidence that these units were effected?

Thanks,
Scott

Officer Scott Wilder
Director of Technology
Brookline Police Department
350 Washington Street
Brookline, MA. 02445-6800
Office : 617-730-2259
swilder@brooklinema.gov

-----Original Message-----
From: Fred Goldstein [mailto:fred@interisle.net]
Sent: Tuesday, July 26, 2016 3:12 PM
To: Eric Johnson; Jim Rex; Mark Savage; Eric W. Nisbet; Eamon Miller; Scott Wilder; Brenda Jones
Cc: Chuck Wade; Colin Strutt
Subject: Ubiquiti radios now secured
Importance: High

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Fred R. Goldstein k1io fred "at" interisle.net
Interisle Consulting Group
+1 617 795 2701

The substance of this message, including any attachments, may be confidential, legally privileged and/or exempt from disclosure pursuant to Massachusetts law. It is intended solely for the addressee. If you received this in error, please contact the sender and delete the material from any computer.

From: Fred Goldstein <fred@interisle.net>
Sent: Tuesday, July 26, 2016 4:33 PM EDT
To: Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Jim Rex <Jim Rex <jrex@lan-tel.com>>; Mark Savage <Mark Savage <msavage@lan-tel.com>>; Eric W. Nisbet < Eric W. Nisbet <enisbet@lan-tel.com>>; Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>; Brenda Jones <Brenda Jones <brenda.jones@boston.gov>>
CC: Chuck Wade <Chuck Wade <Chuck@Interisle.net>>; Colin Strutt <Colin Strutt <colin@interisle.net>>
Subject: Re: Ubiquiti radios now secured

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> Thanks Fred, for getting this done. Do you know, did we have any issues from the virus?
> I am wondering if the virus found it'd way to these units, now you have them patched we are good, but was there any evidence that these units were effected?

No, there was no evidence we were hit. I was just making sure we
wouldn't be.

>
> Thanks,
> Scott
>
> Officer Scott Wilder
> Director of Technology
> Brookline Police Department
> 350 Washington Street
> Brookline, MA. 02445-6800
> Office : 617-730-2259
> swilder@brooklinema.gov
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Fred R. Goldstein k1io fred "at" interisle.net
Interisle Consulting Group
+1 617 795 2701

From: Google Calendar <calendar-notification@google.com>
Sent: Wednesday, July 27, 2016 7:46 AM EDT
To: conor.mcdavitt@siemens.com <conor.mcdavitt@siemens.com>; jerry.turner@boston.gov <jerry.turner@boston.gov>; Brian.Barcelou@pd.boston.gov; jfullerton@genetec.com <jfullerton@genetec.com>; mike.lynch@boston.gov <mike.lynch@boston.gov>; jason.macdonald@boston.gov <jason.macdonald@boston.gov>; availlancourt@genetec.com <availlancourt@genetec.com>; ithomas@vidsys.com <ithomas@vidsys.com>; michael.kane@boston.gov <michael.kane@boston.gov>; ejohnson@lan-tel.com <ejohnson@lan-tel.com>; don.burgess@boston.gov <don.burgess@boston.gov>; Jason.Marshall@pd.boston.gov; tom.deloriea@isilon.com <tom.deloriea@isilon.com>; daniel.keeler@pd.boston.gov <daniel.keeler@pd.boston.gov>; william.joyce@boston.gov <william.joyce@boston.gov>; louis.madeira@pd.boston.gov <louis.madeira@pd.boston.gov>; jgrennon@lan-tel.com <jgrennon@lan-tel.com>; bhenry@mbta.com <bhenry@mbta.com>; brett.haynes@boston.gov <brett.haynes@boston.gov>; akhule@bphc.org <akhule@bphc.org>; linda.calnan@boston.gov <linda.calnan@boston.gov>; robert.slade@boston.gov <robert.slade@boston.gov>; jim.fitzpatrick@pd.boston.gov <jim.fitzpatrick@pd.boston.gov>; wilson.aleman@boston.gov <wilson.aleman@boston.gov>; dan.rothman@boston.gov <dan.rothman@boston.gov>; mfrench@lan-tel.com <mfrench@lan-tel.com>; richard.reidy@siemens.com <richard.reidy@siemens.com>; zpena@genetec.com <zpena@genetec.com>; vincent.stancato@pd.boston.gov <vincent.stancato@pd.boston.gov>; crossenjf@bwsc.org <crossenjf@bwsc.org>; larry.louis@boston.gov <larry.louis@boston.gov>; mdriscoll@dvtel.com <mdriscoll@dvtel.com>; Shawn.Romanoski@pd.boston.gov; jbeers@bphc.org <jbeers@bphc.org>; michael.flaherty2@boston.gov <michael.flaherty2@boston.gov>; nelson.vasconcelos@siemens.com <nelson.vasconcelos@siemens.com>; louis.medeira@pd.boston.gov <louis.medeira@pd.boston.gov>
Subject: [Update] Security Camera Strategy Status Meeting

Good morning,
Friendly reminder that our next security camera status meeting is next Wednesday, 8/3, at 9AM. I will send out the most recent status updates on Monday. Thanks.

Security Camera Strategy Status Meeting

Security Camera Strategy Team Meeting

When Wed Aug 3, 2016 9am – 10am Eastern Time

Where DoIT-CityHall-115-1st Floor Conference Room / Dial in: 1-866-715-6967, Passcode: 4466461 (map)

Who
- linda.calnan@boston.gov - organizer
- richard.reidy@siemens.com
- william.joyce@boston.gov
- availlancourt@genetec.com
- Jim Fitzpatrick
- ejohnson@lan-tel.com
- louis.madeira@pd.boston.gov
- mike.lynch@boston.gov
- daniel.keeler@pd.boston.gov
- Brett Haynes
- tom.deloriea@isilon.com
- mdriscoll@dvtel.com
- Vincent Stancato
- wilson.aleman@boston.gov
- ithomas@vidsys.com
- don.burgess@boston.gov
- zpena@genetec.com
- robert.slade@boston.gov
- Brian.Barcelou@pd.boston.gov
- Jason Marshall
- bhenry@mbta.com
- jason.macdonald@boston.gov
- Shawn.Romanoski@pd.boston.gov
- akhule@bphc.org
- Larry Louis
- jbeers@bphc.org
- mfrench@lan-tel.com
- michael.kane@boston.gov
- michael.flaherty2@boston.gov
- conor.mcdavitt@siemens.com
- jfullerton@genetec.com
- crossenjf@bwsc.org
- jgrennon@lan-tel.com
- Dan Rothman
- Jerry Turner
- nelson.vasconcelos@siemens.com
- louis.medeira@pd.boston.gov

From: Kate Waldron <kwaldron@lan-tel.com>
Sent: Wednesday, July 27, 2016 4:14 PM EDT
To: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: RE: Status meeting

Hi Deirdre,

I hope you are having a great summer. If it's not too much trouble, could you tell me how much money we have left on the purchase order for this project? I want to make sure we continue to bill correctly.

Many thanks,

Kate

From: Eric Johnson
Sent: Monday, July 25, 2016 11:40 AM
To: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Cc: Kate Waldron <kwaldron@lan-tel.com>
Subject: Re: Status meeting

Deirdre thank you !
I CC'd Kate on email
Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Jul 25, 2016, at 11:29 AM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:

> Just writing to confirm that the Lan-tel contract expires on July 31, 2017. We have a year.
>
> On Mon, Jul 25, 2016 at 6:49 AM, Eric Johnson <ejohnson@lan-tel.com> wrote:
>
> > Great I will see you at 10 AM .
> >
> > Respectfully ,
> >
> > Eric Johnson
> > Project Manager
> > Lan-Tel Communications
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> > Phone: 781-352-4656
> > Fax: 781-551-8667
> >
> > ejohnson@lan-tel.com
> > www.lan-tel.com
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> > On Jul 22, 2016, at 4:04 PM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:
> >
> > > Sorry for the delay. That would be fine. Boston News Cafe OK?
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> > >
> > > > Would between 930 -1030 work ?

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Eric Johnson
Project Manager
Lan-Tel Communications
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--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

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Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Monday, August 01, 2016 4:51 PM EDT
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; zpena@genetec.com <zpena@genetec.com>; bhenry@mbta.com <bhenry@mbta.com>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Abhishek Khule <Abhishek Khule <akhule@bphc.org>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Daniel Keeler <Daniel Keeler <daniel.keeler@pd.boston.gov>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis.Medeira@pd.boston.gov <Louis.Medeira@pd.boston.gov>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>
Subject: Security Camera Strategy Meeting - 8/3/16, 9AM
Attachment(s): "Security Camera Strategy Meeting_8-03-16.docx"

Attached are the status updates to review for Wednesday's security camera meeting.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Wednesday, August 03, 2016 12:56 PM EDT
To: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>
CC: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: Status meeting

Hi Kate,

The payments that I have applied to the $700,00 PO total $187,202 leaving a remaining balance of $512,798. Does that sound correct to you? this does not include any activity for July, which we have not been invoiced for yet.

Hope you are both well,

On Wed, Jul 27, 2016 at 4:14 PM, Kate Waldron<kwaldron@lan-tel.com> wrote:

> Hi Deirdre,
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> I hope you are having a great summer. If it's not too much trouble, could you tell me how much money we have left on the purchase order for this project? I want to make sure we continue to bill correctly.
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Eric Johnson

Project Manager

Lan-Tel Communications

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Project Director
Mayor's Office of Emergency Management
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From: Chuck Wade <Chuck@Interisle.net>
Sent: Wednesday, August 03, 2016 4:22 PM EDT
To: Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Scott Wilder <Scott Wilder <SWilder@BrooklineMA.gov>>
CC: Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Colin Strutt <Colin Strutt <Colin@Interisle.net>>; Fred Goldstein <Fred Goldstein <Fred@Interisle.net>>
Subject: PSnet: Update on Cambridge Healy site restructuring
Attachment(s): "smime.p7s"

Eamon,

With a sense of relief, I am confirming that we have accomplished much of the planned restructuring of the Cambridge Healy PSnet site, and pretty much all that had planned for July. This includes moving all network connections from a set of older switches to a newer 3750G switch stack that also supports the HP Blade Servers and 3PAR storage system. The older switches have been decommissioned, and may get redeployed to other sites at some point. In particular, we are no longer reliant on the central 3550-12G switch that had its power supply fail just before midnight on July 9th.

In the process of moving all network connections, we also had to review a lot of network config issues, which allowed us to find and correct a series of problems that have been of concern, especially for the P25 radio systems at his site. The required corrections extended to network switches at the Cambridge Fire and 300 Bent Street sites. Many configuration refinements were introduced to improve service quality and overall resilience. The reason we feel some relief is that we've eliminated the mysteries that had accumulated at this site, along with some of the accumulated baggage and clutter. As a reminder, this site included equipment from two other sites in addition to the original Healy installations. The improvements will not only benefit Cambridge, they will also benefit the entire region, since this is one of our two hosting centers. Brookline, Somerville, MIT, and Harvard will obtain the most benefits from improved network reliability, and maintainability!

In addition to redoing all network connections and switch configurations, we added a redundant power system for the 3750G switch stack. This means that we will survive any failures of internal power supplies in these switches.

Along with the network changes, we worked with the FATPOT team to complete the transition of the FATPOT application from the old server to a new Virtual Machine running on the HP Blade System. This transition seemed to go smoothly, thanks to the joint planning done by Colin and the FATPOT team. We seem to have dodged a bullet on this, as the old FATPOT server system is now indicating an error condition for partial disk drive failure in its RAID system. Total failure of the RAID disk system on this system is imminent, but no longer a concern.

We also established a new Ubuntu server VM for providing "Infrastructure" services that are vital to PSnet operations. As a first step to eliminating the last of the old servers, we moved the system logging service (a.k.a., syslog) off the old "infrastructure server" onto this new VM. We had been reducing the amount of logging from network equipment due to the fragility of the old server, and we now have the ability to collect logs from all PSnet equipment. All Cisco switches (over 100!) were updated to use this new syslog service. Not only is this a vital tool for detecting and analyzing problems, it is also necessary for system audits. Once we resume work under the new contract, we intend to complete the move of all infrastructure services to VMs running in the Cambridge and Boston hosting centers.

At this time, we have powered off six older Dell servers, and have only three still operational. However, only one is currently in use for a subset of infrastructure services. When we complete the migration of the last of these services, we'll work with City staff to remove at least eight of these servers (only one is worth keeping). This will free up significant rack space for other purposes. We've already made a lot more rack space available with the network cleanup work.

Let me know if you have any questions...

...Chuck

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On 7/16/16 2:04 PM, Chuck Wade wrote:

> Eamon,
>
> I'm just confirming that, after our conversation on Friday, my partners and I are working to accomplish as much of the agreed tasking as we can before July 21, including the Cambridge Healy cleanup. The other work includes restoring the microwave link into Brookline via NEBH, some necessary security upgrades for a subset of the Ubiquiti radios in PSnet/CIMS, and problem resolution work as necessary (e.g., Quincy HS switch issue).
>
> One point to note. Colin has commitments that make him unavailable for PSnet work through Thursday of this coming week, and Fred only has partial availability through the end of this month due to other commitments. However, we should still be able to make substantial progress.

...Chuck

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On 7/16/16 11:07 AM, Eamon Miller wrote:

> Chuck,
>
> As we discussed yesterday, you have the approval to move forward with the Cambridge work. Thanks to you and your team for working to get this done by end of July.
>
> Eamon
>
> Sent from my iPhone
>
> On Jul 16, 2016, at 9:07 AM, Reardon, Gerry <GReardon@cambridgefire.org> wrote:
>
> > Chuck plan on moving forward I am finalizing final approval with OEM to fund this separately from approved PSNet budget.
> >
> > It would need to be complete before the end of July.
> >
> > Hopefully Monday we will have the green light, it will be limited to Healy for project scope.
> >
> > Thanks for your assistance.
> >
> > Sent from my iPhone
> >
> > On Jul 15, 2016, at 08:33, Chuck Wade <Chuck@Interisle.net> wrote:
> >
> > > Glenn, et al.,
> > >
> > > I have been evaluating our options for cleaning up the Cambridge Healy site and trying to get a handle on how much effort will be involved. While we have recognized the need to restructure this site, the amount of effort required to do so has been an impediment. One reason this is not a typical restructuring exercise is that there are a lot of critical services at this site, and we need to rework everything with minimal disruption--ideally, no service disruptions. On the positive side, we've actually been whittling away at this problem over the past three years, and a lot of pieces have been put in place for the new structure, while out-of-date systems have gradually been taken off-line.
> > >
> > > There are several, tightly interrelated systems that need to be restructured, including:
> > >
> > > - Moving several core PSnet services off two old Dell PowerEdge 1850 servers onto Virtual Machines (VMs) running on the new blade servers. This will then allow us to decommission these old servers, either of which could fail at any time. The services that need to be moved are:
> > >   - FATPOT currently running on a dedicated PowerEdge server. This project was underway at the time our contract ran out, and should be ready to complete. There is a dependency on the FATPOT team to complete this cutover.
> > >   - Multiple "infrastructure" services running on another PowerEdge server ("NMS1"), including RADIUS (account-based authentication service), system logging, RANCID configuration management, SmokePing latency monitoring, and various tools

used for things like firmware updates or config/data captures.

- Establishing a robust VPN remote access service based on supported hardware/software. Currently, several old SOHO-style firewalls are used to provide these services, and they can all be easily replaced with a single PowerRouter 732 (MikroTik) system. This would be consistent with what we currently have deployed at Schroeder Plaza, and should be established with an eye to site diversity. While there is a need to establish a much more comprehensive VPN remote access service, the immediate objective will be to consolidate the current hodge podge of multiple boxes into a single, supportable system.
- With the above steps completed, we will no longer need two Cisco 24-port switches, and these can be decommissioned. Any connections into these two switches that are still needed will be moved to other switches.
- We previously deployed a Cisco 3750G switch stack for the HP Blade and 3PAR storage systems. The intent was to also use this switch stack to replace the "CamPS-SwA" Cisco 3550-12G switch that lost its power supply this past weekend. Note that we're still operating on this switch, but using an external power supply. Because of the critical role of the original 3550-12G switch, this cutover needs to be handled with great care so as to not disrupt other services (even outside of Cambridge) and to avoid impacting critical radio/console systems.
- We should also restructure some of the inter-switch trunking within Healy to improve redundancy and resilience.
- There is a console server installed at Healy for back door management of critical systems. This needs to be upgraded, and then reconnected to the remaining systems after the cleanup. This would bring Cambridge Healy up to the capability currently deployed at the mirror Schroeder Plaza site.
- Documentation must be updated to reflect the new structure at Healy before this project can be declared complete. Note that the lack of documentation is one reason things got out of control at this site, and has been a source of countless hours spent trying to figure out how things were actually configured to inter-work. This problem was compounded when two other Galaxy sites were folded into the Healy site in a rush.

There are several ways we can approach this restructuring and cleanup exercise. An immediate priority will be to decommission the old 3550-12G switch (CamPS-SwA) and move its connections and network role over to the newer 3750G switch stack. However, like a tangled mess of twine, we will need to unravel all the issues summarized above before this site will be in proper shape.

This project will not require any new capital outlays, though there may be some minor materials expenses. On the other hand, there is a lot of labor required. My best estimate at the moment is that the effort could break out as follows:

Task	**Labor (est)**
Complete cutover of FATPOT server to VM	8
Move infrastructure services off "NMS1" server onto VMs	24
Set up new VPN remote access system, and transition existing services over	12
Decommission CamPS-SwA 3550-12G (involves re-working multiple switch configs throughout Cambridge due to routing dependencies)	12
Upgrade console server and re-connect to new structure	4
Documentation and updating InterMapper maps	12

Note that I did not include any labor in the above estimates for removal of old equipment, as you graciously offered to handle this task. We will, of course, work with the Cambridge team on identifying equipment to be removed, and assist with any re-cabling or power distribution.

While I hope we can accomplish this restructuring for less than the time estimated above, I want to be realistic. The good news is that the end result will improve reliability and maintainability of the system, and not just for Cambridge. This will benefit the entire Region, given the importance of this site as both a core network site, and one of our two hosting centers.

Finally, I should also note that there is some restructuring that needs to be done at the Schroeder Plaza site as well. In particular, there is a single 3750G-24 switch at Schroeder that was originally deployed in a manner similar to the CamPS-SwA switch in Cambridge, and its role needs to be subsumed into the 3750G switch stack at Schroeder that is the mirror to the switch stack in Cambridge. Fortunately, this is a smaller effort, but there are some other issues at Schroeder that need to be addressed in order to improve system reliability and maintainability.

Let me know if you have any questions or would like further information on this proposed plan of action.

...Chuck

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On 7/12/16 3:20 PM, Turner, Glenn wrote:

> Hi Chuck,
>
> Thanks for the detail on what went down.
>
> Can you give us an estimate on hour many man hours it will take to get Healy up to par?
>
> Our team can certainly help with the physical rack/stack removal type work on the 5th Floor.
>
> Thank you again,
>
> Glenn
>
> ---
>
> **From:** Chuck Wade <Chuck@Interisle.net>
> **Organization:** Interisle Consulting Group, LLC
> **Date:** Sunday, July 10, 2016 at 4:09 PM
> **To:** Stephen Maywalt <SMaywalt@CambridgePolice.org>, Ken Pitts <KPitts@Cambridge911.org>
> **Cc:** Gerry Reardon <GReardon@CambridgeFire.Org>, Glenn Turner <GTurner@CambridgeFire.org>, David Mahoney <DAMahoney@CambridgeFire.org>, Scott Wilder <SWilder@BrooklineMA.gov>, Eamon Miller <Eamon.Miller@Boston.gov>, Brenda Jones <Brenda.Jones@Boston.gov>, Eric Johnson <EJohnson@LAN-TEL.com>, Colin Strutt <Colin@Interisle.net>, Fred Goldstein <Fred@Interisle.net>, David Menzies <David.Menzies@D2Five.com>
> **Subject:** PSnet: After-incident report on Cambridge switch outage and impact/resolution

Stephen, Ken, et al.,

The purpose of this memo is to summarize the nature of the network incident that affected Cambridge CJIS access and NICE Inform services, along with other system problems, including loss of InterMapper services and VPN access to PSnet. I am providing a chronology of the problem, and consequent resolution, along with an assessment. I will also provide some recommendations for preventing such events in the future.

Synopsis

Saturday evening at ~23:06, a network switch failure in the 5th floor server room at Cambridge Healy resulted in loss of CJIS services for Cambridge and disrupted NICE Inform services. In addition, the primary PSnet InterMapper system is located at this facility, and became disconnected after the switch failure. Further compounding problems, VPN access to PSnet currently goes through this same switch.

On-site deployment of a redundant power supply restored the PSnet switch to full service with a total outage time of 3 hours and 44 minutes. However, problems with the Nortel Contivity 1100 router used for communications to the EOPSS/DCJIS data center in Chelsea delayed restoral of CJIS services for Cambridge by another hour. By around 03:45, all services were fully restored, including CJIS and NICE Inform services. InterMapper and VPN remote access services were restored as of 02:49.

Chronology of Events and Recovery

- 07/09 23:05:52
  CamPS-SwA Cisco 3550-12G switch failed (power supply failure)
  This is the core switch at the Cambridge Healy Facility
  InterMapper network connectivity was disrupted by this switch failure, which meant that InterMapper alerts were not going out.
- 07/09 23:43:33
  Cambridge staff received notification from their WhatsUp monitoring system that CJIS connectivity via PSnet was down.
  The Verizon Frame Relay connection was also down (probably has been for some time), so all Cambridge connectivity to DCJIS services was lost.
- 07/10 00:13
  Ken Pitts forwarded WhatsUp notice to Chuck Wade
- 07/10 00:25
  Ken Pitts called Chuck Wade, left voice mail regarding problem
- 07/10 00:27
  Chuck received Ken's voice message, and began investigating situation. While a VPN connection into PSnet (via Cambridge Healy) was up, there was no access to InterMapper, and simple connectivity tests revealed that there were significant reachability issues into PSnet via the VPN connection.
- 07/10 00:35
  Chuck responded to Ken to confirm that these problems were being investigated.
  Ken noted that the critical issue was restoring CJIS services, but that that they had also lost access to the City's NICE Inform system. While there had not been any reports of radio system problems, this was an obvious area of concern.
- 07/10 00:35 to 01:25 (approximate)
  Chuck established alternative VPN connection into Schroeder Plaza and used backup InterMapper system to confirm suspected outage of CamPS-SwA switch. This also confirmed that Cambridge P25 services were still up through redundant switches.
  A call was placed to Stephen Maywalt, who was now on site at Healy Facility. Stephen immediately confirmed that CamPS-SwA was offline, apparently due to power supply failure. All other PSnet equipment at Healy Facility was up.
  After discussion of various options, it was decided that Chuck would head into Cambridge with a replacement switch and

redundant Cisco power supply. The working assumption was that if only the switch power supply had failed, then it could be brought online with the redundant power supply.

- 07/10 02:30 (approximate)
  Chuck arrived at Healy Facility, and worked with Stephen to install and connect redundant power supply to failed CamPS-SwA switch.
- 07/10 02:49
  CamPS-SwA switch booted up, and all connectivity via Cambridge Healy was restored.
  However, Cambridge still did not have CJIS services available. Stephen and Chuck determined that the Nortel Contivity router used to provide secure tunnels to the Commonwealth's data center in Chelsea was not coming up correctly. Locally, the DCJIS router (Contivity) brought its Ethernet interfaces up, but was not able to communicate via any of its ports. PSnet connectivity to Chelsea data center was confirmed to be good, but that the Contivity at Cambridge was not responding to tunnel initiation requests from Chelsea.
- 07/10 03:35 (approximate)
  After several resets and checks on physical connections, the DCJIS Contivity router finally came online, and we were able to confirm that it had established IPsec tunnels to the DCJIS firewall in Chelsea. Unfortunately, DCJIS Ops had initiated a tunnel reset, so with several application-related issues, CJIS services were not fully restored at Cambridge until about 03:45.
  Stephen also confirmed that the NICE Inform system was working. Aside, we need to determine how it is that the PSnet problems disrupted NICE Inform services.

Operational Impact Assessment

There were two problems affecting Cambridge public safety services: (1) failure of the CamPS-SwA switch power supply, and (2) failure of the DCJIS Nortel Contivity router to come up properly after an earlier power cycle of this device to attempt service restoral. Both problems directly impacted Cambridge access to DCJIS services.

The CamPS-SwA switch is actually the first Cisco 3550-12G switch to have been deployed in PSnet (circa early 2009), but it was initially positioned as a "core" switch for Cambridge Healy, with all network connections going through this switch. While additional switches have been added at Cambridge Healy for redundancy, this single switch is still a critical point of failure in the network (see below for recommendations). Unfortunately, multiple servers, firewalls, and VPN gateways located at the Cambridge Healy PSnet Hosting Center are still dependent on this switch, and when it failed the impact was significant. In this case, the tools to diagnose problems were unreachable via Cambridge, and no full-time operational capability yet exists at Boston Schroeder Plaza to provide alternative access to backup facilities. While temporary access was enabled, this added about a half hour to completing situational assessment. Note, in this case, we needed both an alternative VPN connection into PSnet as well as the backup InterMapper server. Normally, the backup IM server is easily reached, but due to the nature of the Cambridge outage, we needed to also establish another way to get to it.

Since Cambridge also reported problems with accessing their NICE Inform system, we need to better understand the relationship of this system to PSnet services, so that this service can be made more resilient.

Fortunately, system redundancy did protect communications to P25 systems in Cambridge, including for Brookline, MIT, and Harvard. Analysis of the outage shows that, while one set of GGM8000 gateways at Cambridge Healy did become disconnected from the network, the redundant gateways never lost connectivity. Apparently, any routing events did not disrupt Console communications to the Core from Cambridge.

Recommendations

To be clear, the PSnet team has long had concerns about this situation at Cambridge Healy with the critical role that this single switch plays. There is no getting around the consequences of "Murphy's Law," and last night the veracity of this Law was again demonstrated. There are at least 84 Cisco 3550-12 switches deployed throughout PSnet, but only this one switch is so critical; and as predicted by old man Murphy, this is the switch that failed. Note that this is only the second instance of an actual hardware failure of one of these switches in an operational context. The other failure was not even noticed due to designed redundancy. The only reason that this situation has not been corrected is that budget constraints have limited work to problems that cause service disruptions. Another factor is that history and accumulated baggage at Cambridge Healy means that a moderate amount of effort is required to restructure the network in a way that eliminates single points of failure.

Consequently, our first recommendation is that restructuring network connectivity at Cambridge Healy be done as soon as feasible. This is one of two core sites along with Boston Schroeder Plaza, and both of these sites also serve as hosting centers. In addition to restructuring network connectivity, a lot of cleanup is also necessary. There are many pieces of equipment in the 5th floor server room that are either duplicative of other equipment (without adding resilience) or that are no longer in service. Probably about two thirds of a rack can be cleaned out. This includes six servers and multiple firewalls and network switches. One challenge with completing this task is that the critical operational nature of the site requires extraordinary care as services are redeployed and rebuilt. At this point, there are no additional capital requirements, just the effort to clean things up.

As a side issue, it is important to review the network requirements for Cambridge's NICE Inform system and implement appropriate measures to improve resilience for this service.

Given the vital role that remote VPN access now plays for the region, another long-delayed initiative needs to be pursued to establish fully-redundant VPN access from both Boston and Cambridge. This is not only important for network support (and CIMS camera support), but also for the Motorola MCC100 deployable consoles. Related improvements to security services (e.g., RADIUS) also need to be addressed. Ideally, VPN access needs to be available via more than one ISP connection. Currently, both Cambridge and Boston sites rely on Comcast cable services.

While considerable progress has been made in establishing and maintaining resilient InterMapper services, there is further work needed to better integrate the Boston and Cambridge InterMapper services, and also complete integration with CIMS camera monitoring via InterMapper. Should we ever lose access to one of PSnet's hosting centers, having access to InterMapper and other tools will be vital to restoring services.

Finally, Murphy's Law is still in play, and we should responsibly address some other areas of exposure. One in particular is that we currently rely on a single gateway at the EOPSS data center in Chelsea. In the past, Verizon's Frame Relay service could be used to recover CJIS communications, so this single point of failure was perhaps not as significant a concern. However, Verizon's FR service can no longer be relied upon, and failure of this one central gateway could take down CJIS services for all of MBHSR. The PSnet connections into the EOPSS data center are partially redundant today, and we have the necessary equipment in hand to build this out as a fully redundant system, so this is just a labor expenditure. We might also use this as an opportunity to leverage fiber connectivity into the Commonwealth's data center.

I am happy to address any questions, or provide further details on any of the issues surfaced in this memo.

...Chuck
--

Chuck Wade, Principal

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From: Kate Waldron <kwaldron@lan-tel.com>
Sent: Thursday, August 04, 2016 8:34 AM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
CC: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
Subject: RE: Status meeting

Thanks for the information Deirdre. That sounds in the ballpark.

Kate

From: Deirdre Habershaw [mailto:deirdre.habershaw@boston.gov]
Sent: Wednesday, August 03, 2016 12:57 PM
To: Kate Waldron <kwaldron@lan-tel.com>
Cc: Eric Johnson <ejohnson@Lan-Tel.com>
Subject: Re: Status meeting

Hi Kate,

The payments that I have applied to the $700,00 PO total $187,202 leaving a remaining balance of $512,798. Does that sound correct to you? this does not include any activity for July, which we have not been invoiced for yet.

Hope you are both well,

On Wed, Jul 27, 2016 at 4:14 PM, Kate Waldron <kwaldron@lan-tel.com> wrote:

> Hi Deirdre,
>
> I hope you are having a great summer. If it's not too much trouble, could you tell me how much money we have left on the purchase order for this project? I want to make sure we continue to bill correctly.
>
> Many thanks,
>
> Kate
>
> ---
>
> **From:** Eric Johnson
> **Sent:** Monday, July 25, 2016 11:40 AM
> **To:** Deirdre Habershaw <deirdre.habershaw@boston.gov>
> **Cc:** Kate Waldron <kwaldron@lan-tel.com>
> **Subject:** Re: Status meeting
>
> Deirdre thank you !
> I CC'd Kate on email
> Respectfully ,
>
> Eric Johnson
> Project Manager
> Lan-Tel Communications
> 1400 Providence Highway, Suite 2000
> Norwood, MA 02062
>
> Cell: 617-413-2148
> Phone: 781-352-4656
> Fax: 781-551-8667
>
> ejohnson@lan-tel.com
> www.lan-tel.com
>
> On Jul 25, 2016, at 11:29 AM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:
>
>> Just writing to confirm that the Lan-tel contract expires on July 31, 2017. We have a year.
>>
>> On Mon, Jul 25, 2016 at 6:49 AM, Eric Johnson <ejohnson@lan-tel.com> wrote:
>>
>>> Great I will see you at 10 AM .
>>>
>>> Respectfully ,
>>>
>>> Eric Johnson
>>> Project Manager
>>> Lan-Tel Communications

1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Jul 22, 2016, at 4:04 PM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:

> Sorry for the delay. That would be fine. Boston News Cafe OK?
>
> On Thu, Jul 21, 2016 at 1:22 PM, Eric Johnson <ejohnson@lan-tel.com> wrote:
>
> > Would between 930 -1030 work ?
> >
> > Respectfully ,
> >
> > Eric Johnson
> > Project Manager
> > Lan-Tel Communications
> > 1400 Providence Highway, Suite 2000
> > Norwood, MA 02062
> >
> > Cell: 617-413-2148
> > Phone: 781-352-4656
> > Fax: 781-551-8667
> >
> > ejohnson@lan-tel.com
> > www.lan-tel.com
> >
> > On Jul 21, 2016, at 12:46 PM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:
> >
> > > Should be fine. What time were you thinking?
> > >
> > > On Thu, Jul 21, 2016 at 11:19 AM, Eric Johnson <ejohnson@lan-tel.com> wrote:
> > >
> > > > Would Monday work ?
> > > >
> > > > Respectfully ,
> > > >
> > > > Eric Johnson
> > > > Project Manager
> > > > Lan-Tel Communications
> > > > 1400 Providence Highway, Suite 2000
> > > > Norwood, MA 02062
> > > >
> > > > Cell: 617-413-2148
> > > > Phone: 781-352-4656
> > > > Fax: 781-551-8667
> > > >
> > > > ejohnson@lan-tel.com
> > > > www.lan-tel.com
> > > >
> > > > On Jul 21, 2016, at 11:09 AM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:
> > > >
> > > > > Hi Eric,
> > > > >
> > > > > Yes. I think this is very much needed. I would like to know where we are with the Boston Camera upgrade. What timing works for you?
> > > > >
> > > > > Deirdre
> > > > >
> > > > > On Thu, Jul 21, 2016 at 11:07 AM, Eric Johnson <ejohnson@lan-tel.com> wrote:
```
```

Deirdre
Good morning , I hope your enjoying your summer .

I was just wondering if we could chat or have a meeting so I could bring you to a status of CIMS and past , current and future projects .

Thanks
Eric

Respectfully ,

Eric Johnson
Project Manager
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1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
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Fax: 781-551-8667

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Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

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Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management

One City Hall Square, Rm 204
617-635-1400

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Thursday, August 04, 2016 6:39 PM EDT
To: Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>
CC: Chuck Wade <Chuck Wade <Chuck@Interisle.net>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Glenn Turner < Glenn Turner <GTurner@CambridgeFire.org>>; Gerry Reardon <Gerry Reardon <Greardon@cambridgefire.org>>
Subject: Fwd: Walnut Park Roof UPDATE

Eamon :
Please see below .
Thank you

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

Begin forwarded message:

> **From:** <ejohnson@Lan-Tel.com>
> **Date:** August 4, 2016 at 6:37:21 PM EDT
> **To:** Louie Madeira <louis.madeira@pd.boston.gov>
> **Cc:** "Shawn <RomanoskiS. bpd@cityofboston. gov> Romanoski" <shawn.romanoski@pd.boston.gov>, John Surette <john.surette@pd.boston.gov>, Savage Norbit <msavage@lan-tel.com>, Jim Rex <JRex@LAN-TEL.com>, "Lan John Barts" <jbarts@lan-tel.com>, John Grennon <jgrennon@lan-tel.com>
> **Subject: Walnut Park Roof UPDATE**
>
> Sir
> Under the direction of Mark Savage and Jim Rex of Lan- Tel . The top roof of 1990 Columbus Ave -Walnut Park has been officially cleared of CIMS antennas for BPD cameras , and PSNET Backhauls .
>
> As you know the PSNET router and switch has been relocated to the generator room until a more stable and permanent enclosure can be installed .
>
> For now , most of cameras associated to this hub are back on line . The following will be down until tomorrow :
>
> BH Ave - Humboldt
> BH Ave - Seaver
> BH Ave - Quincy
>
> Due to these being non - line of site antennas and on the list of the OEM sanctioned upgrade. We will reroute these to closer line of site equipment .
>
> We will also continue to dress newly installed and rerouted cables on the roof in a neat and workmanlike manner .
>
> Could you notify the BRIC of these cameras being offline .
>
> I believe our work will comply to BPD Communications scope of work , and you can seamlessly continue on with your active radio project .
>
> Please call me if you have any questions or concerns.
>
> Respectfully ,
>
> Eric Johnson

Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

From: Michael Kiely <mkiely@police.somerville.ma.us>
Sent: Monday, August 08, 2016 11:07 AM EDT
To: deirdre.habershaw@boston.gov; ejohnson@lan-tel.com
Subject: Invoice

Good morning,
I need some clarification on an invoice. The 2 city hall cameras have been installed and we received a bill from Lan-Tel for $4500.00. This was an approved CIMS project. Is this billed to BOEM, or is their and award letter that we have accept, get through the Somerville process, pay and seek reimbursement from Boston ?

Thank you.

Sgt. Michael Kiely
Homeland Security &
Emergency Management
(617)625-1600x7241

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Monday, August 08, 2016 12:02 PM EDT
To: Michael Kiely <Michael Kiely <mkiely@police.somerville.ma.us>>
CC: ejohnson@lan-tel.com
Subject: Re: Invoice
Attachment(s): "Somerville City Hall Access control quote.pdf"

Was the work that was done part of this project? (see attached quote)

On Mon, Aug 8, 2016 at 11:07 AM, Michael Kiely<mkiely@police.somerville.ma.us> wrote:

> Good morning,
> I need some clarification on an invoice. The 2 city hall cameras have been installed and we received a bill from Lan-Tel for $4500.00. This was an approved CIMS project. Is this billed to BOEM, or is their and award letter that we have accept, get through the Somerville process, pay and seek reimbursement from Boston ?
>
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>
> Sgt. Michael Kiely
> Homeland Security &
> Emergency Management
> (617)625-1600x7241

--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Michael Kiely <mkiely@police.somerville.ma.us>
Sent: Monday, August 08, 2016 1:24 PM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
CC: ejohnson@lan-tel.com
Subject: Re: Invoice

I'm submitting the request for cameras right now. As for the assembly row 5 cameras will I have to submit and award letter for this project also?

Sgt. Michael Kiely
Homeland Security &
Emergency Management
(617) 625-1600x7241

On Aug 8, 2016, at 12:21 PM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:

> Are you sure that this is 2015? I found an award letter for $4,560.09 for UASI 2014. Can you send me a copy of the invoice from Lan-tel?
>
> For FFYI 2015 for Somerville I have the assembly square project, which falls under U15-2.2 CIMS. This should be billed directly to OEM. And the Somerville City Hall project for $29, 685.60 which is what the award letter I sent you is for and which should be billed directly to Somerville and reimbursed by OEM to your department (or whatever department contracts and expends the work). I don't have a anything else, so I am hoping that it was work done as part of the scope I just sent to Eric for confirmation.
>
> On Mon, Aug 8, 2016 at 12:07 PM, Michael Kiely<mkiely@police.somerville.ma.us> wrote:
>> No this was done with funding from 15 under Andrew. I'll dig into my emails and files.
>> Thanks for getting back to me.
>> MK
>>
>> Sgt. Michael Kiely
>> Homeland Security &
>> Emergency Management
>> (617) 625-1600x7241
>>
>> On Aug 8, 2016, at 12:02 PM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:
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>>> Deirdre Habershaw
>>> Project Director
>>> Mayor's Office of Emergency Management
>>> One City Hall Square, Rm 204
>>> 617-635-1400
>>>
>>> <Somerville City Hall Access control quote.pdf>

--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, August 08, 2016 2:56 PM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
Subject: Fwd: Manager of Marketing and Corporate Communications Position
Attachment(s): "image001.jpg","ATT00001.htm","Marketing Manager Job Description.docx","ATT00002.htm"

So you know anyone ?

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

Begin forwarded message:

> **From:** Kate Waldron <kwaldron@lan-tel.com>
> **Date:** August 8, 2016 at 1:51:59 PM EDT
> **To:** LAN-TEL <LAN-TEL@Lan-Tel.com>
> **Subject: Manager of Marketing and Corporate Communications Position**
>
> Hi Everyone,
>
> We are posting the attached job opening on our website and LinkedIn this afternoon. Please post it to your Linked In contacts, colleagues, etc.
>
> Let me know if you have any questions.
>
> Thanks,
>
> Kate

LAN-TEL
COMMUNICATIONS, INC.

Position: Manager of Marketing and Corporate Communications

Job Description:

This position will manage all of LAN-TEL's marketing and corporate communications initiatives; the website, social media, email campaigns, content development, public relations, customer events, and trade shows. This role will also involve the support of the sales and business development teams in sales operations, interacting with customers, and closing business.

General Responsibilities:

- Develop and launch marketing campaigns and measure ROI
- Continually update website and monitor analytics for use in future marketing initiatives
- Manage and track activity of the company's social media sites
- Ensure Search Engine Optimization
- Analyze marketing and sales data and develop recommendations for sales and business development teams
- Create marketing collateral, brochures, advertising, and public relations pieces
- Collaborate with sales and business development to continually grow and update the marketing contact database and email list
- Coordinate all customer marketing events, trade shows, and seminars
- Build relationships with media outlets and journalists to facilitate placement and advertising of company information and events
- Assist sales teams in developing winning proposals and following up on customer leads

Desired Qualifications:

- BA/BS or equivalent experience of at least 3-5 years in a marketing/corporate communications role
- Proficiency in using and managing social media in a business environment
- Experience in creating marketing collateral and crafting content for the web
- Expert writing and grammar skills
- Ability to communicate effectively with customers both in person and via written communications
- Knowledge of Search Engine Optimization techniques, analytics software, and key word tools
- Fluency in MS Office Applications, Adobe Creative Suite and Word Press
- Knowledge of Salesforce.com

LAN-TEL
COMMUNICATIONS, INC.

Pay and Benefits:
In addition to a competitive base salary, LAN-TEL offers an extremely generous compensation package that includes the following:

- Medical, Dental and Vision Insurance
- Short and Long-Term Disability Plans
- Life Insurance
- 401K Plan with Company Matching
- Profit Sharing
- Paid Vacation and Holidays

Please send resume to:

Kate Waldron, Vice President
kwaldron@lan-tel.com

From: Michael Kane <michael.kane@boston.gov>
Sent: Monday, August 08, 2016 3:00 PM EDT
To: Christopher Coakley <Christopher Coakley <christopher.coakley@boston.gov>>
CC: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
Subject: Fwd: Manager of Marketing and Corporate Communications Position
Attachment(s): "ATT00001.htm","image001.jpg","Marketing Manager Job Description.docx","ATT00002.htm"

FYI
---------- Forwarded message ----------
From: **Eric Johnson** <ejohnson@lan-tel.com>
Date: Mon, Aug 8, 2016 at 2:56 PM
Subject: Fwd: Manager of Marketing and Corporate Communications Position
To: Michael Kane <michael.kane@boston.gov>

So you know anyone ?

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

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> Let me know if you have any questions.
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> Thanks,
>
> Kate

--
Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201

Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Tuesday, August 09, 2016 11:43 AM EDT
To: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>
CC: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: Status meeting

Do either of you know when we might see the invoicing for July? I'm trying to reconcile and close out the UASI 2014 budget and it would be great if we could get the final billing in.

Thanks for any help you can lend. Have a great day!

-Deirdre

On Thu, Aug 4, 2016 at 8:34 AM, Kate Waldron<kwaldron@lan-tel.com> wrote:

> Thanks for the information Deirdre. That sounds in the ballpark.
>
> Kate
>
> **From:** Deirdre Habershaw [mailto:deirdre.habershaw@boston.gov]
> **Sent:** Wednesday, August 03, 2016 12:57 PM
> **To:** Kate Waldron <kwaldron@lan-tel.com>
> **Cc:** Eric Johnson <ejohnson@Lan-Tel.com>
> **Subject:** Re: Status meeting
>
> Hi Kate,
>
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> >
> > I hope you are having a great summer. If it's not too much trouble, could you tell me how much money we have left on the purchase order for this project? I want to make sure we continue to bill correctly.
> >
> > Many thanks,
> >
> > Kate
> >
> > ---
> >
> > **From:** Eric Johnson
> > **Sent:** Monday, July 25, 2016 11:40 AM
> > **To:** Deirdre Habershaw <deirdre.habershaw@boston.gov>
> > **Cc:** Kate Waldron <kwaldron@lan-tel.com>
> > **Subject:** Re: Status meeting
> >
> > Deirdre thank you !
> > I CC'd Kate on email

Respectfully ,

Eric Johnson

Project Manager

Lan-Tel Communications

1400 Providence Highway, Suite 2000

Norwood, MA 02062

Cell: 617-413-2148

Phone: 781-352-4656

Fax: 781-551-8667

ejohnson@lan-tel.com

www.lan-tel.com

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> > On Jul 22, 2016, at 4:04 PM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:
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> Would between 930 -1030 work ?
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> Project Manager
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Deirdre Habershaw

Project Director

Mayor's Office of Emergency Management

> > > > > One City Hall Square, Rm 204
> > > > > 617-635-1400
> > > > >
> > > > > --
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Deirdre Habershaw

Project Director

Mayor's Office of Emergency Management

One City Hall Square, Rm 204

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Mayor's Office of Emergency Management
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Subject: Re: Status meeting

My fault I am working on it you will have tomorriw

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Deirdre Habershaw

Project Director

Mayor's Office of Emergency Management

One City Hall Square, Rm 204

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Mayor's Office of Emergency Management

One City Hall Square, Rm 204

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Sent: Thursday, August 11, 2016 9:50 AM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>; Vickie Balaschi <Vickie Balaschi <VBalaschi@lan-tel.com>>
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> > > **Sent:** Wednesday, August 03, 2016 12:57 PM
> > > **To:** Kate Waldron <kwaldron@lan-tel.com>
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To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>; Vickie Balaschi <Vickie Balaschi <VBalaschi@Lan-Tel.com>>
Subject: Re: Status meeting

You will have in a half hour thank you !

Respectfully ,

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Sent: Thursday, August 11, 2016 10:28 AM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>; Vickie Balaschi <Vickie Balaschi <VBalaschi@Lan-Tel.com>>
Subject: Re: Status meeting

Deirdre
Total for July CIMS is 26 ,256.70
Our standard itemized bill will be sent soon .

Respectfully ,

Eric Johnson
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> Eric Johnson
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> Project Manager
>
> Lan-Tel Communications
>
> 1400 Providence Highway, Suite 2000
>
> Norwood, MA 02062
>
> Cell: 617-413-2148
>
> Phone: 781-352-4656
>
> Fax: 781-551-8667
>
> ejohnson@lan-tel.com
>
> www.lan-tel.com

--

Deirdre Habershaw

Project Director

Mayor's Office of Emergency Management

One City Hall Square, Rm 204

617-635-1400

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Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Thursday, August 11, 2016 10:31 AM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>; Vickie Balaschi <Vickie Balaschi <VBalaschi@lan-tel.com>>
Subject: Re: Status meeting

Thank you very much.

On Thu, Aug 11, 2016 at 10:28 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:

> Deirdre
> Total for July CIMS is 26 ,256.70
> Our standard itemized bill will be sent soon .
>
> Respectfully ,
>
> Eric Johnson
> Project Manager
> Lan-Tel Communications
> 1400 Providence Highway, Suite 2000
> Norwood, MA 02062
>
> Cell: 617-413-2148
> Phone: 781-352-4656
> Fax: 781-551-8667
>
> ejohnson@lan-tel.com
> www.lan-tel.com
>
> On Aug 11, 2016, at 9:51 AM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:
>
>> Hi Just checking on July invoicing. Even just knowing the dollar figure would be helpful at this point. Thanks all!
>>
>> On Tue, Aug 9, 2016 at 1:09 PM, Eric Johnson<ejohnson@lan-tel.com> wrote:
>>> My fault I am working on it you will have tomorriw
>>>
>>> Respectfully ,
>>>
>>> Eric Johnson
>>> Project Manager
>>> Lan-Tel Communications
>>> 1400 Providence Highway, Suite 2000
>>> Norwood, MA 02062
>>>
>>> Cell: 617-413-2148
>>> Phone: 781-352-4656
>>> Fax: 781-551-8667
>>>
>>> ejohnson@lan-tel.com
>>> www.lan-tel.com
>>>
>>> On Aug 9, 2016, at 11:43 AM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:
>>>
>>>> Do either of you know when we might see the invoicing for July? I'm trying to reconcile and close out the UASI 2014 budget and it would be great if we could get the final billing in.
>>>>
>>>> Thanks for any help you can lend. Have a great day!
>>>>
>>>> -Deirdre
>>>>
>>>> On Thu, Aug 4, 2016 at 8:34 AM, Kate Waldron<kwaldron@lan-tel.com> wrote:
>>>>> Thanks for the information Deirdre. That sounds in the ballpark.
>>>>>
>>>>> Kate

From: Deirdre Habershaw [mailto:deirdre.habershaw@boston.gov]
Sent: Wednesday, August 03, 2016 12:57 PM
To: Kate Waldron <kwaldron@lan-tel.com>
Cc: Eric Johnson <ejohnson@Lan-Tel.com>
Subject: Re: Status meeting

Hi Kate,

The payments that I have applied to the $700,00 PO total $187,202 leaving a remaining balance of $512,798. Does that sound correct to you? this does not include any activity for July, which we have not been invoiced for yet.

Hope you are both well,

On Wed, Jul 27, 2016 at 4:14 PM, Kate Waldron <kwaldron@lan-tel.com> wrote:

> Hi Deirdre,
>
> I hope you are having a great summer. If it's not too much trouble, could you tell me how much money we have left on the purchase order for this project? I want to make sure we continue to bill correctly.
>
> Many thanks,
>
> Kate
>
> ---
>
> **From:** Eric Johnson
> **Sent:** Monday, July 25, 2016 11:40 AM
> **To:** Deirdre Habershaw <deirdre.habershaw@boston.gov>
> **Cc:** Kate Waldron <kwaldron@lan-tel.com>
> **Subject:** Re: Status meeting
>
> Deirdre thank you !
> I CC'd Kate on email
>
> Respectfully ,
>
> Eric Johnson
>
> Project Manager
>
> Lan-Tel Communications
>
> 1400 Providence Highway, Suite 2000
>
> Norwood, MA 02062
>
> Cell: 617-413-2148

Phone: 781-352-4656

Fax: 781-551-8667

ejohnson@lan-tel.com

www.lan-tel.com

On Jul 25, 2016, at 11:29 AM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:

> Just writing to confirm that the Lan-tel contract expires on July 31, 2017. We have a year.
>
> On Mon, Jul 25, 2016 at 6:49 AM, Eric Johnson <ejohnson@lan-tel.com> wrote:
>
> > Great I will see you at 10 AM .
> >
> > Respectfully ,
> >
> > Eric Johnson
> >
> > Project Manager
> >
> > Lan-Tel Communications
> >
> > 1400 Providence Highway, Suite 2000
> >
> > Norwood, MA 02062
> >
> > Cell: 617-413-2148
> >
> > Phone: 781-352-4656
> >
> > Fax: 781-551-8667
> >
> > ejohnson@lan-tel.com
> >
> > www.lan-tel.com
> >
> > On Jul 22, 2016, at 4:04 PM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:
> >
> > > Sorry for the delay. That would be fine. Boston News Cafe OK?
> > >
> > > On Thu, Jul 21, 2016 at 1:22 PM, Eric Johnson <ejohnson@lan-tel.com> wrote:
> > >
> > > > Would between 930 -1030 work ?
> > > >
> > > > Respectfully ,
> > > >
> > > > Eric Johnson
> > > >
> > > > Project Manager
> > > >
> > > > Lan-Tel Communications
> > > >
> > > > 1400 Providence Highway, Suite 2000

Norwood, MA 02062

Cell: 617-413-2148

Phone: 781-352-4656

Fax: 781-551-8667

ejohnson@lan-tel.com

www.lan-tel.com

On Jul 21, 2016, at 12:46 PM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:

> Should be fine. What time were you thinking?
>
> On Thu, Jul 21, 2016 at 11:19 AM, Eric Johnson <ejohnson@lan-tel.com> wrote:
>
> > Would Monday work ?
> >
> > Respectfully ,
> >
> > Eric Johnson
> >
> > Project Manager
> >
> > Lan-Tel Communications
> >
> > 1400 Providence Highway, Suite 2000
> >
> > Norwood, MA 02062
> >
> > Cell: 617-413-2148
> >
> > Phone: 781-352-4656
> >
> > Fax: 781-551-8667
> >
> > ejohnson@lan-tel.com
> >
> > www.lan-tel.com
> >
> > On Jul 21, 2016, at 11:09 AM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:
> >
> > > Hi Eric,
> > >
> > > Yes. I think this is very much needed. I would like to know where we are with the Boston Camera upgrade. What timing works for you?
> > >
> > > Deirdre

On Thu, Jul 21, 2016 at 11:07 AM, Eric Johnson <ejohnson@lan-tel.com> wrote:

> Deirdre
>
> Good morning , I hope your enjoying your summer .
>
> I was just wondering if we could chat or have a meeting so I could bring you to a status of CIMS and past , current and future projects .
>
> Thanks
>
> Eric
>
> Respectfully ,
>
> Eric Johnson
>
> Project Manager
>
> Lan-Tel Communications
>
> 1400 Providence Highway, Suite 2000
>
> Norwood, MA 02062
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Project Director
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One City Hall Square, Rm 204
617-635-1400

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Friday, August 12, 2016 12:37 PM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: Call

I thought that might be the case. I am back in the office now, Can you give me a ring when you have a second? Thanks.

On Fri, Aug 12, 2016 at 12:15 PM, Eric Johnson<ejohnson@lan-tel.com> wrote:

> Deirdre
> Sorry I was in PSNET meeting .
>
> Respectfully ,
>
> Eric Johnson
> Project Manager
> Lan-Tel Communications
> 1400 Providence Highway, Suite 2000
> Norwood, MA 02062
>
> Cell: 617-413-2148
> Phone: 781-352-4656
> Fax: 781-551-8667
>
> ejohnson@lan-tel.com
> www.lan-tel.com

--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, August 15, 2016 6:52 PM EDT
To: Deirdre.Habershaw@cityofboston.gov
Subject: FW: Everett Ave
Attachment(s): "image001.jpg"

Chelsea

From: Eric Johnson
Sent: Thursday, July 28, 2016 4:10 PM
To: Rimar, Nicole (DAA) <nicole.rimar@state.ma.us>
Subject: Re: Everett Ave

No I do not at this time . We ended up tossing away , it was a camera that was made by IV and C of Newton MA and bought direct by OEM . it would be in the original procurement that is maintained by OEM.

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Jul 28, 2016, at 3:58 PM, Rimar, Nicole (DAA) <nicole.rimar@state.ma.us> wrote:

> Thanks Eric. As to question 1, do you have the name/model/serial # of the broken camera? Or would that be in the OEM file?
>
> From: Eric Johnson [mailto:ejohnson@Lan-Tel.com]
> Sent: Thursday, July 28, 2016 12:53 PM
> To: Monzione, Pam
> Cc: Rimar, Nicole (SUF); Farden, Jason; Houghton, Keith; Dunn, Thomas (Police)
> Subject: Re: Everett Ave
>
> Question 1
> Everett chestnut 1 MAC 00-07-54-72-84-8A
>
> Everett chestnut 2 MAC 00-07-5F -72-2C -1C
> Both are Bosch Gen 4 autodomes
> [image2.JPG]
> [image1.JPG]
>
> Question 2 and 4
>
> The original quick deploy camera was installed on approximately 6/16/ 2015
>
> It was reported that the camera could not move on 8/17/ 2015 and we repaired .
>
> It was then reported that it was not working on 9/21/2015 we then replaced with with the 2 cameras shown above after this date .
>
> On 2/16 /2016 it was reported that both cameras were down and we repaired
>
> On 4/25/2016 it was reported that they were down and we repaired .
>
> The maintenance records are given to Boston OEM (office of emergency management) and they are the record keeper and owner of any transactions for these cameras . I could not give any official records without consent .
>
> Question 3
> Lan Tel Communications of Norwood and is the listed vendor that maintains these specific cameras and associated

equipment .

Question 5
See Question 3

Question 8
I do not understand question and more specifically the word "forms" I would be guessing to what they are alluding too for an concise answer.

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000<x-apple-data-detectors://4/1>
Norwood, MA 02062<x-apple-data-detectors://4/1>

Cell: 617-413-2148<tel:617-413-2148>
Phone: 781-352-4656
Fax: 781-551-8667<tel:781-551-8667>

ejohnson@lan-tel.com<mailto:ejohnson@lan-tel.com>
www.lan-tel.co<http://www.lan-tel.com/>m

On Jul 19, 2016, at 3:58 PM, Monzione, Pam <PMonzione@chelseama.gov<mailto:PMonzione@chelseama.gov>> wrote:
Hi Nicole,

Question # 6 is very generic and hard to answer without additional information. Only images that have been requested are captured and preserved. The system overwrites itself every 30 days. I can produce requested footage if I have the case numbers.

Question # 7 The computers that record the footage and the actual DVD's that have been requested are stored at the police station.

Question # 9 I am the one that preserves the footage after Captain Dunn approves the request. The DVD's are then put into evidence by Detective Coen

Please give me a call if you need additional information. Pam

From: Rimar, Nicole (DAA) [mailto:nicole.rimar@state.ma.us]
Sent: Tuesday, July 19, 2016 2:49 PM
To: Monzione, Pam; 'Eric Johnson'
Cc: Farden, Jason
Subject: RE: Everett Ave

Hi Pam, thanks so much, I've been in touch with Eric and he is working to get me what he can on his end. He said that items 6, 7, and 9 would be in the purview of the Chelsea PD - - would you be able to assist with those please? As to item 6 - was the camera broken for the range of dates from which he requests images? If not, do any of those images still exist? If they do, please let me know and we can discuss further. If they don't, that answer is simple.
Thanks again,
Nicole

From: Monzione, Pam [mailto:PMonzione@chelseama.gov]
Sent: Monday, July 18, 2016 5:51 PM
To: 'Eric Johnson'
Cc: Farden, Jason; Rimar, Nicole (SUF)
Subject: FW: Everett Ave
Importance: High

Hi Eric,
Would you please handle this or let me know who I can get to answer the questions from the DA. Thanks/Pam This is a very important case.

From: Rimar, Nicole (DAA) [mailto:nicole.rimar@state.ma.us]
Sent: Monday, July 18, 2016 4:55 PM

To: Monzione, Pam
Cc: Farden, Jason
Subject: RE: Everett Ave

Hello,
I'm just checking in to make sure this hasn't fallen off the radar - - we have a court date next Friday 7/29 to provide what the Chelsea PD / Lan-Tel is willing to turn over; any additional existing material will surely be the subject of a motion to compel production. If you have objections to it, please let me know and I'll work with your legal department.
Thanks again for your attention to this matter,
Nicole

From: Rimar, Nicole (SUF)
Sent: Thursday, June 30, 2016 4:17 PM
To: 'pmonzione@chelseama.gov<mailto:pmonzione@chelseama.gov>'
Cc: jfarden@chelseama.gov<mailto:jfarden@chelseama.gov><mailto:jfarden@chelseama.gov>
Subject: RE: Everett Ave

Hi Pam and Jason,
I hope all is well. In addition to the letter explaining the functionality of the cameras in question on 1/1/16, I must produce the items requested in the attached motion, to the extent they are in the custody of the Chelsea PD. If the information is in the custody of a 3rd party (Lan-Tel?), the defense will file a motion seeking them to produce it. If possible, coordination with Lan-Tel to produce the requested information would be best. If Chelsea PD or Lan-Tel has any questions, concerns, or objections about production of any of these items, please let me know. The compliance date is 7/29/16.
Please feel free to call me at 617-619-4130 if you'd like to discuss any of this.
Thanks so much for your time and attention to this matter, and have a safe 4th.
Nicole

From: Farden, Jason [mailto:JFarden@chelseama.gov]
Sent: Monday, June 27, 2016 9:48 PM
To: Rimar, Nicole (SUF)
Subject: FW: Everett Ave

This is the last e-mail I received about the camera.

From: Eric Johnson [mailto:ejohnson@Lan-Tel.com]
Sent: Monday, June 20, 2016 5:26 PM
To: Monzione, Pam
Cc: Farden, Jason
Subject: Re: Everett Ave

I will folow up and since then we have removed
Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000<x-apple-data-detectors://4/1>
Norwood, MA 02062<x-apple-data-detectors://4/1>

Cell: 617-413-2148<tel:617-413-2148>
Phone: 781-352-4656
Fax: 781-551-8667<tel:781-551-8667>

ejohnson@lan-tel.com<mailto:ejohnson@lan-tel.com><mailto:ejohnson@lan-tel.com>
www.lan-tel.co<http://www.lan-tel.co><http://www.lan-tel.com/>m

On Jun 20, 2016, at 5:18 PM, Monzione, Pam <PMonzione@chelseama.gov<mailto:PMonzione@chelseama.gov>
<mailto:PMonzione@chelseama.gov>> wrote:
Hi Eric,

Just following up, Detective Farden asked for the letter from you about the third camera he needs it for court. Can you write something up?

-----Original Message-----
From: Monzione, Pam
Sent: Monday, June 06, 2016 3:24 PM
To: 'Eric Johnson'
Cc: Farden, Jason

Subject: FW: Everett Ave
Importance: High

Hi Eric,

The Defense Attorney for a case took this photo of Everett Ave and Chestnut. He has already received the DVDS from the 2 cameras that work. He wants us to preserve evidence from the 3rd camera. If I am not mistaken, the 3rd camera was the Quick Deploy that doesn't work. Am I correct? Which camera doesn't work? Can you write something on your letterhead explaining about the third camera, so the detective can take it to court. Thanks/Pam

-----Original Message-----
From: mpc3503@coc.gov<mailto:mpc3503@coc.gov><mailto:mpc3503@coc.gov> [mailto:mpc3503@coc.gov]
Sent: Monday, June 06, 2016 3:16 PM
To: Monzione, Pam
Subject: Everett Ave

This E-mail was sent from "RNP002673B8670F" (MP C3503).

Scan Date: 06.06.2016 15:16:09 (-0400)
Queries to: mpc3503@coc.gov<mailto:mpc3503@coc.gov><mailto:mpc3503@coc.gov>
<20160606151610117.pdf>
<leiva motion.pdf>

<image001.jpg>

From: Mary Milligan <mmilligan@lan-tel.com>
Sent: Tuesday, August 16, 2016 11:52 AM EDT
To: deirdre.habershaw@boston.gov
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Jeff Bodio <Jeff Bodio <jeffb@lan-tel.com>>
Subject: July CIMS Billing
Attachment(s): "9915324.pdf","July 2016 CIMS Backup.xlsx"

Please see the attached invoice (9915324) and backup for CIMS work completed in July 2016.
Feel free to reach out to me for any additional information.
Thanks
Mare

LAN-TEL
COMMUNICATIONS, INC.

Mare Milligan
Accounting Specialist
1400 Providence Highway, Suite 3100
Norwood, MA 02062
Phone: 781.352.4717
Fax: 781.551.8667
Mmilligan@lan-tel.com
www.lan-tel.com

From: Eamon Miller <eamon.miller@boston.gov>
Sent: Wednesday, August 17, 2016 12:41 PM EDT
To: Allan Alpert <Allan Alpert <aalpert@chelseama.gov>>; Brenda Jones <Brenda Jones <brenda.jones@boston.gov>>; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <DAMahoney@cambridgefire.org>>; Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Glenn Turner <Glenn Turner <gturner@cambridgefire.org>>; Harry Cataldo <Harry Cataldo <harold.cataldo@pd.boston.gov>>; John Condon <John Condon <jcondon@stonewallsolutions.com>>; John Cowhig <John Cowhig <JCowhig@chelseama.gov>>; John Surette <John Surette <John.surette@pd.boston.gov>>; Joseph Brooks <Joseph Brooks <joseph.brooks@boston.gov>>; Ken Pitts <Ken Pitts <KPitts@cambridge911.org>>; mike kiely <mike kiely <Mkiely@police.somerville.ma.us>>; Mike Saltzman <Mike Saltzman <michael.saltzman@state.ma.us>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Steven Ford <Steven Ford <SFord@reverepolice.org>>
Subject: Interisle Contract Official

Hi all,

Interisle is officially back under contract. We are still waiting for the City of Boston to approve FTG's. As discussed at last week's meeting, once FTG is under contract I will schedule a time for the two vendors to meet and start sharing information. In the meantime, please refer any PsNet related issues to Chuck and his team.

Thanks,
Eamon

--

Eamon Miller
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: Turner, Glenn <GTurner@CambridgeFire.Org>
Sent: Wednesday, August 17, 2016 2:07 PM EDT
To: Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>; Allan Alpert <Allan Alpert <aalpert@chelseama.gov>>; Brenda Jones <Brenda Jones <brenda.jones@boston.gov>>; Christopher Major < Christopher Major <cmajor@somervillema.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Mahoney, David A; Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Harry Cataldo <Harry Cataldo <harold.cataldo@pd.boston.gov>>; John Condon < John Condon <jcondon@stonewallsolutions.com>>; John Cowhig <John Cowhig <JCowhig@chelseama.gov>>; John Surette <John Surette <John.surette@pd.boston.gov>>; Joseph Brooks <Joseph Brooks <joseph.brooks@boston.gov>>; Pitts, Ken; mike kiely < mike kiely <Mkiely@police.somerville.ma.us>>; Mike Saltzman <Mike Saltzman <michael.saltzman@state.ma.us>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Maywalt, Stephen; Steven Ford <Steven Ford <SFord@reverepolice.org>>
Subject: RE: Interisle Contract Official

Thanks Eamon!

From: Eamon Miller [mailto:eamon.miller@boston.gov]
Sent: Wednesday, August 17, 2016 12:42 PM
To: Allan Alpert <aalpert@chelseama.gov>; Brenda Jones <brenda.jones@boston.gov>; Christopher Major <cmajor@somervillema.gov>; Dan Rothman <dan.rothman@boston.gov>; Mahoney, David A <DAMahoney@CambridgeFire.Org>; Eric Johnson <EJohnson@lan-tel.com>; Turner, Glenn <GTurner@CambridgeFire.Org>; Harry Cataldo <harold.cataldo@pd.boston.gov>; John Condon <jcondon@stonewallsolutions.com>; John Cowhig <JCowhig@chelseama.gov>; John Surette <John.surette@pd.boston.gov>; Joseph Brooks <joseph.brooks@boston.gov>; Pitts, Ken <KPitts@Cambridge911.Org>; mike kiely <Mkiely@police.somerville.ma.us>; Mike Saltzman <michael.saltzman@state.ma.us>; Robert Verdone <RVerdone@chelseama.gov>; Scott Wilder <swilder@brooklinema.gov>; Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>; Stan Reichgott <sreichgott@brooklinema.gov>; Maywalt, Stephen <SMaywalt@CambridgePolice.Org>; Steven Ford <SFord@reverepolice.org>
Subject: Interisle Contract Official

Hi all,

Interisle is officially back under contract. We are still waiting for the City of Boston to approve FTG's. As discussed at last week's meeting, once FTG is under contract I will schedule a time for the two vendors to meet and start sharing information. In the meantime, please refer any PsNet related issues to Chuck and his team.

Thanks,
Eamon

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Eamon Miller
Regional Planner

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Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, August 17, 2016 3:16 PM EDT
To: Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>
CC: Allan Alpert <Allan Alpert <aalpert@chelseama.gov>>; Brenda Jones <Brenda Jones <brenda.jones@boston.gov>>; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Dan Rothman < Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <DAMahoney@cambridgefire.org>>; Glenn Turner <Glenn Turner <gturner@cambridgefire.org>>; Harry Cataldo <Harry Cataldo <harold.cataldo@pd.boston.gov>>; John Condon <John Condon <jcondon@stonewallsolutions.com>>; John Cowhig <John Cowhig <JCowhig@chelseama.gov>>; John Surette < John Surette <John.surette@pd.boston.gov>>; Joseph Brooks <Joseph Brooks <joseph.brooks@boston.gov>>; Ken Pitts <Ken Pitts <KPitts@cambridge911.org>>; mike kiely <mike kiely <Mkiely@police.somerville.ma.us>>; Mike Saltzman <Mike Saltzman <michael.saltzman@state.ma.us>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Steven Ford <Steven Ford <SFord@reverepolice.org>>
Subject: Re: Interisle Contract Official

Received

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Aug 17, 2016, at 12:42 PM, Eamon Miller <eamon.miller@boston.gov> wrote:

> Hi all,
>
> Interisle is officially back under contract. We are still waiting for the City of Boston to approve FTG's. As discussed at last week's meeting, once FTG is under contract I will schedule a time for the two vendors to meet and start sharing information. In the meantime, please refer any PsNet related issues to Chuck and his team.
>
> Thanks,
> Eamon
>
> --
>
> **Eamon Miller**
> **Regional Planner**
>
> **Office of Emergency Management (OEM)**
> Boston City Hall, Room 204 | Boston, MA 02201
> Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: Cowhig, John <JCowhig@chelseama.gov>
Sent: Wednesday, August 17, 2016 3:17 PM EDT
To: Eamon Miller <'Eamon Miller' <eamon.miller@boston.gov>>; Alpert, Allan; Brenda Jones <Brenda Jones <brenda.jones@boston.gov>>; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <DAMahoney@cambridgefire.org>>; Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Glenn Turner <Glenn Turner <gturner@cambridgefire.org>>; Harry Cataldo <Harry Cataldo <harold.cataldo@pd.boston.gov>>; John Condon <John Condon <jcondon@stonewallsolutions.com>>; John Surette <John Surette <John.surette@pd.boston.gov>>; Joseph Brooks <Joseph Brooks <joseph.brooks@boston.gov>>; Ken Pitts <Ken Pitts <KPitts@cambridge911.org>>; mike kiely <mike kiely <Mkiely@police.somerville.ma.us>>; Mike Saltzman <Mike Saltzman <michael.saltzman@state.ma.us>>; Verdone, Robert; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Steven Ford <Steven Ford <SFord@reverepolice.org>>
Subject: RE: Interisle Contract Official

Thank you.

Sgt. John A. Cowhig
Chelsea Police Department
19 Park Street
Chelsea, MA 02150

(617) 466-4809 (Office)
(617) 466-4854 (Fax)

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The information contained in this electronic communication is intended to be sent only to the stated recipient and may contain information that is CONFIDENTIAL, privileged or otherwise protected from disclosure under applicable law . If the reader of this message is NOT the intended recipient or the intended recipient's agent, you are hereby notified that any dissemination, distribution or copying of the information is strictly prohibited. If you are not the intended recipient, please contact the sender and delete all copies.

From: Eamon Miller [mailto:eamon.miller@boston.gov]
Sent: Wednesday, August 17, 2016 12:42 PM
To: Alpert, Allan; Brenda Jones; Christopher Major; Dan Rothman; David Mahoney; Eric Johnson; Glenn Turner; Harry Cataldo; John Condon; Cowhig, John; John Surette; Joseph Brooks; Ken Pitts; mike kiely; Mike Saltzman; Verdone, Robert; Scott Wilder; Shawn Romanoski; Stan Reichgott; Stephen Maywalt; Steven Ford
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Eamon

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Eamon Miller
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Friday, August 19, 2016 2:45 PM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: Villa Victoria
Attachment(s): "Villa Victoria proposal FINAL.pdf","Villa Victoria proposal FINAL REVISED 1.pdf"

Here are the quotes for Villa Victoria

Thanks
Eric

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Monday, August 22, 2016 10:36 AM EDT
To: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Monzione, Pam
Subject: IV&C "Quick Deploy" Cameras

Hi Eric and Pam,

It has come to my attention that one of the mobile cameras that OEM purchased for Chelsea in June of 2014 was disposed of without my knowledge. I need to determine which of the two cameras this was. OEM is required to report the dispossession of Homeland Security purchased equipment to the state on an annual basis.

I may be able to determine through process of elimination which camera this was if Chelsea or Lan-tel Communications can provide the serial number of the camera that is still in circulation.

Please let me know if you have any questions.

--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, August 22, 2016 10:39 AM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
CC: Monzione, Pam
Subject: Re: IV&C "Quick Deploy" Cameras

Deirdre I went thorough my inventory over weekend we have a couple of these in my possession we did hold on to them . We did not throw out

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Aug 22, 2016, at 10:37 AM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:

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> Deirdre Habershaw
> Project Director
> Mayor's Office of Emergency Management
> One City Hall Square, Rm 204
> 617-635-1400

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, August 22, 2016 10:49 AM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
CC: Monzione, Pam
Subject: Re: IV&C "Quick Deploy" Cameras

We will have to go to site and look inside since I can only access Willow st modem camera via encoder and that was not original encoder since we had to retrofit

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

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> Deirdre Habershaw
> Project Director
> Mayor's Office of Emergency Management
> One City Hall Square, Rm 204
> 617-635-1400

From: deirdre.habershaw@boston.gov <deirdre.habershaw@boston.gov>
Sent: Monday, August 22, 2016 10:59 AM EDT
To: ejohnson@Lan-Tel.com <ejohnson@Lan-Tel.com>; PMonzione@chelseama.gov <PMonzione@chelseama.gov>
Subject: UASI Quick Deploy - Invitation to edit

Deirdre Habershaw has invited you to **edit** the following spreadsheet:

- UASI Quick Deploy

Eric, Please update the "Status Column" with any IV&C cameras in your possession. I will be reaching out to all the stakeholders to do the same.

Open in Sheets

This is a courtesy copy of an email for your record only. It's not the same email your collaborators received.
Click here to learn more.

From: Chuck Wade <Chuck@Interisle.net>
Sent: Tuesday, August 23, 2016 7:14 PM EDT
To: Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Scott Wilder <Scott Wilder <SWilder@BrooklineMA.gov>>
CC: Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Glenn Turner <Glenn Turner <GTurner@CambridgeFire.org>>; Fred Goldstein <Fred Goldstein <Fred@Interisle.net>>; Colin Strutt <Colin Strutt <Colin@Interisle.net>>
Subject: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed
Attachment(s): "smime.p7s"

Folks,

I'm just noting that the BridgeWave 80G radio at 35 Northampton that shoots to Schroeder Plaza failed today at about 12:20. It might have lost power, or it could be failure of the actual unit, but the confirmed problem is that both network connections (one fiber, the other copper) are currently showing as down.

This is not unexpected, as this radio has been too flaky to use for the past few months. I've had the routing metrics set high enough that traffic would only flow over this link if we lost all other connectivity to 35 Northampton.

While we haven't been using this microwave link for a while, it is still an important direct connection between two strategically vital sites. The 35 Northampton site handles a substantial number of CIMS cameras from multiple feeder sites, and provides backbone microwave links to Quincy HS, the JFK Building, and Egleston Tower (Walnut Park). We also maintain a link to the Office of the Chief Medical Examiner (OCME) from 35 Northampton, and we have a backup path to the Transit Police via microwave.

My recommendation would be to replace this microwave link with something that would be reliable. It does not need to be a Gbps link like the BridgeWave, but we do need at least 200 Mbps to handle the CIMS traffic, and >400 Mbps would be desirable.

There is a BoNet connection to 35 Northampton, but we have lost this BoNet connection several times in the past, and when we did, we relied on the BridgeWave link to keep things working. Also, PSnet has only a single connection into BoNet at Schroeder Plaza, so having a second path to the PSnet backbone via 35 Northampton helps maintain connectivity to Schroeder Plaza.

...Chuck
--

Chuck Wade, Principal
Interisle Consulting Group
+1 508 435-3050 Office
+1 508 277-6439 Mobile
www.interisle.net

From: Scott Wilder <swilder@brooklinema.gov>
Sent: Wednesday, August 24, 2016 8:47 AM EDT
To: Chuck Wade <Chuck Wade <Chuck@Interisle.net>>; Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>
CC: Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Glenn Turner <Glenn Turner <GTurner@CambridgeFire.org>>; Fred Goldstein <Fred Goldstein <Fred@Interisle.net>>; Colin Strutt < Colin Strutt <Colin@Interisle.net>>
Subject: RE: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed

My thoughts ;

Chuck , you mention Bo Net fiber is located at that location, and that connection has been lost in the past, would it make sense to see if Bo Net can repair the fiber path, until a new microwave can be installed?
Could we also get a ball price on what the new hardware & installation would cost?

Eric,
Are cameras down because of this? or are they running on an alternate path?

Eamon – could we see if we have funding available – maybe from Cisms , since this seems to be a main camera hub, to get this replaced ?

Thanks,
Scott

Officer Scott Wilder
Director of Technology
Brookline Police Department
350 Washington Street
Brookline, MA. 02445-6800
Office : 617-730-2259
swilder@brooklinema.gov

From: Chuck Wade [mailto:Chuck@Interisle.net]
Sent: Tuesday, August 23, 2016 7:15 PM
To: Eamon Miller; Brenda Jones; Scott Wilder
Cc: Eric Johnson; Glenn Turner; Fred Goldstein; Colin Strutt
Subject: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed
Importance: High

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From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, August 24, 2016 9:36 AM EDT
To: Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>
CC: Chuck Wade <Chuck Wade <Chuck@Interisle.net>>; Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Glenn Turner <Glenn Turner <GTurner@CambridgeFire.org>>; Fred Goldstein <Fred Goldstein <Fred@Interisle.net>>; Colin Strutt < Colin Strutt <Colin@Interisle.net>>
Subject: Re: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed

I believe it is rerouted through network

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Aug 24, 2016, at 8:48 AM, Scott Wilder <swilder@brooklinema.gov> wrote:

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> Scott
>
> **Officer Scott Wilder**
> **Director of Technology**
> **Brookline Police Department**
> **350 Washington Street**
> **Brookline, MA. 02445-6800**
> **Office : 617-730-2259**
> **swilder@brooklinema.gov**
>
> ---
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CC: Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Chuck Wade <Chuck Wade <Chuck@interisle.net>>; Brenda Jones <Brenda Jones <Brenda.Jones@boston.gov>>; Glenn Turner <Glenn Turner <GTurner@cambridgefire.org>>; Fred Goldstein <Fred Goldstein <Fred@interisle.net>>; Colin Strutt <Colin Strutt <Colin@interisle.net>>
Subject: Re: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed

We would need some idea of cost to see if we can pull from either PsNet and/or CIMS funding. If we are considering asking BoNet to repair the fiber path, do we want to pull in Dan Rothman?

On Wed, Aug 24, 2016 at 9:36 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:

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>
> Eric Johnson
> Project Manager
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> 1400 Providence Highway, Suite 2000
> Norwood, MA 02062
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Eamon Miller
Regional Planner

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From: Chuck Wade <Chuck@Interisle.net>
Sent: Wednesday, August 24, 2016 12:14 PM EDT
To: Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>
CC: Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Glenn Turner <Glenn Turner <GTurner@CambridgeFire.org>>; Fred Goldstein <Fred Goldstein <Fred@Interisle.net>>; Colin Strutt <Colin Strutt <Colin@Interisle.net>>
Subject: Re: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed
Attachment(s): "smime.p7s"

Scott,

To be clear, the BoNet fiber connection to 35 Northampton is working fine. I was just noting that having an alternative microwave path to this site has been useful in the past when we've had either fiber problems or BoNet issues with PSnet connectivity to 35 Northampton. I was also noting that having a direct connection out of Schroeder Plaza into a major PSnet backbone site is useful for backing up the one connection that PSnet has into BoNet at Schroeder Plaza.

Overall, the importance of this link is that it provides a strategically significant backup path between Schroeder Plaza and 35 Northampton. Having a working microwave path would substantially enhance resilience for the entire MBHSR region.

Fred and I have discussed multiple options we could use for replacing this microwave link. The link distance is only 1.29 km (4,248 ft), so this is not a difficult microwave shot. In summary, our options are:

1. Repair the existing 80 GHz BridgeWave radios.
    - This presumes the manufacturer would agree to repair them.
    - Note, we might find that the problem that caused the 35 Northampton radio to fail could be as simple as a dead power supply, but the problems with this pair of radios run much deeper than just a bad power supply.
    - We would need to get a quote from the manufacturer before I can offer an estimate of repair cost. My ball park estimate (i.e., guess) would be around $2k, or $1k per radio. It could be much more.
2. Replace the BridgeWave radios with new 80 GHz radios from BridgeWave or a competitor.
    - The problem with this approach is that our experience has been that the 80 GHz band suffers from too much rain fade, so this will continue to be a problem if we stick with this band.
    - The primary advantage of staying with the 80 GHz band is that we could continue to use the regional FCC license for this band.
    - If we stuck with BridgeWave, a new replacement pair appears to cost about $15k, but there would likely be some add-ons we might need or want to acquire. The total capital costs could easily approach $20k. (Aside, the original cost for this pair of radios was in excess of $30k)
    - Other manufacturers might be much less expensive, perhaps closer to $10k per pair. This would require further research.
    - Given our experiences with the 80 GHz band, and the apparent cost, this is not a recommended approach.
3. Replace the BridgeWave radios with 23 GHz radios
    - Given the relatively short distance of this link, the 23 GHz band should perform well in all but the most intensive rain showers. Barring hurricanes, we might see 2 to 3 brief outages per year due to rain fade.
    - We would require a new FCC license for this link. Estimated licensing costs would be around $2k.
    - DragonWave is our current vendor for radios operating in this band. A pair of new radios would cost about $13k, but we would need to include another $2k - 4k for software keys to enable speeds above 10 Mbps. These radios can now support 1 Gbps, but at the cost of upgrade keys.
    - An alternative manufacturer is SAF, who has gained a very solid reputation. A pair of 23 GHz "Integra" radios with integrated 2' (60 cm) antennas would cost around $10k. However, SAF does not play any games with upgrade keys to enable higher speeds. Maximum speed is currently 1 Gbps, but we might choose to operate at a lower bit rate.
4. Replace the BridgeWave radios with 18 GHz radios
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Sent: Thursday, August 25, 2016 10:24 AM EDT
To: Allan Alpert <Allan Alpert <aalpert@chelseama.gov>>; Brenda Jones <Brenda Jones <brenda.jones@boston.gov>>; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <DAMahoney@cambridgefire.org>>; Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Glenn Turner <Glenn Turner <gturner@cambridgefire.org>>; Harry Cataldo <Harry Cataldo <harold.cataldo@pd.boston.gov>>; John Cowhig <John Cowhig <JCowhig@chelseama.gov>>; John Surette <John Surette <John.surette@pd.boston.gov>>; Joseph Brooks <Joseph Brooks <joseph.brooks@boston.gov>>; Ken Pitts <Ken Pitts <KPitts@cambridge911.org>>; mike kiely <mike kiely <Mkiely@police.somerville.ma.us>>; Mike Saltzman <Mike Saltzman <michael.saltzman@state.ma.us>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Steven Ford <Steven Ford <SFord@reverepolice.org>>; Reardon, Gerry
Subject: Fwd: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed
Attachment(s): "smime.p7s"

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Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

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Sent: Thursday, August 25, 2016 10:39 AM EDT
To: Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>; Allan Alpert <Allan Alpert <aalpert@chelseama.gov>>; Brenda Jones <Brenda Jones <brenda.jones@boston.gov>>; Christopher Major < Christopher Major <cmajor@somervillema.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney < David Mahoney <DAMahoney@cambridgefire.org>>; Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Glenn Turner <Glenn Turner <gturner@cambridgefire.org>>; Harry Cataldo <Harry Cataldo <harold.cataldo@pd.boston.gov>>; John Cowhig <John Cowhig <JCowhig@chelseama.gov>>; John Surette < John Surette <John.surette@pd.boston.gov>>; Joseph Brooks <Joseph Brooks <joseph.brooks@boston.gov>>; Ken Pitts <Ken Pitts <KPitts@cambridge911.org>>; mike kiely <mike kiely <Mkiely@police.somerville.ma.us>>; Mike Saltzman <Mike Saltzman <michael.saltzman@state.ma.us>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Reardon, Gerry
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Lt. Steven Ford
781-286-8335
www.reverepolice.org
http://www.facebook.com/ReverePoliceDept
@reverepolice on Twitter

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Sent: Thursday, August 25, 2016 10:25 AM
To: Allan Alpert; Brenda Jones; Christopher Major; Dan Rothman; David Mahoney; Eric Johnson; Glenn Turner; Harry Cataldo; John Cowhig; John Surette; Joseph Brooks; Ken Pitts; mike kiely; Mike Saltzman; Robert Verdone; Scott Wilder; Shawn Romanoski; Stan Reichgott; Stephen Maywalt; Ford Lt Steven; Reardon, Gerry
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From: Stan Reichgott <sreichgott@brooklinema.gov>
Sent: Thursday, August 25, 2016 10:53 AM EDT
To: Ford Lt Steven <Ford Lt Steven <sford@reverepolice.org>>; Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>; Allan Alpert <Allan Alpert <aalpert@chelseama.gov>>; Brenda Jones <Brenda Jones <brenda.jones@boston.gov>>; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Dan Rothman < Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <DAMahoney@cambridgefire.org>>; Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Glenn Turner < Glenn Turner <gturner@cambridgefire.org>>; Harry Cataldo <Harry Cataldo <harold.cataldo@pd.boston.gov>>; John Cowhig <John Cowhig <JCowhig@chelseama.gov>>; John Surette < John Surette <John.surette@pd.boston.gov>>; Joseph Brooks <Joseph Brooks <joseph.brooks@boston.gov>>; Ken Pitts <Ken Pitts <KPitts@cambridge911.org>>; mike kiely <mike kiely <Mkiely@police.somerville.ma.us>>; Mike Saltzman <Mike Saltzman <michael.saltzman@state.ma.us>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Reardon, Gerry
Subject: RE: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed

The only question I might entertain concerns one of Chuck's comments in the 4 th option (2nd bullet): "One reason for considering the 18 GHz option would be if we run into too many conflicts with other 23 GHz users in the area. Define "too many conflicts" – how many other 23 GHz users are there in that area and what is the probability of "too many conflicts?"

Stan Reichgott
Technology & Systems Analysis
Brookline Fire Department
Office: 617.730.2262 | Mobile: 617.987.1027
sreichgott@brooklinema.gov

From: Ford Lt Steven [mailto:sford@reverepolice.org]
Sent: Thursday, August 25, 2016 10:40 AM
To: Eamon Miller; Allan Alpert; Brenda Jones; Christopher Major; Dan Rothman; David Mahoney; Eric Johnson; Glenn Turner; Harry Cataldo; John Cowhig; John Surette; Joseph Brooks; Ken Pitts; mike kiely; Mike Saltzman; Robert Verdone; Scott Wilder; Shawn Romanoski; Stan Reichgott; Stephen Maywalt; Reardon, Gerry
Subject: RE: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed

I would have to agree with option 3 as long as it won't be a crazy delay in licensing.

Lt. Steven Ford
781-286-8335
www.reverepolice.org
http://www.facebook.com/ReverePoliceDept
@reverepolice on Twitter

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From: Eamon Miller [mailto:eamon.miller@boston.gov]
Sent: Thursday, August 25, 2016 10:25 AM
To: Allan Alpert; Brenda Jones; Christopher Major; Dan Rothman; David Mahoney; Eric Johnson; Glenn Turner; Harry Cataldo; John Cowhig; John Surette; Joseph Brooks; Ken Pitts; mike kiely; Mike Saltzman; Robert Verdone; Scott Wilder; Shawn Romanoski; Stan Reichgott; Stephen Maywalt; Ford Lt Steven; Reardon, Gerry
Subject: Fwd: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed

PSNEC Members,

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As always, thank you for your time and input.

Eamon

---------- Forwarded message ----------
From: **Chuck Wade** <Chuck@interisle.net>
Date: Wed, Aug 24, 2016 at 12:14 PM
Subject: Re: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed
To: Scott Wilder <swilder@brooklinema.gov>, Eamon Miller <Eamon.Miller@boston.gov>, Brenda Jones <Brenda.Jones@boston.gov>
Cc: Eric Johnson <EJohnson@lan-tel.com>, Glenn Turner <GTurner@cambridgefire.org>, Fred Goldstein <Fred@interisle.net>, Colin Strutt <Colin@interisle.net>

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necessary expense of taking down the BridgeWave radios. There would also be the cost of installing new radios at both sites, though we would be able to leverage existing cabling. However, at 35 Northampton, we would need to install a new mount (or reuse the unused GigaBeam mount). Finally, there would be labor associated with configuring and integrating new radios into PSnet, and providing management. Our recommendation would be to use LAN-TEL for the physical installation work, as they are quite familiar with both sites. The physical installation for both sites could be done in one day by two experienced installers, including alignment. The configuration and integration labor should cost about $1.6k. The *caveat* is that this presumes no significant problems are encountered with either the installation or configuration/integration work.

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Fred and I will be happy to address further questions or provide more detail if requested.

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Chuck Wade, Principal
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> Thanks,
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>
> **Officer Scott Wilder**
> **Director of Technology**
> **Brookline Police Department**
> **350 Washington Street**
> **Brookline, MA. 02445-6800**
> **Office : 617-730-2259**
> **swilder@brooklinema.gov**
>
> ---
>
> **From:** Chuck Wade [mailto:Chuck@Interisle.net]
> **Sent:** Tuesday, August 23, 2016 7:15 PM
> **To:** Eamon Miller; Brenda Jones; Scott Wilder
> **Cc:** Eric Johnson; Glenn Turner; Fred Goldstein; Colin Strutt
> **Subject:** PSnet: BridgeWave 80GHz radio at 35 Northampton has failed
> **Importance:** High
>
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the Transit Police via microwave.

My recommendation would be to replace this microwave link with something that would be reliable. It does not need to be a Gbps link like the BridgeWave, but we do need at least 200 Mbps to handle the CIMS traffic, and >400 Mbps would be desirable.

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--

Eamon Miller
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: John Surette <john.surette@pd.boston.gov>
Sent: Thursday, August 25, 2016 8:08 PM EDT
To: Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>; Allan Alpert <Allan Alpert <aalpert@chelseama.gov>>; Brenda Jones <Brenda Jones <brenda.jones@boston.gov>>; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <DAMahoney@cambridgefire.org>>; Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Glenn Turner <Glenn Turner <gturner@cambridgefire.org>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; John Cowhig <John Cowhig <JCowhig@chelseama.gov>>; Joseph Brooks <Joseph Brooks <joseph.brooks@boston.gov>>; Ken Pitts <Ken Pitts <KPitts@cambridge911.org>>; mike kiely <mike kiely <Mkiely@police.somerville.ma.us>>; Mike Saltzman <Mike Saltzman <michael.saltzman@state.ma.us>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Steven Ford <Steven Ford <SFord@reverepolice.org>>; Reardon, Gerry
Subject: RE: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed

Good Evening,

Bonet is at BPD HQ.
Bonet is at 35 Northampton Street.
DoIT is making big strides in keeping Bonet operating at a level that support public safety needs.

In my opinion this link should not replaced as we look to removing microwave links across Boston and utilizing in place Bonet to perform this backhaul, especially where this link is connecting locations that are served by Bonet.

This is a lot of money for a new microwave shot (that should go, to link to jurisdiction that needs it) and time (min 30 days) to license this new microwave.

Thank you,

-John

John Surette
Telecommunications Division
Boston Police Department
617-343-4620

From: Eamon Miller [mailto:eamon.miller@boston.gov]
Sent: Thursday, August 25, 2016 10:25 AM
To: Allan Alpert; Brenda Jones; Christopher Major; Dan Rothman; David Mahoney; Eric Johnson; Glenn Turner; Harry Cataldo; John Cowhig; John Surette; Joseph Brooks; Ken Pitts; mike kiely; Mike Saltzman; Robert Verdone; Scott Wilder; Shawn Romanoski; Stan Reichgott; Stephen Maywalt; Steven Ford; Reardon, Gerry
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> **Brookline Police Department**
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Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: Turner, Glenn <GTurner@CambridgeFire.Org>
Sent: Monday, August 29, 2016 6:09 AM EDT
To: Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Ford Lt Steven <Ford Lt Steven <sford@reverepolice.org>>; Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>; Allan Alpert < Allan Alpert <aalpert@chelseama.gov>>; Brenda Jones <Brenda Jones <brenda.jones@boston.gov>>; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Mahoney, David A; Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Harry Cataldo <Harry Cataldo <harold.cataldo@pd.boston.gov>>; John Cowhig <John Cowhig <JCowhig@chelseama.gov>>; John Surette < John Surette <John.surette@pd.boston.gov>>; Joseph Brooks <Joseph Brooks <joseph.brooks@boston.gov>>; Pitts, Ken; mike kiely < mike kiely <Mkiely@police.somerville.ma.us>>; Mike Saltzman <Mike Saltzman <michael.saltzman@state.ma.us>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Maywalt, Stephen; Reardon, Gerry
Subject: Re: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed

Hi All,

I guess the big question I would ask is if this is a critical site according to our group?

Do we want all critical locations to have at least two methods of connecting?

Do we want diverse links? Shouldn't we avoid putting all of our eggs in one basket (all microwave or all BoNet)?

If the standard for critical link locations is to have separate diverse links, we should have a BoNet connection and a microwave connection.

If we deem this location not critical, then don't put the money into the microwave.

Can BoNet provide true redundant links to this site?

Just my two cents. Sorry for the delay in my response.

Glenn Turner

Technical Services Division
Cambridge Fire Department
978-314-1800 [cell]

From: Stan Reichgott <sreichgott@brooklinema.gov>
Sent: Thursday, August 25, 2016 10:53:36 AM
To: Ford Lt Steven; Eamon Miller; Allan Alpert; Brenda Jones; Christopher Major; Dan Rothman; Mahoney, David A; Eric Johnson; Turner, Glenn; Harry Cataldo; John Cowhig; John Surette; Joseph Brooks; Pitts, Ken; mike kiely; Mike Saltzman; Robert Verdone; Scott Wilder; Shawn Romanoski; Maywalt, Stephen; Reardon, Gerry
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Lt. Steven Ford
781-286-8335
www.reverepolice.org

http://www.facebook.com/ReverePoliceDept
@reverepolice on Twitter

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From: Eamon Miller [mailto:eamon.miller@boston.gov]
Sent: Thursday, August 25, 2016 10:25 AM
To: Allan Alpert; Brenda Jones; Christopher Major; Dan Rothman; David Mahoney; Eric Johnson; Glenn Turner; Harry Cataldo; John Cowhig; John Surette; Joseph Brooks; Ken Pitts; mike kiely; Mike Saltzman; Robert Verdone; Scott Wilder; Shawn Romanoski; Stan Reichgott; Stephen Maywalt; Ford Lt Steven; Reardon, Gerry
Subject: Fwd: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed

PSNEC Members,

See the email from Chuck below. The BridgeWave 80 GHz radio at 35 Northampton has failed. Scott and I have already spoken but we need some more information. Chuck has given multiple options to resolve the issue, all of which are pretty expensive. We are trying to get a bit more information on whether this site has mainly just camera traffic or not, so Scott is reaching out to Eric Johnson. I've also added Chief Reardon to weigh in on whether there is radio traffic running through the link or not.

I'm emailing for any input from anyone on the committee on what we should do. Chuck has recommended option 3 on his list SAF 23GHz radios (see below) . Since we do not have a change management system in place yet, we'll use this email chain to gather your opinions the subject matter experts and make a decision.

Radio folks- Do you know what the turnaround time would be to get a new FCC license for the link? I know they are all currently held by Boston. The time frame definitely will have an impact on our decision based on what funding is available.

As always, thank you for your time and input.

Eamon

---------- Forwarded message ----------
From: **Chuck Wade** <Chuck@interisle.net>
Date: Wed, Aug 24, 2016 at 12:14 PM
Subject: Re: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed
To: Scott Wilder <swilder@brooklinema.gov>, Eamon Miller <Eamon.Miller@boston.gov>, Brenda Jones <Brenda.Jones@boston.gov>
Cc: Eric Johnson <EJohnson@lan-tel.com>, Glenn Turner <GTurner@cambridgefire.org>, Fred Goldstein <Fred@interisle.net>, Colin Strutt <Colin@interisle.net>

Scott,
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Overall, the importance of this link is that it provides a strategically significant backup path between Schroeder Plaza and 35 Northampton. Having a working microwave path would substantially enhance resilience for the entire MBHSR region.
Fred and I have discussed multiple options we could use for replacing this microwave link. The link distance is only 1.29 km (4,248 ft), so this is not a difficult microwave shot. In summary, our options are:

1. Repair the existing 80 GHz BridgeWave radios.
    - This presumes the manufacturer would agree to repair them.
    - Note, we might find that the problem that caused the 35 Northampton radio to fail could be as simple as a dead power supply, but the problems with this pair of radios run much deeper than just a bad power supply.
    - We would need to get a quote from the manufacturer before I can offer an estimate of repair cost. My ball park estimate (i.e., guess) would be around $2k, or $1k per radio. It could be much more.
2. Replace the BridgeWave radios with new 80 GHz radios from BridgeWave or a competitor.
    - The problem with this approach is that our experience has been that the 80 GHz band suffers from too much rain fade, so this will continue to be a problem if we stick with this band.
    - The primary advantage of staying with the 80 GHz band is that we could continue to use the regional FCC license for this band.
    - If we stuck with BridgeWave, a new replacement pair appears to cost about $15k, but there would likely be some add-ons

we might need or want to acquire. The total capital costs could easily approach $20k. (Aside, the original cost for this pair of radios was in excess of $30k)
    - Other manufacturers might be much less expensive, perhaps closer to $10k per pair. This would require further research.
    - Given our experiences with the 80 GHz band, and the apparent cost, this is not a recommended approach.

3. Replace the BridgeWave radios with 23 GHz radios

    - Given the relatively short distance of this link, the 23 GHz band should perform well in all but the most intensive rain showers. Barring hurricanes, we might see 2 to 3 brief outages per year due to rain fade.
    - We would require a new FCC license for this link. Estimated licensing costs would be around $2k.
    - DragonWave is our current vendor for radios operating in this band. A pair of new radios would cost about $13k, but we would need to include another $2k - 4k for software keys to enable speeds above 10 Mbps. These radios can now support 1 Gbps, but at the cost of upgrade keys.
    - An alternative manufacturer is SAF, who has gained a very solid reputation. A pair of 23 GHz "Integra" radios with integrated 2' (60 cm) antennas would cost around $10k. However, SAF does not play any games with upgrade keys to enable higher speeds. Maximum speed is currently 1 Gbps, but we might choose to operate at a lower bit rate.

4. Replace the BridgeWave radios with 18 GHz radios

    - This might improve rain fade immunity, but for this short distance, the difference relative to 23 GHz is probably not significant.
    - The licensing issues would be similar to 23 GHz. One reason for considering the 18 GHz option would be if we run into too many conflicts with other 23 GHz users in the area.
    - Costs for DragonWave and SAF models would be similar to the 23 GHz option.

In addition to capital equipment costs, there would be labor costs associated with upgrading this link. At a bare minimum, there is the necessary expense of taking down the BridgeWave radios. There would also be the cost of installing new radios at both sites, though we would be able to leverage existing cabling. However, at 35 Northampton, we would need to install a new mount (or reuse the unused GigaBeam mount). Finally, there would be labor associated with configuring and integrating new radios into PSnet, and providing management. Our recommendation would be to use LAN-TEL for the physical installation work, as they are quite familiar with both sites. The physical installation for both sites could be done in one day by two experienced installers, including alignment. The configuration and integration labor should cost about $1.6k. The *caveat* is that this presumes no significant problems are encountered with either the installation or configuration/integration work.
Our current recommendation would be to deploy SAF 23 GHz Integra radios to replace the BridgeWave link. This is a reasonable cost that we believe is justifiable in terms of improved network resilience. The improvements would benefit the region as a whole, as well as the CIMS and radio system applications.
Fred and I will be happy to address further questions or provide more detail if requested.
...Chuck

Chuck Wade, Principal
Interisle Consulting Group
+1 508 435-3050 Office
+1 508 277-6439 Mobile
www.interisle.net

On 8/24/16 8:47 AM, Scott Wilder wrote:

> My thoughts ;
>
> Chuck , you mention Bo Net fiber is located at that location, and that connection has been lost in the past, would it make sense to see if Bo Net can repair the fiber path, until a new microwave can be installed? Could we also get a ball price on what the new hardware & installation would cost?
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> Eric,
> Are cameras down because of this? or are they running on an alternate path?
>
> Eamon – could we see if we have funding available – maybe from Cisms , since this seems to be a main camera hub, to get this replaced ?
>
> Thanks,
> Scott
>
> **Officer Scott Wilder**
> **Director of Technology**
> **Brookline Police Department**
> **350 Washington Street**
> **Brookline, MA. 02445-6800**
> **Office : 617-730-2259**

swilder@brooklinema.gov

From: Chuck Wade [mailto:Chuck@Interisle.net]
Sent: Tuesday, August 23, 2016 7:15 PM
To: Eamon Miller; Brenda Jones; Scott Wilder
Cc: Eric Johnson; Glenn Turner; Fred Goldstein; Colin Strutt
Subject: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed
Importance: High

Folks,
I'm just noting that the BridgeWave 80G radio at 35 Northampton that shoots to Schroeder Plaza failed today at about 12:20. It might have lost power, or it could be failure of the actual unit, but the confirmed problem is that both network connections (one fiber, the other copper) are currently showing as down.
This is not unexpected, as this radio has been too flaky to use for the past few months. I've had the routing metrics set high enough that traffic would only flow over this link if we lost all other connectivity to 35 Northampton.
While we haven't been using this microwave link for a while, it is still an important direct connection between two strategically vital sites. The 35 Northampton site handles a substantial number of CIMS cameras from multiple feeder sites, and provides backbone microwave links to Quincy HS, the JFK Building, and Egleston Tower (Walnut Park). We also maintain a link to the Office of the Chief Medical Examiner (OCME) from 35 Northampton, and we have a backup path to the Transit Police via microwave.
My recommendation would be to replace this microwave link with something that would be reliable. It does not need to be a Gbps link like the BridgeWave, but we do need at least 200 Mbps to handle the CIMS traffic, and >400 Mbps would be desirable.
There is a BoNet connection to 35 Northampton, but we have lost this BoNet connection several times in the past, and when we did, we relied on the BridgeWave link to keep things working. Also, PSnet has only a single connection into BoNet at Schroeder Plaza, so having a second path to the PSnet backbone via 35 Northampton helps maintain connectivity to Schroeder Plaza.
...Chuck
--

Chuck Wade, Principal
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--

Eamon Miller
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, August 29, 2016 1:57 PM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: IV and C
Attachment(s): "CIMS Quickdeplys.xlsx"

Tis is what I have so far . the others are mounted just have to get to sites

From: Verdone, Robert <RVerdone@chelseama.gov>
Sent: Monday, August 29, 2016 6:33 PM EDT
To: Eamon Miller <'Eamon Miller' <eamon.miller@boston.gov>>; Alpert, Allan; Brenda Jones <Brenda Jones <brenda.jones@boston.gov>>; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <DAMahoney@cambridgefire.org>>; Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Glenn Turner <Glenn Turner <gturner@cambridgefire.org>>; Harry Cataldo <Harry Cataldo <harold.cataldo@pd.boston.gov>>; Cowhig, John; John Surette <John Surette <John.surette@pd.boston.gov>>; Joseph Brooks <Joseph Brooks <joseph.brooks@boston.gov>>; Ken Pitts <Ken Pitts <KPitts@cambridge911.org>>; mike kiely <mike kiely <Mkiely@police.somerville.ma.us>>; Mike Saltzman <Mike Saltzman <michael.saltzman@state.ma.us>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Steven Ford <Steven Ford <SFord@reverepolice.org>>; Reardon, Gerry
Subject: RE: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed

Good afternoon all,

Sorry for the delayed response.

I think this project should be wait listed unless the site is clearly identified as a critical site (as Glenn indicated).

By critical I mean that if this site loses connectivity for more than a few minutes that there would be regional wide-area, multisystem failures. If loss of this site mean we lose a few cameras until BoNet is back online, I think that $10k-$30k could be better prioritized.

My understanding of PSnet is that it is a self-healing, diverse route network, so I don't see why we would lose anything other than the appliances that are locally terminated at this node. (I may be completely wrong)

I feel we could spend $30k replacing a link to a node with no redundant path that is in the same condition as the 80Ghz Bridgewave that has failed.

Rob

Robert A. Verdone
Assistant Director
City of Chelsea
***Emergency* Management**

Desk: (617)-466-4672
24 hr: (617)-466-4662
Cell: (339)-226-1611
Twitter / Facebook

From: Eamon Miller [mailto:eamon.miller@boston.gov]
Sent: Thursday, August 25, 2016 10:25 AM
To: Alpert, Allan; Brenda Jones; Christopher Major; Dan Rothman; David Mahoney; Eric Johnson; Glenn Turner; Harry Cataldo; Cowhig, John; John Surette; Joseph Brooks; Ken Pitts; mike kiely; Mike Saltzman; Verdone, Robert; Scott Wilder; Shawn Romanoski; Stan Reichgott; Stephen Maywalt; Steven Ford; Reardon, Gerry
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> **Officer Scott Wilder**
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> **Brookline Police Department**
> **350 Washington Street**
> **Brookline, MA. 02445-6800**
> **Office : 617-730-2259**
> **swilder@brooklinema.gov**
>
> ---
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> **Sent:** Tuesday, August 23, 2016 7:15 PM
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> **Cc:** Eric Johnson; Glenn Turner; Fred Goldstein; Colin Strutt
> **Subject:** PSnet: BridgeWave 80GHz radio at 35 Northampton has failed
> **Importance:** High
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Eamon Miller
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, August 30, 2016 2:30 PM EDT
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; zpena@genetec.com <zpena@genetec.com>; bhenry@mbta.com <bhenry@mbta.com>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Abhishek Khule <Abhishek Khule <akhule@bphc.org>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Daniel Keeler <Daniel Keeler <daniel.keeler@pd.boston.gov>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis.Medeira@pd.boston.gov <Louis.Medeira@pd.boston.gov>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>; Michael.Sulprizio@boston.gov <Michael.Sulprizio@boston.gov>
Subject: Security Camera Strategy Meeting - 8/31/16
Attachment(s): "Security Camera Strategy Meeting_8-31-16.docx"

Attached is the status update for tomorrow's security camera strategy meeting at 9am.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Brenda Jones <brenda.jones@boston.gov>
Sent: Wednesday, August 31, 2016 2:40 PM EDT
To: Turner, Glenn
CC: Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Ford Lt Steven <Ford Lt Steven <sford@reverepolice.org>>; Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>; Allan Alpert <Allan Alpert <aalpert@chelseama.gov>>; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Mahoney, David A; Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Harry Cataldo <Harry Cataldo <harold.cataldo@pd.boston.gov>>; John Cowhig <John Cowhig <JCowhig@chelseama.gov>>; John Surette <John Surette <John.surette@pd.boston.gov>>; Joseph Brooks <Joseph Brooks <joseph.brooks@boston.gov>>; Pitts, Ken; mike kiely <mike kiely <Mkiely@police.somerville.ma.us>>; Mike Saltzman <Mike Saltzman <michael.saltzman@state.ma.us>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Maywalt, Stephen; Reardon, Gerry
Subject: Re: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed

Hello all,

Thank you for the feedback. In Eamon's absence, here is my response. It is clear that this is not something that can move forward immediately due to cost, and prioritization. Let's continue to flesh this out at a later date. Based on the feedback received, we will stand down for now.

Brenda Jones

Project Director

Office of Emergency Management (OEM)

Boston City Hall, Room 204 | Boston, MA 02201

Phone: 617-635-1400 | Fax: 617-635-2974 | brenda.jones@cityofboston.gov

On Mon, Aug 29, 2016 at 6:09 AM, Turner, Glenn<GTurner@cambridgefire.org> wrote:

> Hi All,
>
> I guess the big question I would ask is if this is a critical site according to our group?
>
> Do we want all critical locations to have at least two methods of connecting?
>
> Do we want diverse links? Shouldn't we avoid putting all of our eggs in one basket (all microwave or all BoNet)?
>
> If the standard for critical link locations is to have separate diverse links, we should have a BoNet connection and a microwave connection.
>
> If we deem this location not critical, then don't put the money into the microwave.
>
> Can BoNet provide true redundant links to this site?
>
> Just my two cents. Sorry for the delay in my response.
>
> Glenn Turner

Technical Services Division

Cambridge Fire Department

978-314-1800 [cell]

From: Stan Reichgott <sreichgott@brooklinema.gov>
Sent: Thursday, August 25, 2016 10:53:36 AM
To: Ford Lt Steven; Eamon Miller; Allan Alpert; Brenda Jones; Christopher Major; Dan Rothman; Mahoney, David A; Eric Johnson; Turner, Glenn; Harry Cataldo; John Cowhig; John Surette; Joseph Brooks; Pitts, Ken; mike kiely; Mike Saltzman; Robert Verdone; Scott Wilder; Shawn Romanoski; Maywalt, Stephen; Reardon, Gerry
Subject: RE: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed

The only question I might entertain concerns one of Chuck's comments in the 4 th option (2nd bullet): "One reason for considering the 18 GHz option would be if we run into too many conflicts with other 23 GHz users in the area. Define "too many conflicts" – how many other 23 GHz users are there in that area and what is the probability of "too many conflicts?"

Stan Reichgott

Technology & Systems Analysis

Brookline Fire Department

Office: 617.730.2262 | Mobile: 617.987.1027

sreichgott@brooklinema.gov

From: Ford Lt Steven [mailto:sford@reverepolice.org]
Sent: Thursday, August 25, 2016 10:40 AM
To: Eamon Miller; Allan Alpert; Brenda Jones; Christopher Major; Dan Rothman; David Mahoney; Eric Johnson; Glenn Turner; Harry Cataldo; John Cowhig; John Surette; Joseph Brooks; Ken Pitts; mike kiely; Mike Saltzman; Robert Verdone; Scott Wilder; Shawn Romanoski; Stan Reichgott; Stephen Maywalt; Reardon, Gerry
Subject: RE: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed

I would have to agree with option 3 as long as it won't be a crazy delay in licensing.

Lt. Steven Ford

781-286-8335

www.reverepolice.org

http://www.facebook.com/ReverePoliceDept

@reverepolice on Twitter

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This message is intended exclusively for the individual or entity to which it is addressed. This communication may contain information that is law enforcement sensitive, proprietary, privileged, confidential and may be legally protected or otherwise exempt from disclosure. If you are not the intended recipient, you are hereby notified that any disclosure, dissemination, copying or distribution of this transmission is strictly prohibited. If you have received this message in error, please notify the sender

immediately by email and immediately delete this message and all of its attachments.

From: Eamon Miller [mailto:eamon.miller@boston.gov]
Sent: Thursday, August 25, 2016 10:25 AM
To: Allan Alpert; Brenda Jones; Christopher Major; Dan Rothman; David Mahoney; Eric Johnson; Glenn Turner; Harry Cataldo; John Cowhig; John Surette; Joseph Brooks; Ken Pitts; mike kiely; Mike Saltzman; Robert Verdone; Scott Wilder; Shawn Romanoski; Stan Reichgott; Stephen Maywalt; Ford Lt Steven; Reardon, Gerry
Subject: Fwd: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed

PSNEC Members,

See the email from Chuck below.The BridgeWave 80 GHz radio at 35 Northampton has failed. Scott and I have already spoken but we need some more information. Chuck has given multiple options to resolve the issue, all of which are pretty expensive. We are trying to get a bit more information on whether this site has mainly just camera traffic or not, so Scott is reaching out to Eric Johnson. I've also added Chief Reardon to weigh in on whether there is radio traffic running through the link or not.

I'm emailing for any input from anyone on the committee on what we should do. Chuck has recommended option 3 on his list SAF 23GHz radios (see below) . Since we do not have a change management system in place yet, we'll use this email chain to gather your opinions the subject matter experts and make a decision.

Radio folks- Do you know what the turnaround time would be to get a new FCC license for the link? I know they are all currently held by Boston. The time frame definitely will have an impact on our decision based on what funding is available.

As always, thank you for your time and input.

Eamon

---------- Forwarded message ----------
From: **Chuck Wade** <Chuck@interisle.net>
Date: Wed, Aug 24, 2016 at 12:14 PM
Subject: Re: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed
To: Scott Wilder <swilder@brooklinema.gov>, Eamon Miller <Eamon.Miller@boston.gov>, Brenda Jones <Brenda.Jones@boston.gov>
Cc: Eric Johnson <EJohnson@lan-tel.com>, Glenn Turner <GTurner@cambridgefire.org>, Fred Goldstein <Fred@interisle.net>, Colin Strutt <Colin@interisle.net>

Scott,

To be clear, the BoNet fiber connection to 35 Northampton is working fine. I was just noting that having an alternative microwave path to this site has been useful in the past when we've had either fiber problems or BoNet issues with PSnet connectivity to 35 Northampton. I was also noting that having a direct connection out of Schroeder Plaza into a major PSnet backbone site is useful for backing up the one connection that PSnet has into BoNet at Schroeder Plaza.

Overall, the importance of this link is that it provides a strategically significant backup path between Schroeder Plaza and 35 Northampton. Having a working microwave path would substantially enhance resilience for the entire MBHSR region.

Fred and I have discussed multiple options we could use for replacing this microwave link. The link distance is only 1.29 km (4,248 ft), so this is not a difficult microwave shot. In summary, our options are:

1. Repair the existing 80 GHz BridgeWave radios.
    - This presumes the manufacturer would agree to repair them.
    - Note, we might find that the problem that caused the 35 Northampton radio to fail could be as simple as a

dead power supply, but the problems with this pair of radios run much deeper than just a bad power supply.
    - We would need to get a quote from the manufacturer before I can offer an estimate of repair cost. My ball park estimate (i.e., guess) would be around $2k, or $1k per radio. It could be much more.

2. Replace the BridgeWave radios with new 80 GHz radios from BridgeWave or a competitor.

    - The problem with this approach is that our experience has been that the 80 GHz band suffers from too much rain fade, so this will continue to be a problem if we stick with this band.
    - The primary advantage of staying with the 80 GHz band is that we could continue to use the regional FCC license for this band.
    - If we stuck with BridgeWave, a new replacement pair appears to cost about $15k, but there would likely be some add-ons we might need or want to acquire. The total capital costs could easily approach $20k. (Aside, the original cost for this pair of radios was in excess of $30k)
    - Other manufacturers might be much less expensive, perhaps closer to $10k per pair. This would require further research.
    - Given our experiences with the 80 GHz band, and the apparent cost, this is not a recommended approach.

3. Replace the BridgeWave radios with 23 GHz radios

    - Given the relatively short distance of this link, the 23 GHz band should perform well in all but the most intensive rain showers. Barring hurricanes, we might see 2 to 3 brief outages per year due to rain fade.
    - We would require a new FCC license for this link. Estimated licensing costs would be around $2k.
    - DragonWave is our current vendor for radios operating in this band. A pair of new radios would cost about $13k, but we would need to include another $2k - 4k for software keys to enable speeds above 10 Mbps. These radios can now support 1 Gbps, but at the cost of upgrade keys.
    - An alternative manufacturer is SAF, who has gained a very solid reputation. A pair of 23 GHz "Integra" radios with integrated 2' (60 cm) antennas would cost around $10k. However, SAF does not play any games with upgrade keys to enable higher speeds. Maximum speed is currently 1 Gbps, but we might choose to operate at a lower bit rate.

4. Replace the BridgeWave radios with 18 GHz radios

    - This might improve rain fade immunity, but for this short distance, the difference relative to 23 GHz is probably not significant.
    - The licensing issues would be similar to 23 GHz. One reason for considering the 18 GHz option would be if we run into too many conflicts with other 23 GHz users in the area.
    - Costs for DragonWave and SAF models would be similar to the 23 GHz option.

In addition to capital equipment costs, there would be labor costs associated with upgrading this link. At a bare minimum, there is the necessary expense of taking down the BridgeWave radios. There would also be the cost of installing new radios at both sites, though we would be able to leverage existing cabling. However, at 35 Northampton, we would need to install a new mount (or reuse the unused GigaBeam mount). Finally, there would be labor associated with configuring and integrating new radios into PSnet, and providing management. Our recommendation would be to use LAN-TEL for the physical installation work, as they are quite familiar with both sites. The physical installation for both sites could be done in one day by two experienced installers, including alignment. The configuration and integration labor should cost about $1.6k. The *caveat* is that this presumes no significant problems are encountered with either the installation or configuration/integration work.

Our current recommendation would be to deploy SAF 23 GHz Integra radios to replace the BridgeWave link. This is a reasonable cost that we believe is justifiable in terms of improved network resilience. The improvements would benefit the region as a whole, as well as the CIMS and radio system applications.

Fred and I will be happy to address further questions or provide more detail if requested.

...Chuck

Chuck Wade, Principal
Interisle Consulting Group
+1 508 435-3050 Office
+1 508 277-6439 Mobile
www.interisle.net

On 8/24/16 8:47 AM, Scott Wilder wrote:

> My thoughts ;
>
> Chuck , you mention Bo Net fiber is located at that location, and that connection has been lost in the past, would it make sense to see if Bo Net can repair the fiber path, until a new microwave can be

installed?

Could we also get a ball price on what the new hardware & installation would cost?

Eric,

Are cameras down because of this? or are they running on an alternate path?

Eamon – could we see if we have funding available – maybe from Cisms , since this seems to be a main camera hub, to get this replaced ?

Thanks,

Scott

Officer Scott Wilder

Director of Technology

Brookline Police Department

350 Washington Street

Brookline, MA. 02445-6800

Office : 617-730-2259

swilder@brooklinema.gov

From: Chuck Wade [mailto:Chuck@Interisle.net]
Sent: Tuesday, August 23, 2016 7:15 PM
To: Eamon Miller; Brenda Jones; Scott Wilder
Cc: Eric Johnson; Glenn Turner; Fred Goldstein; Colin Strutt
Subject: PSnet: BridgeWave 80GHz radio at 35 Northampton has failed
Importance: High

Folks,

I'm just noting that the BridgeWave 80G radio at 35 Northampton that shoots to Schroeder Plaza failed today at about 12:20. It might have lost power, or it could be failure of the actual unit, but the confirmed problem is that both network connections (one fiber, the other copper) are currently showing as down.

This is not unexpected, as this radio has been too flaky to use for the past few months. I've had the routing metrics set high enough that traffic would only flow over this link if we lost all other connectivity to 35 Northampton.

While we haven't been using this microwave link for a while, it is still an important direct connection between two strategically vital sites. The 35 Northampton site handles a substantial number of CIMS cameras from multiple feeder sites, and provides backbone microwave links to Quincy HS, the JFK Building, and Egleston Tower (Walnut Park). We also maintain a link to the Office of the Chief Medical Examiner (OCME) from 35 Northampton, and we have a backup path to the Transit Police via microwave.

My recommendation would be to replace this microwave link with something that would be reliable. It does not

need to be a Gbps link like the BridgeWave, but we do need at least 200 Mbps to handle the CIMS traffic, and >400 Mbps would be desirable.

There is a BoNet connection to 35 Northampton, but we have lost this BoNet connection several times in the past, and when we did, we relied on the BridgeWave link to keep things working. Also, PSnet has only a single connection into BoNet at Schroeder Plaza, so having a second path to the PSnet backbone via 35 Northampton helps maintain connectivity to Schroeder Plaza.

...Chuck

--

Chuck Wade, Principal
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--

Eamon Miller

Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, September 13, 2016 12:11 PM EDT
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; zpena@genetec.com <zpena@genetec.com>; bhenry@mbta.com <bhenry@mbta.com>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Abhishek Khule <Abhishek Khule <akhule@bphc.org>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Daniel Keeler <Daniel Keeler <daniel.keeler@pd.boston.gov>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis.Medeira@pd.boston.gov <Louis.Medeira@pd.boston.gov>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>; Michael Sulprizio <Michael Sulprizio <Michael.Sulprizio@boston.gov>>
Subject: Security Camera Strategy Meeting - 9/14
Attachment(s): "Security Camera Strategy Meeting_9-14-16.docx"

Attached is the status report for tomorrow's meeting for review.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Michael Kane <michael.kane@boston.gov>
Sent: Monday, September 19, 2016 8:16 PM EDT
To: richard.reidy@siemens.com <richard.reidy@siemens.com>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Ahmad Rahami's Capture: More Than 8,000 Cameras Helped Snare Bomb Suspect - NBC News

http://www.nbcnews.com/storyline/ny-nj-bombings/more-8-000-cameras-helped-snare-bomb-suspect-ahmad-rahami-n650891

Interesting and timely read especially the last paragraph.

Hope all is well.

Michael Kane
Logistics Section
City of Boston
Office of Emergency Management
617-343-2413
617-895-7215

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, September 19, 2016 8:38 PM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
CC: richard.reidy@siemens.com
Subject: Re: Ahmad Rahami's Capture: More Than 8,000 Cameras Helped Snare Bomb Suspect - NBC News

Thanks Mike NYPD does it right

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
Norwood, MA 02062

Cell: 617-413-2148
Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

On Sep 19, 2016, at 8:16 PM, Michael Kane <michael.kane@boston.gov> wrote:

> http://www.nbcnews.com/storyline/ny-nj-bombings/more-8-000-cameras-helped-snare-bomb-suspect-ahmad-rahami-n650891
>
> Interesting and timely read especially the last paragraph.
>
> Hope all is well.
>
> Michael Kane
> Logistics Section
> City of Boston
> Office of Emergency Management
> 617-343-2413
> 617-895-7215

From: Chuck Wade <Chuck@Interisle.net>
Sent: Tuesday, September 27, 2016 1:12 PM EDT
To: Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Eric Nisbet <Eric Nisbet <ENisbet@LAN-TEL.com>>
CC: Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>; Scott Wilder <Scott Wilder <SWilder@BrooklineMA.gov>>
Subject: PSnet: Connection to ShotSpotter service is down
Attachment(s): "smime.p7s"

Eric, Eric, et al.,

The Comcast Internet connection at Schroeder Plaza is barely working, and is frequently down for many minutes at a time. This problem started at 11:21 this morning. One significant consequence is that the connection to the ShotSpotter service is down, since this relies on an IPsec tunnel that goes via this Comcast connection.

I have notified Jim Fitzpatrick and Brian Barcelou of the problem. I wanted you to be aware of this issue as well, in case any of the CIMS users are affected.

...Chuck
--

Chuck Wade, Principal
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+1 508 277-6439 Mobile
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From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, September 27, 2016 3:00 PM EDT
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; zpena@genetec.com <zpena@genetec.com>; Henry, Brian; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Abhishek Khule <Abhishek Khule <akhule@bphc.org>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Daniel Keeler <Daniel Keeler <daniel.keeler@pd.boston.gov>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis.Medeira@pd.boston.gov <Louis.Medeira@pd.boston.gov>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>; Michael Sulprizio <Michael Sulprizio <Michael.Sulprizio@boston.gov>>
Subject: Security Camera Strategy Meeting Status Report for Tomorrow's Meeting
Attachment(s): "Security Camera Strategy Meeting_9-28-16.docx"

Attached is the status report for tomorrow's meeting.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Mary Milligan <mmilligan@lan-tel.com>
Sent: Wednesday, September 28, 2016 1:23 PM EDT
To: deirdre.habershaw@boston.gov
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Jeff Bodio <Jeff Bodio <jeffb@lan-tel.com>>
Subject: August 2016 CIMS Billing
Attachment(s): "9915536-DOINNOV-9-28-2016-2.PDF","August CIMS Backup 2016.xlsx"

Please see the attached invoice (9915536) and backup for CIMS work completed in August 2016.
Feel free to reach out to me for any additional information.
Thanks
Mare

LAN-TEL
COMMUNICATIONS, INC.

Mare Milligan
Accounting Specialist
1400 Providence Highway, Suite 3100
Norwood, MA 02062
Phone: 781.352.4717
Fax: 781.551.8667
Mmilligan@lan-tel.com
www.lan-tel.com

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, October 05, 2016 10:16 AM EDT
To: Deirdre.Habershaw@cityofboston.gov
Subject: Re: Leiva - request for records

Deirdre
I looked up some things and we did not use CIMS to repair these cameras. We did tihs when we were installing the Chelsea 10 camera project while we were there. Thats why no record on CIMS

From: Eric Johnson
Sent: Monday, August 15, 2016 6:52 PM
To: 'Deirdre.Habershaw@cityofboston.gov'
Subject: FW: Leiva - request for records

From: Eric Johnson
Sent: Friday, August 12, 2016 2:13 PM
To: Kate Waldron <kwaldron@lan-tel.com>
Subject: Fwd: Leiva - request for records

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway, Suite 2000
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Phone: 781-352-4656
Fax: 781-551-8667

ejohnson@lan-tel.com
www.lan-tel.com

Begin forwarded message:

> **From:** "Rimar, Nicole (DAA)" <nicole.rimar@state.ma.us>
> **To:** "'Monzione, Pam'" <PMonzione@chelseama.gov>, "Eric Johnson" <ejohnson@Lan-Tel.com>
> **Cc:** "jfarden@chelseama.gov" <jfarden@chelseama.gov>
> **Subject: Leiva - request for records**
>
> Hi Pam and Eric,
> I produced the information you both gave me to defense counsel, and suggested that he file a motion under rule 17 for a 3 rd party (Boston OEM) to produce records. Yesterday he filed a motion for 3rd party production of records, but to all of the 3 rd parties - - Boston OEM, Chelsea PD, and Lan-Tel. This requires a response directly from you all (and Boston OEM, but I contacted them separately). I've attached the relevant filings – my statement of the case, his original motion, my response, and his rule 17 motion. It is scheduled for a hearing in the 1st session of Suffolk Superior Court on October 13. Pam, I left a voicemail with the City Solicitor, but I wanted to give you a heads up too. Eric, do you have a legal department?
>
> Sincerely,
> Nicole
>
> Nicole Rimar
> Assistant District Attorney
> Gang Unit
> Suffolk County District Attorney's Office
> One Bulfinch Place
> Boston, MA 02114
> (617) 619-4130 (p) / (617) 619-4145 (f)

From: Chuck Wade <Chuck@Interisle.net>
Sent: Thursday, October 06, 2016 11:18 PM EDT
To: Scott Wilder <Scott Wilder <SWilder@BrooklineMA.gov>>; Eamon Miller <Eamon Miller <Eamon.Miller@Boston.gov>>; Brenda Jones <Brenda Jones <Brenda.Jones@Boston.gov>>
CC: Mark Savage <Mark Savage <MSavage@LAN-TEL.com>>; Jim Rex <Jim Rex <JRex@LAN-TEL.com>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>; Colin Strutt <Colin Strutt <Colin@Interisle.net>>; Fred Goldstein <Fred Goldstein <Fred@Interisle.net>>
Subject: PSnet: Status update on JFK site
Attachment(s): "smime.p7s"

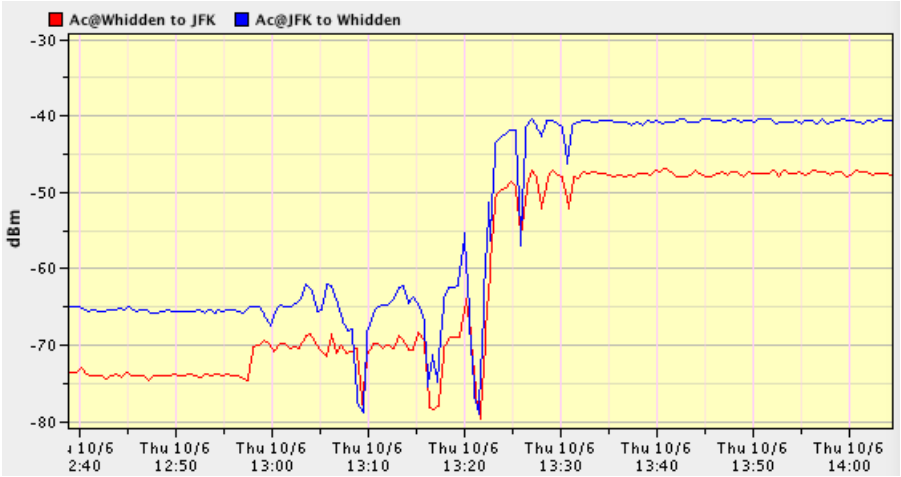
Scott, et al.,

Mark Savage, Jim Rex and I worked at the JFK site this afternoon between noon and 4:30, and we were able to resolve many of the issues with this site. In a nutshell, we set out to restore full operation to three microwave links, and we achieved this primary objective. Specifically, we...

- Aligned DragonWave AirPair 200 microwave link to Whidden Hospital achieving receive levels close to the equipment design norm. A +25 dBm improvement was achieved in signal levels. This will dramatically improve the reliability of this link and tolerance for precipitation.
- Aligned DragonWave Horizon 200 microwave link to Winthrop PD. In this case, there were problems with frozen alignment bolts and rusted mounting brackets that prevented us from meeting the expected receive levels, although the signal levels were improved considerably (+10 dBm improvement).
- Restored DragonWave AirPair 200 radio link to Broadway Tower in Revere. This radio had been rebooting every minute or so, and we confirmed our prior diagnosis that this was a flaky power supply. However, there is a secondary problem with this radio that we could not get the Ethernet connection to the radio to operate at 1 Gbps. I was able to force it to operate at 100 Mbps, so this is the current link speed (instead of the 200 Mbps rated speed). However, this is adequate for this link at this time, and way better than nothing.
- Replaced the failed Digital Loggers PDU with a new Tripp Lite PDU with ATS. This not only gives us the ability to remotely power cycle microwave radios and other equipment, it also allows us to utilize two independent power feeds, so that something like a tripped circuit breaker will not take down the site. This new PDU also has the latest firmware installed on the management card, so we can start evaluating how well the new firmware addresses the serious problems we've had with these cards.
- Cables, power supplies, and other crud left over from older camera microwave links that have been shifted to other sites was removed. This leaves us with a much less cluttered equipment rack. This also shut down some very old 5 GHz radios that were adding to the already high RF noise levels in the busy downtown area.

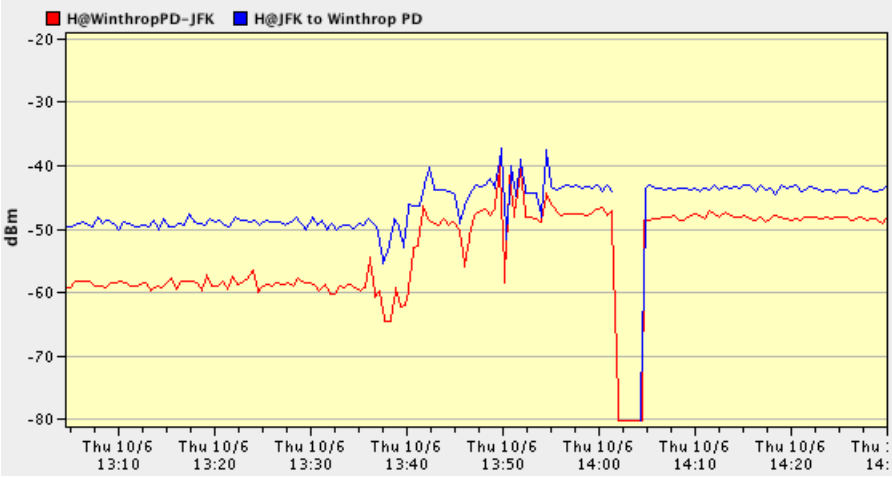
At this point, all five backbone microwave links off the JFK site are fully operational. This will significantly improve network resilience and tolerance to stormy weather conditions.

To illustrate the alignment improvements made, the following chart shows the change achieved for the JFK to Whidden link:



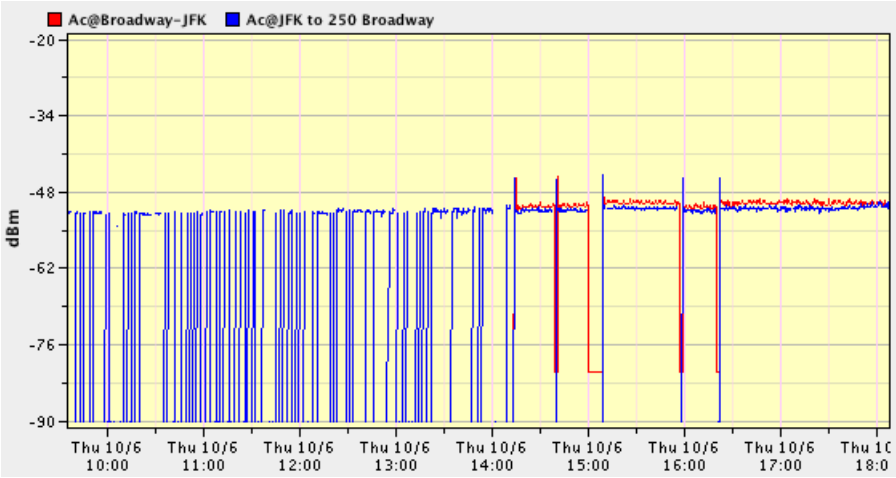
Overall, this represents a 25 dBm improvement in receive levels (since dBm is a logarithmic scale, this is a huge increase). Ideally the receive levels for both radios should be about the same, but there is a 7 dBm difference for this link. We might be able to balance this by performing another alignment at the Whidden end, but this difference could also just be due to the age of the radios themselves.

For the JFK to Winthrop link, the improvements as shown below were not as substantial:



In this case, we only achieved about a 10 dBm improvement. This is because the misalignment is in the vertical plane, and we could not free up the vertical alignment bolt. We should probably replace this radio mount so it can be aligned properly. We'll be looking into this. Jim and Mark also determined that the bolts holding the bracket for the pipe this radio is mounted on are badly rusted and loose. They were able to tighten this up a bit, but this is one of those mounting arrangements that was originally done in a substandard manner. For the record, the drop off in receive levels just after 14:00 was due to moving the power connection over to the new PDU. While not as good as we'd like, this is still much better than where we were.

Finally, here is the equivalent chart for the link from JFK to Broadway Tower:



In this chart, the time scale is longer. As can be seen, prior to 14:00, the radio was constantly rebooting, which is why the receive levels are bouncing. After we replaced the power supply, the radio link began to behave normally, and the radio is no longer rebooting. The dropouts that occurred after 14:30 were due to some rewiring we did to clean up the power connection. This link has been solid since then.

However, we also had the problem with the Ethernet data link to this radio. Several attempts to rewire the Ethernet connection at the switch end did not restore this interface, although I was able to later get it working at 100 Mbps. This could well be due to weathered cable on the roof, or a problem with the lightning arrestor.

In addition to the professional work performed by Mark and Jim, we also owe a big tip of the hat to FPS staff for allowing us to get onto this site on short notice, and for hanging around to provide an escort while we did this work. Security procedures have become noticeably more strict, and access restrictions tighter, for this facility. We were quite fortunate to get this opportunity to do this work on an emergency basis.

...Chuck
--

Chuck Wade, Principal
Interisle Consulting Group
+1 508 435-3050 Office
+1 508 277-6439 Mobile
www.interisle.net

From: Eamon Miller <eamon.miller@boston.gov>
Sent: Friday, October 07, 2016 12:37 PM EDT
To: mcobb@ftgtechnologies.com <mcobb@ftgtechnologies.com>; Allan Alpert <Allan Alpert <aalpert@chelseama.gov>>; Brenda Jones <Brenda Jones <brenda.jones@boston.gov>>; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Chuck Wade <Chuck Wade <chuck@interisle.net>>; Colin Strutt <Colin Strutt <Colin@interisle.net>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <DAMahoney@cambridgefire.org>>; Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Fred Goldstein <Fred Goldstein <fred@interisle.net>>; Glenn Turner <Glenn Turner <gturner@cambridgefire.org>>; Harry Cataldo <Harry Cataldo <harold.cataldo@pd.boston.gov>>; John Cowhig <John Cowhig <JCowhig@chelseama.gov>>; John Surette <John Surette <John.surette@pd.boston.gov>>; Joseph Brooks <Joseph Brooks <joseph.brooks@boston.gov>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Ken Pitts <Ken Pitts <KPitts@cambridge911.org>>; mike kiely <mike kiely <Mkiely@police.somerville.ma.us>>; Mike Saltzman <Mike Saltzman <michael.saltzman@state.ma.us>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Sean Doherty <Sean Doherty <sdoherty@ftgtechnologies.com>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Steven Ford <Steven Ford <SFord@reverepolice.org>>
Subject: Fwd: PSnet: Status update on JFK site
Attachment(s): "smime.p7s"

Chuck,
Thank you to you and the folks at Lan-Tel for the quick turnaround on the desperately needed work at JFK. I'm pleased that we have finally addressed these issues. Scott is going to follow up with Curt Wood re: a possible move to Ashburton.

I forward this note to the Executive Committee so everyone is in the loop. We look forward to hearing about the other tasks assigned to Interisle and FTG earlier this week:

- Work at the JFK Site (Completed- Thank you)
- Highest Administrative passwords to Scott (Completed Thank you)
- Full Access to FTG for network exploration and education
- EBHS Work by FTG
- Testing of new firmware at Cambridge EOC with both vendors/OEM present (please let us know when this is scheduled)
- List of UPS devices needing assistance to FTG.

I will check in next week on what progress has been made.

Committee members- If I have missed anything, please feel free to reply all.

Thanks again,
Eamon

---------- Forwarded message ----------
From: **Chuck Wade** <Chuck@interisle.net>
Date: Thu, Oct 6, 2016 at 11:18 PM
Subject: PSnet: Status update on JFK site
To: Scott Wilder <SWilder@brooklinema.gov>, Eamon Miller <Eamon.Miller@boston.gov>, Brenda Jones <Brenda.Jones@boston.gov>
Cc: Mark Savage <MSavage@lan-tel.com>, Jim Rex <JRex@lan-tel.com>, Eric Johnson <EJohnson@lan-tel.com>, Colin Strutt <Colin@interisle.net>, Fred Goldstein <Fred@interisle.net>

Scott, et al.,

Mark Savage, Jim Rex and I worked at the JFK site this afternoon between noon and 4:30, and we were able to resolve many of the issues with this site. In a nutshell, we set out to restore full operation to three microwave links, and we achieved this primary objective. Specifically, we...

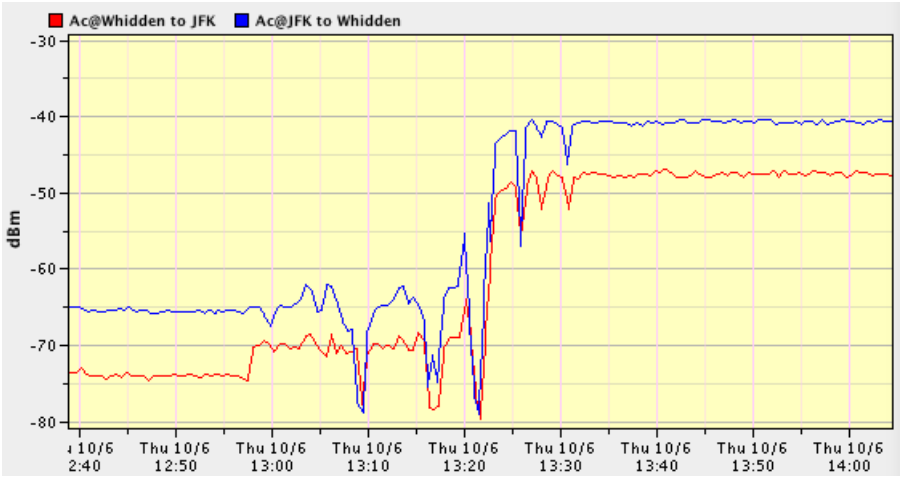
- Aligned DragonWave AirPair 200 microwave link to Whidden Hospital achieving receive levels close to the equipment design norm. A +25 dBm improvement was achieved in signal levels. This will dramatically improve the reliability of this link and tolerance for precipitation.
- Aligned DragonWave Horizon 200 microwave link to Winthrop PD. In this case, there were problems with frozen alignment bolts and rusted mounting brackets that prevented us from meeting the expected receive levels, although the signal levels were improved considerably (+10 dBm improvement).
- Restored DragonWave AirPair 200 radio link to Broadway Tower in Revere. This radio had been rebooting every minute or so, and we confirmed our prior diagnosis that this was a flaky power supply. However, there is a secondary problem with this radio that we could not get the Ethernet connection to the radio to operate at 1 Gbps. I was able to force it to operate at 100 Mbps, so this is the current link speed (instead of the 200 Mbps rated speed). However, this is adequate for this link at this time, and way better than nothing.
- Replaced the failed Digital Loggers PDU with a new Tripp Lite PDU with ATS. This not only gives us the ability to

remotely power cycle microwave radios and other equipment, it also allows us to utilize two independent power feeds, so that something like a tripped circuit breaker will not take down the site. This new PDU also has the latest firmware installed on the management card, so we can start evaluating how well the new firmware addresses the serious problems we've had with these cards.

- Cables, power supplies, and other crud left over from older camera microwave links that have been shifted to other sites was removed. This leaves us with a much less cluttered equipment rack. This also shut down some very old 5 GHz radios that were adding to the already high RF noise levels in the busy downtown area.

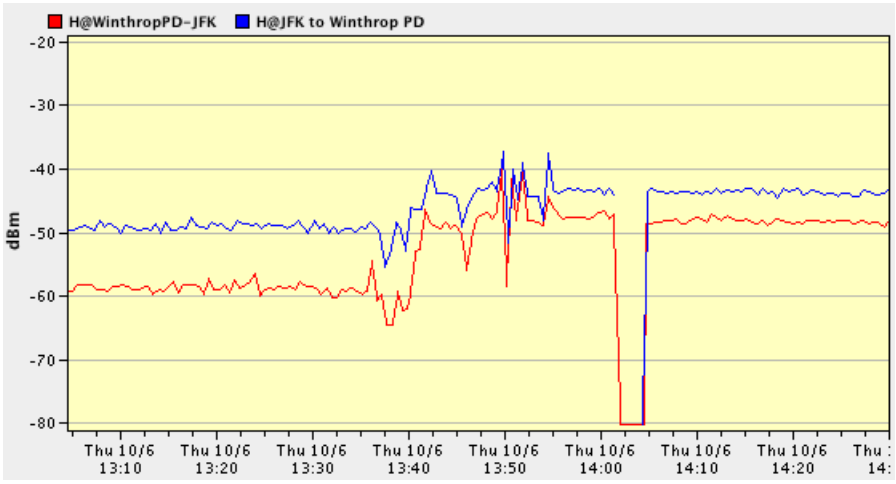
At this point, all five backbone microwave links off the JFK site are fully operational. This will significantly improve network resilience and tolerance to stormy weather conditions.

To illustrate the alignment improvements made, the following chart shows the change achieved for the JFK to Whidden link:



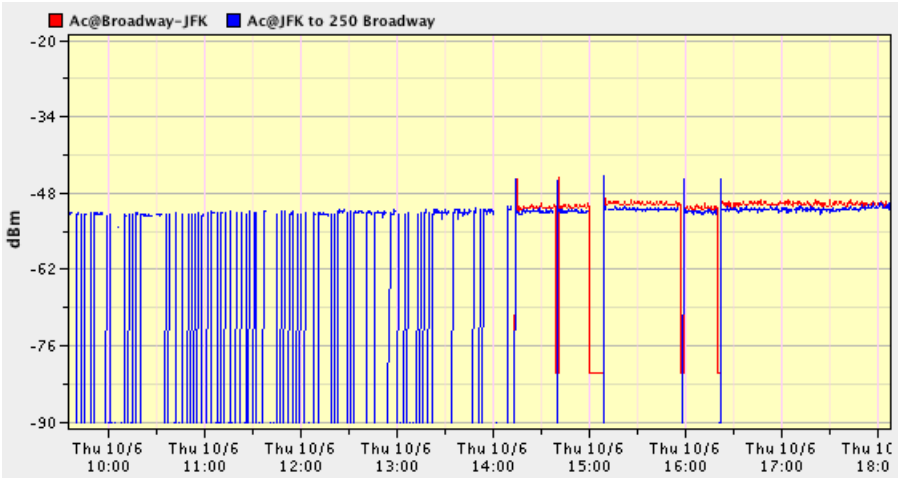
Overall, this represents a 25 dBm improvement in receive levels (since dBm is a logarithmic scale, this is a huge increase). Ideally the receive levels for both radios should be about the same, but there is a 7 dBm difference for this link. We might be able to balance this by performing another alignment at the Whidden end, but this difference could also just be due to the age of the radios themselves.

For the JFK to Winthrop link, the improvements as shown below were not as substantial:



In this case, we only achieved about a 10 dBm improvement. This is because the misalignment is in the vertical plane, and we could not free up the vertical alignment bolt. We should probably replace this radio mount so it can be aligned properly. We'll be looking into this. Jim and Mark also determined that the bolts holding the bracket for the pipe this radio is mounted on are badly rusted and loose. They were able to tighten this up a bit, but this is one of those mounting arrangements that was originally done in a substandard manner. For the record, the drop off in receive levels just after 14:00 was due to moving the power connection over to the new PDU. While not as good as we'd like, this is still much better than where we were.

Finally, here is the equivalent chart for the link from JFK to Broadway Tower:



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...Chuck
--

Chuck Wade, Principal
Interisle Consulting Group
+1 508 435-3050 Office
+1 508 277-6439 Mobile
www.interisle.net

--

Eamon Miller
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: Michael Kane <michael.kane@boston.gov>
Sent: Tuesday, October 11, 2016 2:10 PM EDT
To: David Silipigni <David Silipigni <Davids@hiq.com>>
CC: Jason MacDonald <Jason MacDonald <jason.macdonald.bfd@cityofboston.gov>>; Ryan mcgovern <Ryan mcgovern <ryan.mcgovern@boston.gov>>; Vin Stancato <Vin Stancato <vstancato@lan-tel.com>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>
Subject: Fwd: MK: PC For FIRE ALARM -HIQ Contract PO number is 672413

David-

Can you expedite this PO for delivery to Fire Alarm?

Thanks,

Mike
---------- Forwarded message ----------
From: **Deirdre Habershaw** <deirdre.habershaw@boston.gov>
Date: Tue, Oct 11, 2016 at 2:07 PM
Subject: Re: MK: PC For FIRE ALARM -HIQ Contract and PO# Request
To: Jason MacDonald <jason.macdonald@boston.gov>
Cc: Michael Kane <michael.kane@boston.gov>, Gerard Bonaceto <gerard.bonaceto@boston.gov>, Jason MacDonald <jason.macdonald.bfd@cityofboston.gov>

Hi All,

Just FYI the PO number is 672413. Thank you Gerard for getting the contract back on track and getting this order placed to HiQ.

Best,
Deirdre

On Mon, Oct 3, 2016 at 4:39 PM, Jason MacDonald<jason.macdonald@boston.gov> wrote:

> That's great to hear thanks much appreciated
>
> Have a great day All.
>
>
>
> ***Jason MacDonald***
> Boston *Fire* Department
> Information Technology
> Fire Alarm Division
> 617-343-2903 (*office*)
> 617-908-0487 (*mobile*)
> Jason.MacDonald@boston.gov
>
> *If you are not the named addressee you should not disseminate, distribute or copy this e-mail.*
> *Privileged and Confidential information contained in this message may be subject to legal privilege. Access to this e-mail by anyone other than the intended is unauthorized.*
>
> On Oct 3, 2016, at 4:32 PM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:
>
>> Gerard and I spoke and it should be all set.
>>
>> On Mon, Oct 3, 2016 at 4:21 PM, Michael Kane<michael.kane@boston.gov> wrote:
>>
>>> Deirdre-
>>>
>>> Were you able to pass that PO number over to Gerard?
>>>
>>> Thanks,
>>>
>>> Mike

On Thu, Sep 29, 2016 at 3:14 PM, Michael Kane<michael.kane@boston.gov> wrote:

Unfortunately that is not it I will get the PO from Deirdre on her return.

Thanks for trying Gerard.

Mike

On Thu, Sep 29, 2016 at 3:03 PM, Gerard Bonaceto<gerard.bonaceto@boston.gov> wrote:

I think this is the one. I've given HIQ authorization to proceed with the order., The contract is still 2-3 days away from being approved. I'll try to get an idea of delivery.

Gerard

On Thu, Sep 29, 2016 at 11:06 AM, Michael Kane<michael.kane@boston.gov> wrote:

Deirdre -

When you get back in the office can you send Gerard in purchasing the PO number for the second fire workstation. I spoke with Gerard and he expects the HIQ citywide contract to be finalized by early next week since it is under legal review.

Once that happens Gerard will try to expedite our request and get this po resolved.

Superintendent Clifford and Jason-

Hope to have this resolved by Oct.7th.

Thanks,

Mike

On Wed, Aug 3, 2016 at 11:49 AM, Deirdre Habershaw<deirdre.habershaw@boston.gov> wrote:

FYI, I spoke to Jason and we are getting to the bottom of this. Thanks.

On Wed, Aug 3, 2016 at 9:24 AM, Michael Kane<michael.kane@boston.gov> wrote:

Jason,

I believe it went to PO and have a call into Deirdre, hope to have an update soon.

Mike

On Wed, Aug 3, 2016 at 8:51 AM, Jason MacDonald<jason.macdonald.bfd@cityofboston.gov> wrote:

Hello,

I know you have been on vacation, I hope it was fun.

Can I get an update on when we should be receiving the PC for Fire Alarm?

The Fire Commissioner is inquiring and I would like to be able to give him an answer.

Than you and have a great day

Jason MacDonald

Boston *Fire* Department

Information Technology
Fire Alarm Division
617-343-2903 (*office*)
617-908-0487 (*mobile*)
Jason.MacDonald@boston.gov

This message contains confidential information and is intended only for the individual or entity named above. If you are not the named addressee you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. E-mail transmissions cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or omissions or for any loss or damage arising from the use of this e-mail or attachments. If verification is required please request a hard-copy version.

--
Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

--
Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
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85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

--
Deirdre Habershaw
Project Director

Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

--

Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, October 11, 2016 4:27 PM EDT
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; Henry, Brian; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Abhishek Khule <Abhishek Khule <akhule@bphc.org>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Daniel Keeler <Daniel Keeler <daniel.keeler@pd.boston.gov>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis.Medeira@pd.boston.gov <Louis.Medeira@pd.boston.gov>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>; Michael Sulprizio <Michael Sulprizio <Michael.Sulprizio@boston.gov>>
Subject: Security Camera Strategy Meeting Status Update for Tomorrow's Meeting
Attachment(s): "Security Camera Strategy Meeting_10-12-16.docx"

See attached updates. Talk to you tomorrow at 9am.

Regards,
Linda

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Michael Kane <michael.kane@boston.gov>
Sent: Thursday, October 13, 2016 11:44 AM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Vin Stancato <Vin Stancato <vstancato@lan-tel.com>>
Subject: Fwd: Vendor for Mayor's Video Dashboard

FYI let's talk about this

Michael Kane
Logistics Section
City of Boston
Office of Emergency Management
617-343-2413
617-895-7215

Begin forwarded message:

> **From:** Linda Calnan <linda.calnan@boston.gov>
> **Date:** October 13, 2016 at 11:27:58 EDT
> **To:** Michael Kane <michael.kane@boston.gov>
> **Subject: Vendor for Mayor's Video Dashboard**
>
> Hi Mike - hope all is well. I have a new project to research a new vendor(s) to replace the current one to support/maintain the Mayor's video dashboard. The current vendor is Ockers. Dan suggested I contact you because of the video wall you have and to obtain who you use for maintenance.
>
> Let's chat when you can on this. Thanks.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Thursday, October 13, 2016 12:59 PM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
CC: Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>
Subject: Re: Vendor for Mayor's Video Dashboard

Thanks Mike I want to introduce you to our new hire Steve Sullivan this is right up his alley

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway
Building #3, Suite 3100
Norwood, MA 02062

Cell: **617-413-2148**
Phone: 800- 551-8599
Fax: 781-551-8667

ejohnson@lan-tel.com

www.lan-tel.com

On Oct 13, 2016, at 11:45 AM, Michael Kane <michael.kane@boston.gov> wrote:

> FYI let's talk about this
>
> Michael Kane
> Logistics Section
> City of Boston
> Office of Emergency Management
> 617-343-2413
> 617-895-7215
>
> Begin forwarded message:
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> > **From:** Linda Calnan <linda.calnan@boston.gov>
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> >
> >
> >
> > **Linda Calnan**
> > **Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston**
> >
> > 1 City Hall Square, Room 109
> > Boston, MA 02201
> > D: 617-635-2875
> > C: 781-738-2020
> > linda.calnan@boston.gov

From: Michael Kane <michael.kane@boston.gov>
Sent: Thursday, October 13, 2016 1:15 PM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: Vendor for Mayor's Video Dashboard

Ok

Michael Kane
Logistics Section
City of Boston
Office of Emergency Management
617-343-2413
617-895-7215

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>
> Respectfully ,
>
> Eric Johnson
> Project Manager
> Lan-Tel Communications
> 1400 Providence Highway
> Building #3, Suite 3100
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> > **Date:** October 13, 2016 at 11:27:58 EDT
> > **To:** Michael Kane <michael.kane@boston.gov>
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> >
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1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Mary Milligan <mmilligan@lan-tel.com>
Sent: Friday, October 14, 2016 12:03 PM EDT
To: deirdre.habershaw@boston.gov
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Jeff Bodio <Jeff Bodio <jeffb@lan-tel.com>>; Dennis Drain <Dennis Drain <ddrain@lan-tel.com>>
Subject: September 2016 CIMS Billing
Attachment(s): "9915573-DOINNOV-10-14-2016-2.pdf","September2016 CIMS Backup.xlsx"

Please see the attached invoice (9915573) and backup for CIMS work completed in September 2016.
Feel free to reach out to me for any additional information.
Thanks
Mare

LAN-TEL
COMMUNICATIONS, INC.

Mare Milligan
Accounting Specialist
1400 Providence Highway, Suite 3100
Norwood, MA 02062
Phone: 781.352.4717
Fax: 781.551.8667
Mmilligan@lan-tel.com
www.lan-tel.com

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Friday, October 14, 2016 1:55 PM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: Invoices and Villa Victoria

Deirdre
I was wondering if I could chat with you today quick on a couple of things ?

Respectfully ,

Eric Johnson
Project Manager
Lan-Tel Communications
1400 Providence Highway
Building #3, Suite 3100
Norwood, MA 02062

Cell: **617-413-2148**
Phone: 800- 551-8599
Fax: 781-551-8667

ejohnson@lan-tel.com

www.lan-tel.com

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Tuesday, October 18, 2016 12:44 PM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: Invoices and Villa Victoria

Hi Eric,
FYI, your mailbox is full. Give me a call when you have a few minutes. I may be out of the office between 1 and, but otherwise I should be at my desk.

On Fri, Oct 14, 2016 at 1:55 PM, Eric Johnson<ejohnson@lan-tel.com> wrote:

> Deirdre
> I was wondering if I could chat with you today quick on a couple of things ?
>
> Respectfully ,
>
> Eric Johnson
> Project Manager
> Lan-Tel Communications
> 1400 Providence Highway
> Building #3, Suite 3100
> Norwood, MA 02062
>
> Cell: **617-413-2148**
> Phone: 800- 551-8599
> Fax: 781-551-8667
>
> **ejohnson@lan-tel.com**
>
> **www.lan-tel.com**

--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, October 25, 2016 4:48 PM EDT
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; Henry, Brian; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>; Michael Sulprizio <Michael Sulprizio <Michael.Sulprizio@boston.gov>>
Subject: Security Camera Strategy Meeting Status Report - 10/26/16
Attachment(s): "Security Camera Strategy Meeting_10-26-16.docx"

Attached is the status report we will review for tomorrow's security camera meeting.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

Security Camera Strategy
Status Meeting – 10/26/16

Time: Wednesday, 10/26/2016, 9:00AM – 10:00AM (Back to bi-weekly schedule. Next meeting = 11/9/2016)

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 – BONET team completed final cleanup of network area and secured cabinets.** Outstanding item: PO & payment for (emergency) microwave link ($7288) – invoice provided to procurement-8/17**. (**Fiber connectivity to BONET - Continue to wait on contract or approval to move forward.)

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

- **BRA/BTD – 12 Channel/12 Dry Dock** – 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.

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

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

- **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. -** RFP awarded. In final stages of contract completion.

- **BFD – Headquarters and Fire alarm – Same update - mistake with PO corrected at OEM and**

workstation to be shipped - 2nd workstation being shipped.

- **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 BTD = 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**.**

- **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/Louie managing. Pilot in progress.

Critical Task:

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

Security Camera Strategy
Status Meeting – 10/26/16

II. On regular bi-weekly schedule.

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

From: Eamon Miller <eamon.miller@boston.gov>
Sent: Friday, October 28, 2016 4:05 PM EDT
To: mcobb@ftgtechnologies.com <mcobb@ftgtechnologies.com>; Allan Alpert <Allan Alpert <aalpert@chelseama.gov>>; Andrade Kayla <Andrade Kayla <kayla@stonewallsolutions.com>>; Brenda Jones <Brenda Jones <brenda.jones@boston.gov>>; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Chuck Wade <Chuck Wade <chuck@interisle.net>>; Colin Strutt <Colin Strutt <Colin@interisle.net>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <DAMahoney@cambridgefire.org>>; Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Fred Goldstein <Fred Goldstein <fred@interisle.net>>; Glenn Turner <Glenn Turner <gturner@cambridgefire.org>>; Harry Cataldo <Harry Cataldo <harold.cataldo@pd.boston.gov>>; John Condon <John Condon <jcondon@stonewallsolutions.com>>; John Cowhig <John Cowhig <JCowhig@chelseama.gov>>; John Surette <John Surette <John.surette@pd.boston.gov>>; Joseph Brooks <Joseph Brooks <joseph.brooks@boston.gov>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Ken Pitts <Ken Pitts <KPitts@cambridge911.org>>; mike kiely <mike kiely <Mkiely@police.somerville.ma.us>>; Mike Saltzman <Mike Saltzman <michael.saltzman@state.ma.us>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Sean Doherty <Sean Doherty <sdoherty@ftgtechnologies.com>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Steven Ford <Steven Ford <SFord@reverepolice.org>>
Subject: Fwd: Communications Interoperability Staffing Update

Good Afternoon PSNEC Members,

Please see the note below from Rene Fielding re: David Menzies.

Thank you,
Eamon
---------- Forwarded message ----------
From: **Rene Fielding** <rene.fielding@boston.gov>
Date: Fri, Oct 28, 2016 at 3:44 PM
Subject: Communications Interoperability Staffing Update
To: Gerald Reardon <Greardon@cambridgefire.org>, Kelly Nee <kelly.nee@pd.boston.gov>, "Kyes, Brian" <BKyes@chelseama.gov>, Michael Kiely <mkiely@police.somerville.ma.us>, Chief Paul E Flanagan <pflanagan@town.winthrop.ma.us>, "Lt. Robert Gillan" <rgillan@quincyma.gov>, "James R. Guido" <jguido@reverepolice.org>, doleary@brooklinema.gov, Tony Carli <tony.carli@cityofeverett.org>
Cc: Brenda Jones <brenda.jones@boston.gov>, Deirdre Habershaw <deirdre.habershaw@boston.gov>, Eamon Miller <eamon.miller@boston.gov>, Nancy Anderson <nancy.anderson@boston.gov>, Sarah Eig <sarah.eig@boston.gov>, Emma DeSimone <emma.desimone@boston.gov>, Nancy Nee <nancy.nee@boston.gov>

Good Afternoon JPOCs,

Effective October 27, 2016, Trillium Technical LLC, formerly Atlantic Associates has elected to terminate its contract with David Menzies, the MBHSR CIS technical consultant and as of the effective date is no longer in contract with Trillium. Please cease all MBHSR/UASI related communications, access and work requests.
I f you have any immediate project concerns, please let us know.

The Boston Office of Emergency Management is working to retrieve UASI-funded equipment Mr. Menzies has in his possession. If you know of any UASI-funded equipment he may have, please notify Eamon Miller at eamon.miller@boston.gov.

Regards,
Rene

--

Eamon Miller
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: John Surette <john.surette@pd.boston.gov>
Sent: Tuesday, November 01, 2016 11:20 AM EDT
To: ejohnson@lan-tel.com <ejohnson@lan-tel.com>
CC: shawn.romanoski@pd.boston.gov <shawn.romanoski@pd.boston.gov>; deirdre.habershaw@boston.gov <deirdre.habershaw@boston.gov>
Subject: CIMs Equipment

Good morning,

Can you provide a list of any CIMs sites that are co located with any cell providers in Boston?

Do you have to open the door or fence at any of these sites?

Thank you,

John

Sent from my iPhone

From: Michael Kane <michael.kane@boston.gov>
Sent: Friday, November 04, 2016 8:31 AM EDT
To: Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Vin Stancato <Vin Stancato <vstancato@lan-tel.com>>
CC: Ronald Bashista <Ronald Bashista <ronald.bashista@boston.gov>>; Rich Perito <Rich Perito <richard.perito@boston.gov>>; DeSimone, Emma; John Cunniffe <John Cunniffe <john.cunniffe@pd.boston.gov>>
Subject: MK:EOC Activation Tuesday November 8 1800-0100

Hi Louis-

Just wanted to see if there is an election day camera salvo in the works that I should test out on Monday?

We just got the BPD computers back in house yesterday after reimaging and all is working well.

Mike

--
Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Louis Madeira <louis.madeira@pd.boston.gov>
Sent: Friday, November 04, 2016 10:03 AM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
CC: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Vin Stancato <Vin Stancato <vstancato@lan-tel.com>>; Ronald Bashista <Ronald Bashista <ronald.bashista@boston.gov>>; Rich Perito <Rich Perito <richard.perito@boston.gov>>; DeSimone, Emma; John Cunniffe <John Cunniffe <john.cunniffe@pd.boston.gov>>
Subject: Re: MK:EOC Activation Tuesday November 8 1800-0100

Hi Mike,
There will not be a salvo as there are multiple voting locations throughout the city. Unless you have any intelligence that would provide a known route for potential protestors, it would be easier for you to open and view a desired camera should the need arise.

Police Officer Lou Madeira
Boston Police Department
Bureau of Administration and Technologies
Telecommunications Division
(617) 991-6672

Sent from my IPhone

On Nov 4, 2016, at 8:31 AM, Michael Kane <michael.kane@boston.gov> wrote:

> Hi Louis-
>
> Just wanted to see if there is an election day camera salvo in the works that I should test out on Monday?
>
> We just got the BPD computers back in house yesterday after reimaging and all is working well.
>
> Mike
>
> --
> **Michael Kane**
> **Logistics Section Coordinator**
> **Office of Emergency Management (OEM)**
> 85 Bragdon Street | Boston, MA 02201
> Phone: 617-343-2413| Cell: 617-895-7215
> michael.kane@boston.gov

From: Jason MacDonald <jason.macdonald.bfd@cityofboston.gov>
Sent: Tuesday, November 08, 2016 2:35 PM EST
To: Linda Calnan <Linda Calnan <linda.calnan@boston.gov>>
CC: Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>; Michael Sulprizio <Michael Sulprizio <Michael.Sulprizio@boston.gov>>
Subject: Re: Security Camera Strategy Meeting Status Report - 10/26/16

We got the PC!!

Just waiting on the Monitors.

Lou, Whenever you have time we can set it up - I know you are out of the office or going we can do it after.

I will use the monitors I have for now.

I assume we will still plan to use Bonet, Brett is there anything you need me to do before hand ?

Thanks everyone for your help, Mike Kane especially for staying on top of this and getting it done. Much appreciated

Jason MacDonald
Boston *Fire* Department
Information Technology
Fire Alarm Division
617-343-2903 (*office*)
617-908-0487 (*mobile*)
Jason.MacDonald@boston.gov

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On Tue, Oct 25, 2016 at 4:48 PM, Linda Calnan<linda.calnan@boston.gov> wrote:

> Attached is the status report we will review for tomorrow's security camera meeting.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, November 08, 2016 3:29 PM EST
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; Henry, Brian; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>; Michael Sulprizio <Michael Sulprizio <Michael.Sulprizio@boston.gov>>
Subject: Security Camera Strategy Meeting Status Report - 11/9/16
Attachment(s): "Security Camera Strategy Meeting_11-9-16.docx"

Attached is the status report for tomorrow's Security Camera Strategy meeting.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Saturday, November 12, 2016 4:22 PM EST
Subject: New cell number

As of this Monday I will now be using the below number as my primary cell number:

617-785-8254

Eric Johnson
Security Project Manger
Lan-Tel Communications
(617) 785-8254
ejohnson@lan-tel.com

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Tuesday, November 15, 2016 1:29 PM EST
To: Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Gerald Reardon <Gerald Reardon <Greardon@cambridgefire.org>>; Monzione, Pam; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; Jeffrey Gilmore <Jeffrey Gilmore <jeffrey.gilmore@cityofeverett.org>>; Linda Calnan <Linda Calnan <linda.calnan@boston.gov>>; Michael Kiely <Michael Kiely <mkiely@police.somerville.ma.us>>; Robert Gillan <Robert Gillan <rgillan@quincyma.gov>>; Pepjonovich, Joe; Jguido <Jguido <jguido@reverepolice.org>>; Steven Ford <Steven Ford <sford@reverepolice.org>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>
CC: Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
Subject: BriefCam Demonstration

Hello CIMS Working Group,

I apologize for the last minute nature of this message, but we have finally worked through some scheduling issues and have been able to arrange for a BriefCam demonstration at Lan-tel in Norwood on **Friday at 10am**. If you, or a representative from your organization, is available to join us please let us know. I will create a calendar invite with details. If you aren't able to join us at this time I am sure we can arrange for an additional demonstration in the future.

Best,

--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Mary Milligan <mmilligan@lan-tel.com>
Sent: Thursday, November 17, 2016 11:24 AM EST
To: deirdre.habershaw@boston.gov
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Jeff Bodio <Jeff Bodio <jeffb@lan-tel.com>>; Dennis Drain <Dennis Drain <ddrain@lan-tel.com>>
Subject: October 2016 CIMS Billing
Attachment(s): "9915684-DOINNOV-11-17-2016-2.PDF","October 2016 CIMS Backup.xlsx"

Please see the attached invoice (9915684) and backup for CIMS work completed in October 2016.
Feel free to reach out to me for any additional information.
Thanks
Mare

LAN-TEL
COMMUNICATIONS, INC.

Mare Milligan
Accounting Specialist
1400 Providence Highway, Suite 3100
Norwood, MA 02062
Phone: 781.352.4717
Fax: 781.551.8667
Mmilligan@lan-tel.com
www.lan-tel.com

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Friday, November 18, 2016 8:03 AM EST
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Gerald Reardon <Gerald Reardon <Greardon@cambridgefire.org>>; Monzione, Pam; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; Jeffrey Gilmore <Jeffrey Gilmore <jeffrey.gilmore@cityofeverett.org>>; Linda Calnan <Linda Calnan <linda.calnan@boston.gov>>; Michael Kiely <Michael Kiely <mkiely@police.somerville.ma.us>>; Robert Gillan <Robert Gillan <rgillan@quincyma.gov>>; Pepjonovich, Joe; Jguido <Jguido <jguido@reverepolice.org>>; Steven Ford <Steven Ford <sford@reverepolice.org>>; Louis Madeira < Louis Madeira <louis.madeira@pd.boston.gov>>
CC: Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>; John Grennon <John Grennon <jgrennon@lan-tel.com>>
Subject: RE: BriefCam Demonstration
Attachment(s): "map Lan-Tel.jpg"

Good morning:
Map on where to park. Please enter at rear door . there is more parking spots out back of building.

Thanks!

From: Deirdre Habershaw [mailto:deirdre.habershaw@boston.gov]
Sent: Tuesday, November 15, 2016 1:29 PM
To: Scott Wilder <swilder@brooklinema.gov>; Gerald Reardon <Greardon@cambridgefire.org>; Monzione, Pam <PMonzione@chelseama.gov>; Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>; Harold Cataldo <harold.cataldo@pd.boston.gov>; Jeffrey Gilmore <jeffrey.gilmore@cityofeverett.org>; Linda Calnan <linda.calnan@boston.gov>; Michael Kiely <mkiely@police.somerville.ma.us>; Robert Gillan <rgillan@quincyma.gov>; Pepjonovich, Joe <jpepjonovich@ci.quincy.ma.us>; Jguido <jguido@reverepolice.org>; Steven Ford <sford@reverepolice.org>; Louis Madeira <louis.madeira@pd.boston.gov>
Cc: Eamon Miller <eamon.miller@boston.gov>; Eric Johnson <ejohnson@Lan-Tel.com>
Subject: BriefCam Demonstration

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I apologize for the last minute nature of this message, but we have finally worked through some scheduling issues and have been able to arrange for a BriefCam demonstration at Lan-tel in Norwood on **Friday at 10am**. If you, or a representative from your organization, is available to join us please let us know. I will create a calendar invite with details. If you aren't able to join us at this time I am sure we can arrange for an additional demonstration in the future.

Best,

--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, November 22, 2016 4:10 PM EST
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; Henry, Brian; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>; Michael Sulprizio <Michael Sulprizio <Michael.Sulprizio@boston.gov>>
Subject: Security Camera Strategy Meeting Status Report - 11/23/16
Attachment(s): "Security Camera Strategy Meeting_11-23-16.docx"

Attached is the status report for tomorrow's Security Camera Strategy meeting. Because this meeting is right before the holiday, feel free to dial in if you are able to attend. This will be a quick run through of the projects. Thanks.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Jason MacDonald <jason.macdonald@boston.gov>
Sent: Tuesday, November 29, 2016 11:30 AM EST
To: louis.madeira@pd.boston.gov <louis.madeira@pd.boston.gov>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; John Grennon <John Grennon <jgrennon@lan-tel.com>>
CC: Linda Calnan <Linda Calnan <linda.calnan@boston.gov>>; michael.kane@boston.gov <michael.kane@boston.gov>; deirdre.habershaw@boston.gov <deirdre.habershaw@boston.gov>
Subject: Vidsys

Lou, When ever you have time in your schedule.

I have the PC and monitors for the vidsys system

Ready when you are; I am ready

Thanks everyone for all the help

Jason MacDonald
Boston *Fire* Department
Information Technology
Fire Alarm Division
617-343-2903 (*office*)
617-908-0487 (*mobile*)
Jason.MacDonald@boston.gov

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From: Louis Madeira <louis.madeira@pd.boston.gov>
Sent: Tuesday, November 29, 2016 12:08 PM EST
To: Jason MacDonald <Jason MacDonald <jason.macdonald@boston.gov>>
CC: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Linda Calnan <Linda Calnan <linda.calnan@boston.gov>>; michael.kane@boston.gov; deirdre.habershaw@boston.gov
Subject: Re: Vidsys

Great, I'll get back to you with my schedule. I think the sooner the better.

Police Officer Lou Madeira
Boston Police Department
Bureau of Administration and Technologies
Telecommunications Division
(617) 991-6672

Sent from my IPhone

On Nov 29, 2016, at 11:30 AM, Jason MacDonald <jason.macdonald@boston.gov> wrote:

> Lou, When ever you have time in your schedule.
>
> I have the PC and monitors for the vidsys system
>
> Ready when you are; I am ready
>
> Thanks everyone for all the help

Jason MacDonald
Boston *Fire* Department
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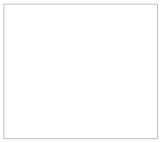
From: Jason MacDonald <jason.macdonald.bfd@cityofboston.gov>
Sent: Tuesday, November 29, 2016 12:13 PM EST
To: Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>
CC: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Linda Calnan <Linda Calnan <linda.calnan@boston.gov>>; michael.kane@boston.gov; deirdre.habershaw@boston.gov
Subject: Re: Vidsys

Sounds great to me



Jason MacDonald
Boston *Fire* Department
Information Technology
Fire Alarm Division
617-343-2903 (*office*)
617-908-0487 (*mobile*)
Jason.MacDonald@boston.gov

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On Tue, Nov 29, 2016 at 12:08 PM, Louis Madeira<louis.madeira@pd.boston.gov> wrote:

> Great, I'll get back to you with my schedule. I think the sooner the better.
>
> Police Officer Lou Madeira
> Boston Police Department
> Bureau of Administration and Technologies
> Telecommunications Division
> (617) 991-6672
>
> Sent from my IPhone
>
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> > Thanks everyone for all the help
>
>
>
> ***Jason MacDonald***
> Boston *Fire* Department
> Information Technology
> Fire Alarm Division
> 617-343-2903 (*office*)
> 617-908-0487 (*mobile*)
> Jason.MacDonald@boston.gov
>
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> ***Access to this e-mail by anyone other than the intended is unauthorized.***
> *The Boston Fire Department accepts no liability for the content of this email, or for the consequences of any actions taken on the basis of the information provided, unless that information is subsequently*

confirmed in writing.
***WARNING**: Computer viruses can be transmitted via email. The recipient should check this email and any attachments for the presence of viruses. The Boston Fire Department accepts no liability for any damage caused by any virus transmitted by this email. [2016]*

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, December 06, 2016 3:54 PM EST
To: Larry Louis <Larry Louis <larry.louis@boston.gov>>; Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; Henry, Brian; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>; Michael Sulprizio <Michael Sulprizio <Michael.Sulprizio@boston.gov>>; Louis.Medeira@pd.boston.gov <Louis.Medeira@pd.boston.gov>
Subject: Security Camera Strategy Meeting - Status Updates
Attachment(s): "Security Camera Strategy Meeting_12-7-16.docx"

Attached are the status updates we will review in tomorrow's meeting.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Mary Milligan <mmilligan@lan-tel.com>
Sent: Wednesday, December 07, 2016 11:14 AM EST
To: deirdre.habershaw@boston.gov
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Jeff Bodio <Jeff Bodio <jeffb@lan-tel.com>>; Dennis Drain <Dennis Drain <ddrain@lan-tel.com>>
Subject: November 2016 CIMS Billing
Attachment(s): "9915798-DOINNOV-12-07-2016-2.PDF","November 2016 CIMS Backup.xlsx"

Please see the attached invoice (9915798) and backup for CIMS work completed in November 2016.
Feel free to reach out to me for any additional information.
Thanks
Mare

LAN-TEL
COMMUNICATIONS, INC.

Mare Milligan
Accounting Specialist
1400 Providence Highway, Suite 3100
Norwood, MA 02062
Phone: 781.352.4717
Fax: 781.551.8667
Mmilligan@lan-tel.com
www.lan-tel.com

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, December 20, 2016 11:53 AM EST
To: Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; Henry, Brian; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>; Michael Sulprizio <Michael Sulprizio <Michael.Sulprizio@boston.gov>>
Subject: Security Camera Strategy Meeting Status Report - for 12/21/16 Meeting
Attachment(s): "Security Camera Strategy Meeting_12-21-16.docx"

Attached is the status report we will review in tomorrow's meeting.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Mary Milligan <mmilligan@lan-tel.com>
Sent: Tuesday, January 10, 2017 10:58 AM EST
To: deirdre.habershaw@boston.gov
CC: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Jeff Bodio <Jeff Bodio <jeffb@lan-tel.com>>; Dennis Drain <Dennis Drain <ddrain@lan-tel.com>>
Subject: December 2016 CIMS Billing
Attachment(s): "DOC011017-01102017105639.pdf","December 2016 CIMS Backup.xlsx"

Please see the attached invoice (9915899) and backup for CIMS work completed in December 2016.
Feel free to reach out to me for any additional information.
Thanks
Mare

LAN-TEL
COMMUNICATIONS, INC.

Mare Milligan
Accounting Specialist
1400 Providence Highway, Suite 3100
Norwood, MA 02062
Phone: 781.352.4717
Fax: 781.551.8667
Mmilligan@lan-tel.com
www.lan-tel.com

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, January 17, 2017 11:05 AM EST
To: Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; Henry, Brian; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>; Michael Sulprizio <Michael Sulprizio <Michael.Sulprizio@boston.gov>>
Subject: Security Camera Status Meeting - 1/18/17
Attachment(s): "Security Camera Strategy Meeting_1-18-17.docx"

Attached is the status report for our meeting tomorrow. Thank you.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Sarah Plowman <sarah.plowman@boston.gov>
Sent: Wednesday, January 18, 2017 4:38 PM EST
To: John Surette <John Surette <john.surette@pd.boston.gov>>; Alan Alpert <Alan Alpert <aalpert@chelseama.gov>>; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Chuck Wade <Chuck Wade <chuck@interisle.net>>; Colin Strutt <Colin Strutt <colin@interisle.net>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <damahoney@cambridgefire.org>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Ed Hernandez Sr. < Ed Hernandez Sr. <ehernandez@chelsesama.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Fred Goldstein <Fred Goldstein <fred@interisle.net>>; Glen Turner <Glen Turner <gturner@cambridgefire.org>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; John Cowhig <John Cowhig <jcowhig@chelseama.gov>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Ken Pitts <Ken Pitts <kpitts@cambridge911.org>>; Michael Cobb <Michael Cobb <mcobb@ftgtechnologies.com>>; Michael Saltzman <Michael Saltzman <michael.saltzman@state.ma.us>>; Mike Kiely <Mike Kiely <mkiely@police.somerville.ma.us>>; Robert Griffin <Robert Griffin <rgriffin@chelseama.gov>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Sean Doherty <Sean Doherty <sdoherty@ftgtechnologies.com>>; Shawn Romanoski <Shawn Romanoski <shawn.romanoski@pd.boston.gov>>; Shiro Ando <Shiro Ando <sando@ftgtechnologies.com>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Steven Ford <Steven Ford <sford@reverepolice.org>>
Subject: PSnet Executive Committee Meeting Minutes
Attachment(s): "1.10.17 PSNEC minutes.doc"

Hello all,

Attached you can find a copy of the minutes from the PSnet Executive Committee Meeting last week, January 10. Please read at your convenience.

Also, I'll send out a Google calendar invite eventually, but just by way of reminder, the next PSnet Exec. Meeting will be Tuesday, February 14.

Thanks everyone,
Sarah

--

Sarah Plowman
Regional Planner
Mayor's Office of Emergency Management
Boston City Hall, Room 204

One City Hall Square | Boston, MA 02201
Phone: 617.635.1400
Fax: 617.635.2974

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Wednesday, January 25, 2017 9:47 AM EST
To: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
BCC: Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>
Subject: DVtel Basic Operator Training

Hi Eric,

I was talking with Rene today about the possibility of getting additional OEM staff familiarized with operating the DVtel system. We have a number of special events on the calendar this year it we think it may be best to deepen our bench in terms of individuals capable of fully utilizing the system. Would it be possible to have a few OEM staff members trained as basic operators, and how long would you suggest a training like that last? Feel free to give me a call if you have questions or need more details.

Thank you,

--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, January 25, 2017 9:55 AM EST
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: Re: DVtel Basic Operator Training

Deirdre
This is great timing .
We are gong to implement training 4 times a year in the Norwood training facility .
The first one will be on Feb 28 .
Notices are gong out Monday . However since you have a great facility as well we can do it in house as well as an added feature for OEM .'Please give me a date that works for you and I will accommodate for inhouse

Eric Johnson
Security Project Manager
Lan-Tel Communications
1400 Providence Highway,
Suite 3100
Norwood, MA 02062
(617) 785-8254
ejohnson@lan-tel.com

On Jan 25, 2017, at 9:47 AM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:

> Hi Eric,
>
> I was talking with Rene today about the possibility of getting additional OEM staff familiarized with operating the DVtel system. We have a number of special events on the calendar this year it we think it may be best to deepen our bench in terms of individuals capable of fully utilizing the system. Would it be possible to have a few OEM staff members trained as basic operators, and how long would you suggest a training like that last? Feel free to give me a call if you have questions or need more details.
>
> Thank you,
>
> --
> Deirdre Habershaw
> Project Director
> Mayor's Office of Emergency Management
> One City Hall Square, Rm 204
> 617-635-1400

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, January 25, 2017 9:59 AM EST
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: Re: DVtel Basic Operator Training

An hour we would do basic operator stuff etc

Eric Johnson
Security Project Manager
Lan-Tel Communications
1400 Providence Highway,
Suite 3100
Norwood, MA 02062
(617) 785-8254
ejohnson@lan-tel.com

On Jan 25, 2017, at 9:57 AM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:

> Thanks Eric,
>
> How long would the class last?
>
> On Wed, Jan 25, 2017 at 9:55 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:
>> Deirdre
>> This is great timing .
>> We are gong to implement training 4 times a year in the Norwood training facility .
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>> Notices are gong out Monday . However since you have a great facility as well we can do it in house as well as an added feature for OEM .'Please give me a date that works for you and I will accommodate for inhouse
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>> Eric Johnson
>> Security Project Manager
>> Lan-Tel Communications
>> 1400 Providence Highway,
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>> ejohnson@lan-tel.com
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>>>
>>> Thank you,
>>>
>>> --
>>> Deirdre Habershaw
>>> Project Director
>>> Mayor's Office of Emergency Management
>>> One City Hall Square, Rm 204
>>> 617-635-1400

--
Deirdre Habershaw
Project Director

Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Wednesday, January 25, 2017 10:02 AM EST
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: DVtel Basic Operator Training

Awesome. I will let Rene know and get back to you. I know this is super last minute, but if she wants to get a few trained before the Super Bowl would it be feasible to fit an hour in at the EOC next week? I don't know for certain that she would ask that, but she might.

On Wed, Jan 25, 2017 at 9:59 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:

> An hour we would do basic operator stuff etc
>
> Eric Johnson
> Security Project Manager
> Lan-Tel Communications
> 1400 Providence Highway,
> Suite 3100
> Norwood, MA 02062
> (617) 785-8254
> ejohnson@lan-tel.com
>
> On Jan 25, 2017, at 9:57 AM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:
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> > > Deirdre
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> > >
> > > Eric Johnson
> > > Security Project Manager
> > > Lan-Tel Communications
> > > 1400 Providence Highway,
> > > Suite 3100
> > > Norwood, MA 02062
> > > (617) 785-8254
> > > ejohnson@lan-tel.com
> > >
> > > On Jan 25, 2017, at 9:47 AM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:
> > >
> > > > Hi Eric,
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> > > > Thank you,
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> > > > --
> > > > Deirdre Habershaw
> > > > Project Director
> > > > Mayor's Office of Emergency Management
> > > > One City Hall Square, Rm 204
> > > > 617-635-1400

--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, January 25, 2017 10:09 AM EST
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: Re: DVtel Basic Operator Training

Deirdre
On another note and with more events coming up . Could I know in advance when Bragdon St is being stood up ? (planned or unplanned) Much like we do with BPD LECC. It would help me since I can dedicate resources for prechecks etc. or have on radar when in operation .

I think it would help all around instead of rushing to answer questions on the day of an event . I do not have any control of last mile on connectivity to Bragdon St like I do at other dispatch centers / Schroeder Plaza .Just a thought in case something was changed upstream .

Eric Johnson
Security Project Manager
Lan-Tel Communications
1400 Providence Highway,
Suite 3100
Norwood, MA 02062
(617) 785-8254
ejohnson@lan-tel.com

On Jan 25, 2017, at 9:57 AM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:

> Thanks Eric,
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> How long would the class last?
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> On Wed, Jan 25, 2017 at 9:55 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:
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From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, January 25, 2017 10:09 AM EST
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: Re: DVtel Basic Operator Training

Absolutely we can do that . Whatever you need we will accommodate .

Eric Johnson
Security Project Manager
Lan-Tel Communications
1400 Providence Highway,
Suite 3100
Norwood, MA 02062
(617) 785-8254
ejohnson@lan-tel.com

On Jan 25, 2017, at 10:03 AM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:

> Awesome. I will let Rene know and get back to you. I know this is super last minute, but if she wants to get a few trained before the Super Bowl would it be feasible to fit an hour in at the EOC next week? I don't know for certain that she would ask that, but she might.
>
> On Wed, Jan 25, 2017 at 9:59 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:
> > An hour we would do basic operator stuff etc
> >
> > Eric Johnson
> > Security Project Manager
> > Lan-Tel Communications
> > 1400 Providence Highway,
> > Suite 3100
> > Norwood, MA 02062
> > (617) 785-8254
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From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Wednesday, January 25, 2017 10:11 AM EST
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: DVtel Basic Operator Training

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On Wed, Jan 25, 2017 at 10:09 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:

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From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, January 25, 2017 10:13 AM EST
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: Re: DVtel Basic Operator Training

Yes I know it's not an exact science. lol ..just let me know next week and we will be there

Eric Johnson
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From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Wednesday, January 25, 2017 10:14 AM EST
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: DVtel Basic Operator Training

Awesome. I will talk to Rene and get back ASAP.

On Wed, Jan 25, 2017 at 10:13 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:

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From: Scott Wilder <swilder@brooklinema.gov>
Sent: Wednesday, January 25, 2017 10:42 AM EST
To: Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>
CC: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
Subject: BriefCam call

All,

I would like to get a conference call with Eric from Lantel to go over the questions Harry had regarding licenses. Any time work Thursday or Friday – should be a quick call, I am available all day Thursday, except between 1 and 3 \ open all day on Friday.

Thanks,
Scott

Officer Scott Wilder
Director of Technology
Brookline Police Department
350 Washington Street
Brookline, MA. 02445-6800
Office : 617-730-2259
swilder@brooklinema.gov

The substance of this message, including any attachments, may be confidential, legally privileged and/or exempt from disclosure pursuant to Massachusetts law. It is intended solely for the addressee. If you received this in error, please contact the sender and delete the material from any computer.

From: Harold Cataldo <harold.cataldo@pd.boston.gov>
Sent: Wednesday, January 25, 2017 10:47 AM EST
To: Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>
CC: Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: BriefCam call

The only time I have open is Friday afternoon

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> **Officer Scott Wilder**
>
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>
> **Brookline Police Department**
>
> **350 Washington Street**
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> **Brookline, MA. 02445-6800**
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> **Office : 617-730-2259**
>
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--
Harry Cataldo
Lieutenant Detective
Boston Police Department/
Boston Regional Intelligence Center
Desk: 617-343-5999
Cell: 617-594-3333

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Thursday, January 26, 2017 7:51 PM EST
To: Pam Monzione <Pam Monzione <PMonzione@chelseama.gov>>; RGriffin@chelseama.gov; Shawn <RomanoskiS. bpd@cityofboston. gov> Romanoski; Louie Madeira <Louie Madeira <louis.madeira@pd.boston.gov>>; Michael Kiely <Michael Kiely <mkiely@police.somerville.ma.us>>; jeffrey.gilmore@cityofeverett.org; Chief Delahanty <Chief Delahanty <tdelehanty@town.winthrop.ma.us>>; wcarter@town.winthrop.ma.us; Ford Lt Steven <Ford Lt Steven <sford@reverepolice.org>>; kbruker@reverepolice.org; jguido@reverepolice.org; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Pd Quincy Joe P <Pd Quincy Joe P <jpepjonovich@quincyma.gov>>; rgillan@quincyma.gov; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Eamon.Miller@Boston.gov; Bpd Harry Cataldo <Bpd Harry Cataldo <CataldoH.bpd@cityofboston.gov>>; Brian Kyes <Brian Kyes <BKyes@chelseama.gov>>
CC: John Grennon <John Grennon <jgrennon@lan-tel.com>>; Mike Driscoll <Mike Driscoll <Mike.Driscoll@flir.com>>
Subject: FLIR 7.0 SAVE The DATE

All CIMS Members:

An official invitation will be forthcoming. I plan on conducting training 4 times a year at our new training center in Norwood MA . The first training session will be on February 28, 2017 . It will be basic operator training , retrieval of recordings and best practices .

Of course we welcome all assembled for feedback and ideas .

Feel free to bring whoever you would like to gain more knowledge of the FLIR VMS.

Refreshments and lunch will be served .

Thanks !

Eric Johnson
Security Project Manager
Lan-Tel Communications
1400 Providence Highway,
Suite 3100
Norwood, MA 02062
(617) 785-8254
ejohnson@lan-tel.com

Begin forwarded message:

> **From:** <ejohnson@Lan-Tel.com>
> **Date:** January 26, 2017 at 7:40:12 PM EST
> **To:** Eric johnson <ejohnson@lan-tel.com>
>
> http://www.flir.com/security/display/?id=77320
>
> Eric Johnson
> Security Project Manager
> Lan-Tel Communications
> 1400 Providence Highway,
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From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Thursday, January 26, 2017 7:56 PM EST
To: Pam Monzione <Pam Monzione <PMonzione@chelseama.gov>>; RGriffin@chelseama.gov; Shawn <RomanoskiS. bpd@cityofboston. gov> Romanoski; Louie Madeira <Louie Madeira <louis.madeira@pd.boston.gov>>; Michael Kiely <Michael Kiely <mkiely@police.somerville.ma.us>>; jeffrey.gilmore@cityofeverett.org; Chief Delahanty <Chief Delahanty <tdelehanty@town.winthrop.ma.us>>; wcarter@town.winthrop.ma.us; Ford Lt Steven <Ford Lt Steven <sford@reverepolice.org>>; kbruker@reverepolice.org; jguido@reverepolice.org; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Pd Quincy Joe P <Pd Quincy Joe P <jpepjonovich@quincyma.gov>>; rgillan@quincyma.gov; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Eamon.Miller@Boston.gov; Bpd Harry Cataldo <Bpd Harry Cataldo <CataldoH.bpd@cityofboston.gov>>; Brian Kyes <Brian Kyes <BKyes@chelseama.gov>>
CC: John Grennon <John Grennon <jgrennon@lan-tel.com>>; Mike Driscoll <Mike Driscoll <Mike.Driscoll@flir.com>>
Subject: Forgot to include

Here are some online tools that may help your fringe employees and let you engage possible questions for discussion on March 28th

http://www.flir.com/security/display/?id=77320

Eric Johnson
Security Project Manager
Lan-Tel Communications
1400 Providence Highway,
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Norwood, MA 02062
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Date: January 26, 2017 at 7:40:12 PM EST
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From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Friday, January 27, 2017 8:34 PM EST
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Eamon.Miller@Boston.gov; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>
Subject: Briefcam

I talked to Harry and then talked to Briefcam. We can as a favor move 30 licenses from Brookline and 30 from Winthrop. We would only have to buy licenses to connect BTD and some integration software from Genetec . It looks at first glance it would cost 55k -60 k to do forklift . This is based on

Eric Johnson
Security Project Manager
Lan-Tel Communications
1400 Providence Highway,
Suite 3100
Norwood, MA 02062
(617) 785-8254
ejohnson@lan-tel.com

From: Michael Kiely <mkiely@police.somerville.ma.us>
Sent: Monday, January 30, 2017 12:41 PM EST
To: Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>
CC: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Dorothy Cassesso <Dorothy Cassesso <dcassesso@police.somerville.ma.us>>; ejohnson@lan-tel.com
Subject: Re: ?

Eamon, thank you.. it was a CIMs project for 4560.00 target hardening for City Hall, exterior cameras. I've added Eric J to this for help if needed.
Respectfully,

Sgt. Michael Kiely
Homeland Security &
Emergency Management
(617)625-1600x7241

On Jan 30, 2017, at 12:19 PM, Eamon Miller <eamon.miller@boston.gov> wrote:

> Hi Sgt. Kiely,
>
> Is this in reference to the U15-2.1 Physical Security Enhancements? See award letter attached. If so we need:
>
> Invoice form the vendor
> PO to vendor from Somerville
> Proof of Payment
> An official Request for Reimbursement Letter on Somerville letterhead
>
> Let me know if you have questions.
>
> Eamon
>
> On Mon, Jan 30, 2017 at 10:42 AM, Michael Kiely<mkiely@police.somerville.ma.us> wrote:
>
> > Good morning, we are looking to submit for payment an invoice we paid off an award letter for the 2 cameras at City Hall. The work was completed last July.
> > What do we need to do?
> > Thank you,
> > Mike
> >
> > Sgt. Michael Kiely
> > Homeland Security &
> > Emergency Management
> > (617) 625-1600x7241

--

Eamon Miller
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

<Somerville City Hall FFY15 Target Hardening Award Letter.pdf>

From: Eamon Miller <eamon.miller@boston.gov>
Sent: Tuesday, January 31, 2017 1:05 PM EST
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
CC: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>
Subject: Re: Briefcam

Eric,

Is there a portion of this email missing?

Eamon

Sent from my iPhone

On Jan 27, 2017, at 8:34 PM, Eric Johnson <ejohnson@lan-tel.com> wrote:

> I talked to Harry and then talked to Briefcam. We can as a favor move 30 licenses from Brookline and 30 from Winthrop. We would only have to buy licenses to connect BTD and some integration software from Genetec . It looks at first glance it would cost 55k -60 k to do forklift . This is based on
>
> Eric Johnson
> Security Project Manager
> Lan-Tel Communications
> 1400 Providence Highway,
> Suite 3100
> Norwood, MA 02062
> (617) 785-8254
> ejohnson@lan-tel.com

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Tuesday, January 31, 2017 1:36 PM EST
To: Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>
CC: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>
Subject: Re: Briefcam

No sir it was just an update to my conversations
I can supply formal quote of everyone comfortable with that ballpark estimate

Eric Johnson
Security Project Manager
Lan-Tel Communications
1400 Providence Highway,
Suite 3100
Norwood, MA 02062
(617) 785-8254
ejohnson@lan-tel.com

On Jan 31, 2017, at 1:06 PM, Eamon Miller <eamon.miller@boston.gov> wrote:

> Eric,
>
> Is there a portion of this email missing?
>
> Eamon
>
> Sent from my iPhone
>
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>
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> > Lan-Tel Communications
> > 1400 Providence Highway,
> > Suite 3100
> > Norwood, MA 02062
> > (617) 785-8254
> > ejohnson@lan-tel.com

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, January 31, 2017 3:21 PM EST
To: Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Anne Vaillancourt <Anne Vaillancourt <availlancourt@genetec.com>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; mfrench@lan-tel.com <mfrench@lan-tel.com>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; Henry, Brian; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>; Michael Sulprizio <Michael Sulprizio <Michael.Sulprizio@boston.gov>>
Subject: Security Camera Strategy Status Meeting - 2/1/17 @9am
Attachment(s): "Security Camera Strategy Meeting_2-1-17.docx"

Attached is the status report for tomorrow's Security Camera Strategy Meeting. Also, feel free to call in if the weather is bad tomorrow. The bridge #: 866-715-6967, passcode = 4466461#.

Thanks.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Eamon Miller <eamon.miller@boston.gov>
Sent: Thursday, February 02, 2017 5:00 PM EST
To: Kate Waldron <Kate Waldron <kwaldron@lan-tel.com>>; Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>
CC: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: CIMS Contract Extension Documents
Attachment(s): "OEM NDA.pdf","Form CM 06.pdf","Lan-Tel_CIMS_standard_contract_amend_cm12_FINAL.pdf"

Good Afternoon Kate and Eric,

I hope this email finds you well! Apologies for the late afternoon email, but I wanted to get this out to you.

As you know, the end date of the current CIMS contract#40555 is set to end July 31, 2017. The subcommittee, Deirdre and myself want to get ahead of the curve and extend the contract for time. We are proposing to extend the contract to align with the FAC64 state contract deadline of May 31, 2018. I've attached two documents for you to review and, if you approve, to sign:

- City of Boston Standard Contract Amendment (CM12)
- Certificate of Authority (CM-06)
- OEM Non Disclosure Form

Please let me know if you have any questions. If not, please sign in blue ink and mail them back to me at:

Mayor's Office of Emergency Management (OEM)
Boston City Hall, Room 204
Attn: Eamon Miller
One City Hall Square
Boston, MA 02201

As always, thank you for all you do!

Eamon
--

Eamon Miller
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: Kate Waldron <kwaldron@lan-tel.com>
Sent: Thursday, February 02, 2017 5:05 PM EST
To: Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
CC: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: RE: CIMS Contract Extension Documents

Hi Eamon,

Thanks for sending these along and extending our contract through 2018. Our president Joe Bodio needs to sign these documents himself and he is away on vacation this week. I will get them out to you Monday when he returns.

Thanks,

Kate

From: Eamon Miller [mailto:eamon.miller@boston.gov]
Sent: Thursday, February 02, 2017 5:01 PM
To: Kate Waldron <kwaldron@lan-tel.com>; Eric Johnson <ejohnson@Lan-Tel.com>
Cc: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Subject: CIMS Contract Extension Documents

Good Afternoon Kate and Eric,

I hope this email finds you well! Apologies for the late afternoon email, but I wanted to get this out to you.

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Mayor's Office of Emergency Management (OEM)
Boston City Hall, Room 204
Attn: Eamon Miller
One City Hall Square
Boston, MA 02201

As always, thank you for all you do!

Eamon
--

Eamon Miller
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: Sarah Plowman <sarah.plowman@boston.gov>
Sent: Friday, February 03, 2017 11:44 AM EST
To: John Surette <John Surette <john.surette@pd.boston.gov>>; Alan Alpert <Alan Alpert <aalpert@chelseama.gov>>; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Chuck Wade <Chuck Wade <chuck@interisle.net>>; Colin Strutt <Colin Strutt <colin@interisle.net>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <damahoney@cambridgefire.org>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Ed Hernandez Sr. < Ed Hernandez Sr. <ehernandez@chelseama.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Fred Goldstein <Fred Goldstein <fred@interisle.net>>; Glen Turner <Glen Turner <gturner@cambridgefire.org>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; John Cowhig <John Cowhig <jcowhig@chelseama.gov>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Ken Pitts <Ken Pitts <kpitts@cambridge911.org>>; Michael Cobb <Michael Cobb <mcobb@ftgtechnologies.com>>; Michael Saltzman <Michael Saltzman <michael.saltzman@state.ma.us>>; Mike Kiely <Mike Kiely <mkiely@police.somerville.ma.us>>; Robert Griffin <Robert Griffin <rgriffin@chelseama.gov>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Sean Doherty <Sean Doherty <sdoherty@ftgtechnologies.com>>; Shawn Romanoski <Shawn Romanoski <shawn.romanoski@pd.boston.gov>>; Shiro Ando <Shiro Ando <sando@ftgtechnologies.com>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Steven Ford <Steven Ford <sford@reverepolice.org>>
Subject: Reschedule: PSnet Meeting to Feb 14 afternoon, 2-4pm

Hello PSnet Executive Committee members, vendors ~

Due to scheduling conflicts with the morning of February 14,*the PSnet meeting needs to be rescheduled*. But we still want to celebrate Valentine's Day with you all, :) , so if possible my suggestion would be to push the meeting to the afternoon.

New proposed meeting time: 2pm (PSnet Exec, with vendors arriving 2:30) - 4pm, still on Tuesday February 14.

First question: Scott, can the Brookline Town Hall room reservation be shifted to 2pm?

Second question: All, please email me as soon as possible if you have conflicts with the new time so that we can assess and come up with Plan C if necessary.

Thank you!
Sarah

--
Sarah Plowman
Regional Planner
Mayor's Office of Emergency Management
Boston City Hall, Room 204

One City Hall Square | Boston, MA 02201
Phone: 617.635.1400
Fax: 617.635.2974

From: Scott Wilder <swilder@brooklinema.gov>
Sent: Friday, February 03, 2017 1:38 PM EST
To: Sarah Plowman <Sarah Plowman <sarah.plowman@boston.gov>>
CC: Sean Doherty <Sean Doherty <sdoherty@ftgtechnologies.com>>; Shawn Romanoski <Shawn Romanoski <shawn.romanoski@pd.boston.gov>>; Michael Saltzman <Michael Saltzman <michael.saltzman@state.ma.us>>; Ed Hernandez Sr. <Ed Hernandez Sr. <ehernandez@chelseama.gov>>; John Cowhig <John Cowhig <jcowhig@chelseama.gov>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; David Mahoney <David Mahoney <damahoney@cambridgefire.org>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Mike Kiely <Mike Kiely <mkiely@police.somerville.ma.us>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Colin Strutt <Colin Strutt <colin@interisle.net>>; Alan Alpert <Alan Alpert <aalpert@chelseama.gov>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Steven Ford <Steven Ford <sford@reverepolice.org>>; Stephen Maywalt < Stephen Maywalt <smaywalt@cambridgepolice.org>>; Chuck Wade <Chuck Wade <chuck@interisle.net>>; Ken Pitts < Ken Pitts <kpitts@cambridge911.org>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; Shiro Ando <Shiro Ando <sando@ftgtechnologies.com>>; Fred Goldstein <Fred Goldstein <fred@interisle.net>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; John Surette <John Surette <john.surette@pd.boston.gov>>; Robert Griffin < Robert Griffin <rgriffin@chelseama.gov>>; Michael Cobb <Michael Cobb <mcobb@ftgtechnologies.com>>; Glen Turner <Glen Turner <gturner@cambridgefire.org>>
Subject: Re: Reschedule: PSnet Meeting to Feb 14 afternoon, 2-4pm

Hi Sarah,
The meeting rooms at Town Hall will not be available at that time.
Also, the Community Room at the station is booked all day for a command staff meeting.
So we will need a new location with this change

Scott

Scott Wilder
Sent from my Verizon 4G LTE Droid
On Feb 3, 2017 12:44 PM, Sarah Plowman <sarah.plowman@boston.gov> wrote:

> Hello PSnet Executive Committee members, vendors ~
>
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> Thank you!
> Sarah
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> --
> **Sarah Plowman**
> Regional Planner
> Mayor's Office of Emergency Management
> Boston City Hall, Room 204
>
> One City Hall Square | Boston, MA 02201
> Phone: 617.635.1400
> Fax: 617.635.2974

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From: Sarah Plowman <sarah.plowman@boston.gov>
Sent: Friday, February 03, 2017 1:49 PM EST
To: Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>
CC: Sean Doherty <Sean Doherty <sdoherty@ftgtechnologies.com>>; Shawn Romanoski <Shawn Romanoski <shawn.romanoski@pd.boston.gov>>; Michael Saltzman <Michael Saltzman <michael.saltzman@state.ma.us>>; Ed Hernandez Sr. < Ed Hernandez Sr. <ehernandez@chelseama.gov>>; John Cowhig <John Cowhig <jcowhig@chelseama.gov>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; David Mahoney <David Mahoney <damahoney@cambridgefire.org>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Mike Kiely <Mike Kiely <mkiely@police.somerville.ma.us>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Colin Strutt <Colin Strutt <colin@interisle.net>>; Alan Alpert <Alan Alpert <aalpert@chelseama.gov>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Steven Ford <Steven Ford <sford@reverepolice.org>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Chuck Wade <Chuck Wade <chuck@interisle.net>>; Ken Pitts <Ken Pitts <kpitts@cambridge911.org>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; Shiro Ando <Shiro Ando <sando@ftgtechnologies.com>>; Fred Goldstein <Fred Goldstein <fred@interisle.net>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; John Surette <John Surette <john.surette@pd.boston.gov>>; Robert Griffin <Robert Griffin <rgriffin@chelseama.gov>>; Michael Cobb <Michael Cobb <mcobb@ftgtechnologies.com>>; Glen Turner <Glen Turner <gturner@cambridgefire.org>>
Subject: Re: Reschedule: PSnet Meeting to Feb 14 afternoon, 2-4pm

In that case, is anyone else able to host it? 2pm-4pm, Tuesday, February 14.

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> > **Sarah Plowman**
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> > Mayor's Office of Emergency Management
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Regional Planner

Mayor's Office of Emergency Management
Boston City Hall, Room 204

One City Hall Square | Boston, MA 02201
Phone: 617.635.1400
Fax: 617.635.2974

From: Michael Kiely <mkiely@police.somerville.ma.us>
Sent: Friday, February 03, 2017 4:17 PM EST
To: Sarah Plowman <Sarah Plowman <sarah.plowman@boston.gov>>
CC: Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Sean Doherty <Sean Doherty <sdoherty@ftgtechnologies.com>>; Shawn Romanoski <Shawn Romanoski <shawn.romanoski@pd.boston.gov>>; Michael Saltzman <Michael Saltzman <michael.saltzman@state.ma.us>>; Ed Hernandez Sr. <Ed Hernandez Sr. <ehernandez@chelseama.gov>>; John Cowhig <John Cowhig <jcowhig@chelseama.gov>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; David Mahoney <David Mahoney <damahoney@cambridgefire.org>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Christopher Major <Christopher Major <CMajor@somervillema.gov>>; Colin Strutt <Colin Strutt <colin@interisle.net>>; Alan Alpert <Alan Alpert <aalpert@chelseama.gov>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Steven Ford <Steven Ford <sford@reverepolice.org>>; Stephen Maywalt < Stephen Maywalt <smaywalt@cambridgepolice.org>>; Chuck Wade <Chuck Wade <chuck@interisle.net>>; Ken Pitts < Ken Pitts <kpitts@cambridge911.org>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; Shiro Ando <Shiro Ando <sando@ftgtechnologies.com>>; Fred Goldstein <Fred Goldstein <fred@interisle.net>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; John Surette <John Surette <john.surette@pd.boston.gov>>; Robert Griffin < Robert Griffin <rgriffin@chelseama.gov>>; Michael Cobb <Michael Cobb <mcobb@ftgtechnologies.com>>; Glen Turner <Glen Turner <gturner@cambridgefire.org>>
Subject: Re: Reschedule: PSnet Meeting to Feb 14 afternoon, 2-4pm

I can @ SPD. Enjoy the weekend.

Sgt. Michael Kiely
Homeland Security &
Emergency Management
(617)625-1600x7241

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Sarah Plowman
Regional Planner
Mayor's Office of Emergency Management
Boston City Hall, Room 204

One City Hall Square | Boston, MA 02201
Phone: 617.635.1400
Fax: 617.635.2974

From: Sarah Plowman <sarah.plowman@boston.gov>
Sent: Friday, February 03, 2017 4:28 PM EST
To: Michael Kiely <Michael Kiely <mkiely@police.somerville.ma.us>>
CC: Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Sean Doherty <Sean Doherty <sdoherty@ftgtechnologies.com>>; Shawn Romanoski <Shawn Romanoski <shawn.romanoski@pd.boston.gov>>; Michael Saltzman <Michael Saltzman <michael.saltzman@state.ma.us>>; Ed Hernandez Sr. < Ed Hernandez Sr. <ehernandez@chelseama.gov>>; John Cowhig <John Cowhig <jcowhig@chelseama.gov>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; David Mahoney <David Mahoney <damahoney@cambridgefire.org>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Christopher Major <Christopher Major <CMajor@somervillema.gov>>; Colin Strutt <Colin Strutt <colin@interisle.net>>; Alan Alpert <Alan Alpert <aalpert@chelseama.gov>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Steven Ford <Steven Ford <sford@reverepolice.org>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Chuck Wade <Chuck Wade <chuck@interisle.net>>; Ken Pitts <Ken Pitts <kpitts@cambridge911.org>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; Shiro Ando <Shiro Ando <sando@ftgtechnologies.com>>; Fred Goldstein <Fred Goldstein <fred@interisle.net>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; John Surette <John Surette <john.surette@pd.boston.gov>>; Robert Griffin <Robert Griffin <rgriffin@chelseama.gov>>; Michael Cobb <Michael Cobb <mcobb@ftgtechnologies.com>>; Glen Turner <Glen Turner <gturner@cambridgefire.org>>
Subject: Re: Reschedule: PSnet Meeting to Feb 14 afternoon, 2-4pm

Thank you, Sgt. Kiely! An updated Google Event should have gone out. But, to be clear:

PSnet meeting new info:
Tuesday, February 14.
2-4pm (VENDORS arrive 2:30pm)
Somerville Police Department.

On Fri, Feb 3, 2017 at 4:17 PM, Michael Kiely<mkiely@police.somerville.ma.us> wrote:

> I can @ SPD. Enjoy the weekend.
>
> Sgt. Michael Kiely
> Homeland Security &
> Emergency Management
> (617)625-1600x7241
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Sarah Plowman
Regional Planner
Mayor's Office of Emergency Management
Boston City Hall, Room 204

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Phone: 617.635.1400
Fax: 617.635.2974

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From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Tuesday, February 07, 2017 8:55 AM EST
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Eamon.Miller@Boston.gov
Subject: Fwd: Parade route Cameras FLIR

Eric Johnson
Security Project Manager
Lan-Tel Communications
1400 Providence Highway,
Suite 3100
Norwood, MA 02062
(617) 785-8254
ejohnson@lan-tel.com

Begin forwarded message:

> **From:** <ejohnson@Lan-Tel.com>
> **Date:** February 7, 2017 at 8:51:56 AM EST
> **To:** Louie Madeira <louis.madeira@pd.boston.gov>
> **Subject: Parade route Cameras**
>
> D4 cameras
> Boylston dalton 1
> Boylston dalton2
> Boylston Hereford
> St James Dartmouth
> 500 boylston
> Boylston Clarendon
> 222 Berkeley
> Boylston - Arlington (best Boylston
>
> A1
> Ritz 1
> 80 Boylston
> Tremont - Avery
> Tremont west
> Tremont temple
> Tremont winter 1
> Tremont winter 3
> Tremont Park 3
> Tremont Park 2
> Tremont Bromfield PTZ
> Tremont Bromfield 2
> Tremont Bromfield 1
> Tremont camb 2
> Tremont camb 3
> Tremont camb Ptz
> Charles B staniford
>
> Eric Johnson
> Security Project Manager
> Lan-Tel Communications
> 1400 Providence Highway,
> Suite 3100
> Norwood, MA 02062
> (617) 785-8254
> ejohnson@lan-tel.com

From: Michael Kane <michael.kane@boston.gov>
Sent: Tuesday, February 07, 2017 9:02 AM EST
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
CC: Sgt Mike Cunniffe <Sgt Mike Cunniffe <john.cunniffe@pd.boston.gov>>; Vin Stancato <Vin Stancato <vstancato@lan-tel.com>>
Subject: Mk: Parade route Cameras FLIR

Thanks. Lou made a salvo and Vin is over here.

Stay safe today.

Mike

Michael Kane
Logistics Section
City of Boston
Office of Emergency Management
617-343-2413
617-895-7215

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Sent: Tuesday, February 07, 2017 9:03 AM EST
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
CC: Sgt Mike Cunniffe <Sgt Mike Cunniffe <john.cunniffe@pd.boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>
Subject: Re: Mk: Parade route Cameras FLIR

Roger thanks

Eric Johnson
Security Project Manager
Lan-Tel Communications
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From: Michael Kane <michael.kane@boston.gov>
Sent: Wednesday, February 08, 2017 6:17 PM EST
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Mike Kane : Vizio 70" flatscreen and stand quote request 15 sets and set up
Attachment(s): "IMG_2340.JPG"

Eric-

Can I get a quote for 15 units with set up.

Thanks my man,

Mike
>
>

From: Kate Waldron <kwaldron@lan-tel.com>
Sent: Thursday, February 02, 2017 5:05 PM EST
To: Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
CC: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: RE: CIMS Contract Extension Documents

Hi Eamon,

Thanks for sending these along and extending our contract through 2018. Our president Joe Bodio needs to sign these documents himself and he is away on vacation this week. I will get them out to you Monday when he returns.

Thanks,

Kate

From: Eamon Miller [mailto:eamon.miller@boston.gov]
Sent: Thursday, February 02, 2017 5:01 PM
To: Kate Waldron <kwaldron@lan-tel.com>; Eric Johnson <ejohnson@Lan-Tel.com>
Cc: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Subject: CIMS Contract Extension Documents

Good Afternoon Kate and Eric,

I hope this email finds you well! Apologies for the late afternoon email, but I wanted to get this out to you.

As you know, the end date of the current CIMS contract#40555 is set to end July 31, 2017. The subcommittee, Deirdre and myself want to get ahead of the curve and extend the contract for time. We are proposing to extend the contract to align with the FAC64 state contract deadline of May 31, 2018. I've attached two documents for you to review and, if you approve, to sign:

- City of Boston Standard Contract Amendment (CM12)
- Certificate of Authority (CM-06)
- OEM Non Disclosure Form

Please let me know if you have any questions. If not, please sign in blue ink and mail them back to me at:

Mayor's Office of Emergency Management (OEM)
Boston City Hall, Room 204
Attn: Eamon Miller
One City Hall Square
Boston, MA 02201

As always, thank you for all you do!

Eamon
--

Eamon Miller
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: Sarah Plowman <sarah.plowman@boston.gov>
Sent: Friday, February 03, 2017 11:44 AM EST
To: John Surette <John Surette <john.surette@pd.boston.gov>>; Alan Alpert <Alan Alpert <aalpert@chelseama.gov>>; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Chuck Wade <Chuck Wade <chuck@interisle.net>>; Colin Strutt <Colin Strutt <colin@interisle.net>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <damahoney@cambridgefire.org>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Ed Hernandez Sr. < Ed Hernandez Sr. <ehernandez@chelseama.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Fred Goldstein <Fred Goldstein <fred@interisle.net>>; Glen Turner <Glen Turner <gturner@cambridgefire.org>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; John Cowhig <John Cowhig <jcowhig@chelseama.gov>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Ken Pitts <Ken Pitts <kpitts@cambridge911.org>>; Michael Cobb <Michael Cobb <mcobb@ftgtechnologies.com>>; Michael Saltzman <Michael Saltzman <michael.saltzman@state.ma.us>>; Mike Kiely <Mike Kiely <mkiely@police.somerville.ma.us>>; Robert Griffin <Robert Griffin <rgriffin@chelseama.gov>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Sean Doherty <Sean Doherty <sdoherty@ftgtechnologies.com>>; Shawn Romanoski <Shawn Romanoski <shawn.romanoski@pd.boston.gov>>; Shiro Ando <Shiro Ando <sando@ftgtechnologies.com>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Steven Ford <Steven Ford <sford@reverepolice.org>>
Subject: Reschedule: PSnet Meeting to Feb 14 afternoon, 2-4pm

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Sent: Friday, February 03, 2017 1:38 PM EST
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CC: Sean Doherty <Sean Doherty <sdoherty@ftgtechnologies.com>>; Shawn Romanoski <Shawn Romanoski <shawn.romanoski@pd.boston.gov>>; Michael Saltzman <Michael Saltzman <michael.saltzman@state.ma.us>>; Ed Hernandez Sr. <Ed Hernandez Sr. <ehernandez@chelseama.gov>>; John Cowhig <John Cowhig <jcowhig@chelseama.gov>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; David Mahoney <David Mahoney <damahoney@cambridgefire.org>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Mike Kiely <Mike Kiely <mkiely@police.somerville.ma.us>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Colin Strutt <Colin Strutt <colin@interisle.net>>; Alan Alpert <Alan Alpert <aalpert@chelseama.gov>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Steven Ford <Steven Ford <sford@reverepolice.org>>; Stephen Maywalt < Stephen Maywalt <smaywalt@cambridgepolice.org>>; Chuck Wade <Chuck Wade <chuck@interisle.net>>; Ken Pitts < Ken Pitts <kpitts@cambridge911.org>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; Shiro Ando <Shiro Ando <sando@ftgtechnologies.com>>; Fred Goldstein <Fred Goldstein <fred@interisle.net>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; John Surette <John Surette <john.surette@pd.boston.gov>>; Robert Griffin < Robert Griffin <rgriffin@chelseama.gov>>; Michael Cobb <Michael Cobb <mcobb@ftgtechnologies.com>>; Glen Turner <Glen Turner <gturner@cambridgefire.org>>
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> Mayor's Office of Emergency Management
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I can @ SPD. Enjoy the weekend.

Sgt. Michael Kiely
Homeland Security &
Emergency Management
(617)625-1600x7241

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Sent: Friday, February 03, 2017 4:28 PM EST
To: Michael Kiely <Michael Kiely <mkiely@police.somerville.ma.us>>
CC: Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Sean Doherty <Sean Doherty <sdoherty@ftgtechnologies.com>>; Shawn Romanoski <Shawn Romanoski <shawn.romanoski@pd.boston.gov>>; Michael Saltzman <Michael Saltzman <michael.saltzman@state.ma.us>>; Ed Hernandez Sr. < Ed Hernandez Sr. <ehernandez@chelseama.gov>>; John Cowhig <John Cowhig <jcowhig@chelseama.gov>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; David Mahoney <David Mahoney <damahoney@cambridgefire.org>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Christopher Major <Christopher Major <CMajor@somervillema.gov>>; Colin Strutt <Colin Strutt <colin@interisle.net>>; Alan Alpert <Alan Alpert <aalpert@chelseama.gov>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Steven Ford <Steven Ford <sford@reverepolice.org>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Chuck Wade <Chuck Wade <chuck@interisle.net>>; Ken Pitts <Ken Pitts <kpitts@cambridge911.org>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; Shiro Ando <Shiro Ando <sando@ftgtechnologies.com>>; Fred Goldstein <Fred Goldstein <fred@interisle.net>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; John Surette <John Surette <john.surette@pd.boston.gov>>; Robert Griffin <Robert Griffin <rgriffin@chelseama.gov>>; Michael Cobb <Michael Cobb <mcobb@ftgtechnologies.com>>; Glen Turner <Glen Turner <gturner@cambridgefire.org>>
Subject: Re: Reschedule: PSnet Meeting to Feb 14 afternoon, 2-4pm

Thank you, Sgt. Kiely! An updated Google Event should have gone out. But, to be clear:

PSnet meeting new info:
Tuesday, February 14.
2-4pm (VENDORS arrive 2:30pm)
Somerville Police Department.

On Fri, Feb 3, 2017 at 4:17 PM, Michael Kiely<mkiely@police.somerville.ma.us> wrote:

> I can @ SPD. Enjoy the weekend.
>
> Sgt. Michael Kiely
> Homeland Security &
> Emergency Management
> (617)625-1600x7241
>
> On Feb 3, 2017, at 1:49 PM, Sarah Plowman <sarah.plowman@boston.gov> wrote:
>
> > In that case, is anyone else able to host it? 2pm-4pm, Tuesday, February 14.
> >
> > On Fri, Feb 3, 2017 at 1:38 PM, Scott Wilder<swilder@brooklinema.gov> wrote:
> >
> > > Hi Sarah,
> > > The meeting rooms at Town Hall will not be available at that time.
> > > Also, the Community Room at the station is booked all day for a command staff meeting.
> > > So we will need a new location with this change
> > >
> > > Scott
> > >
> > > *Scott Wilder*
> > > *Sent from my Verizon 4G LTE Droid*
> > > On Feb 3, 2017 12:44 PM, Sarah Plowman <sarah.plowman@boston.gov> wrote:
> > >
> > > > Hello PSnet Executive Committee members, vendors ~
> > > >
> > > > Due to scheduling conflicts with the morning of February 14, *the PSnet meeting needs to be rescheduled*.
> > > > But we still want to celebrate Valentine's Day with you all, :) , so if possible my suggestion would be to push the meeting to the afternoon.
> > > >
> > > > **New proposed meeting time: 2pm (PSnet Exec, with vendors arriving 2:30) - 4pm, still on Tuesday February 14.**
> > > >
> > > > First question: Scott, can the Brookline Town Hall room reservation be shifted to 2pm?
> > > >
> > > > Second question: All, please email me as soon as possible if you have conflicts with the new time so that we can assess and come up with Plan C if necessary.
> > > >
> > > > Thank you!
> > > > Sarah
> > > >
> > > > --

Sarah Plowman
Regional Planner
Mayor's Office of Emergency Management
Boston City Hall, Room 204

One City Hall Square | Boston, MA 02201
Phone: 617.635.1400
Fax: 617.635.2974

The substance of this message, including any attachments, may be confidential, legally privileged and/or exempt from disclosure pursuant to Massachusetts law. It is intended solely for the addressee. If you received this in error, please contact the sender and delete the material from any computer.

--

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--

Sarah Plowman
Regional Planner
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One City Hall Square | Boston, MA 02201
Phone: 617.635.1400
Fax: 617.635.2974

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Tuesday, February 07, 2017 8:55 AM EST
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Eamon.Miller@Boston.gov
Subject: Fwd: Parade route Cameras FLIR

Eric Johnson
Security Project Manager
Lan-Tel Communications
1400 Providence Highway,
Suite 3100
Norwood, MA 02062
(617) 785-8254
ejohnson@lan-tel.com

Begin forwarded message:

> **From:** <ejohnson@Lan-Tel.com>
> **Date:** February 7, 2017 at 8:51:56 AM EST
> **To:** Louie Madeira <louis.madeira@pd.boston.gov>
> **Subject: Parade route Cameras**
>
> D4 cameras
> Boylston dalton 1
> Boylston dalton2
> Boylston Hereford
> St James Dartmouth
> 500 boylston
> Boylston Clarendon
> 222 Berkeley
> Boylston - Arlington (best Boylston
>
> A1
> Ritz 1
> 80 Boylston
> Tremont - Avery
> Tremont west
> Tremont temple
> Tremont winter 1
> Tremont winter 3
> Tremont Park 3
> Tremont Park 2
> Tremont Bromfield PTZ
> Tremont Bromfield 2
> Tremont Bromfield 1
> Tremont camb 2
> Tremont camb 3
> Tremont camb Ptz
> Charles B staniford
>
> Eric Johnson
> Security Project Manager
> Lan-Tel Communications
> 1400 Providence Highway,
> Suite 3100
> Norwood, MA 02062
> (617) 785-8254
> ejohnson@lan-tel.com

From: Michael Kane <michael.kane@boston.gov>
Sent: Tuesday, February 07, 2017 9:02 AM EST
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
CC: Sgt Mike Cunniffe <Sgt Mike Cunniffe <john.cunniffe@pd.boston.gov>>; Vin Stancato <Vin Stancato <vstancato@lan-tel.com>>
Subject: Mk: Parade route Cameras FLIR

Thanks. Lou made a salvo and Vin is over here.

Stay safe today.

Mike

Michael Kane
Logistics Section
City of Boston
Office of Emergency Management
617-343-2413
617-895-7215

On Feb 7, 2017, at 08:55, Eric Johnson <ejohnson@lan-tel.com> wrote:

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Security Project Manager
Lan-Tel Communications
1400 Providence Highway,
Suite 3100
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From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Tuesday, February 07, 2017 9:03 AM EST
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
CC: Sgt Mike Cunniffe <Sgt Mike Cunniffe <john.cunniffe@pd.boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>
Subject: Re: Mk: Parade route Cameras FLIR

Roger thanks

Eric Johnson
Security Project Manager
Lan-Tel Communications
1400 Providence Highway,
Suite 3100
Norwood, MA 02062
(617) 785-8254
ejohnson@lan-tel.com

On Feb 7, 2017, at 9:02 AM, Michael Kane <michael.kane@boston.gov> wrote:

> Thanks. Lou made a salvo and Vin is over here.
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> Stay safe today.
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> Michael Kane
> Logistics Section
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> 617-343-2413
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1400 Providence Highway,
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(617) 785-8254
ejohnson@lan-tel.com

From: Michael Kane <michael.kane@boston.gov>
Sent: Wednesday, February 08, 2017 6:17 PM EST
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Mike Kane : Vizio 70" flatscreen and stand quote request 15 sets and set up
Attachment(s): "IMG_2340.JPG"

Eric-

Can I get a quote for 15 units with set up.

Thanks my man,

Mike
>
>

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, February 08, 2017 6:35 PM EST
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
Subject: Re: Mike Kane : Vizio 70" flatscreen and stand quote request 15 sets and set up

Absolutely thank you

Eric Johnson
Security Project Manager
Lan-Tel Communications
1400 Providence Highway,
Suite 3100
Norwood, MA 02062
(617) 785-8254
ejohnson@lan-tel.com

On Feb 8, 2017, at 6:17 PM, Michael Kane <michael.kane@boston.gov> wrote:

> Eric-
>
> Can I get a quote for 15 units with set up.
>
> Thanks my man,
>
> Mike
>
> <IMG_2340.JPG>

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Thursday, February 09, 2017 11:38 AM EST
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
Subject: Re: Mike Kane : Vizio 70" flatscreen and stand quote request 15 sets and set up

Mike do you want camera as well ? and what is equipment on shelf ? I assume a city computer.

From: Michael Kane <michael.kane@boston.gov>
Sent: Wednesday, February 8, 2017 6:17:47 PM
To: Eric Johnson
Subject: Mike Kane : Vizio 70" flatscreen and stand quote request 15 sets and set up

Eric-

Can I get a quote for 15 units with set up.

Thanks my man,

Mike
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>

From: Michael Kane <michael.kane@boston.gov>
Sent: Thursday, February 09, 2017 11:48 AM EST
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Mike Kane : Vizio 70" flatscreen and stand quote request 15 sets and set up

No camera. And yes correct we will have our own laptop. I was looking at a pelican and gator cases with built in stands to make this a mobile solution.

On Thu, Feb 9, 2017 at 11:38 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:

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> >

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Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Thursday, February 09, 2017 11:51 AM EST
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
Subject: Re: Mike Kane : Vizio 70" flatscreen and stand quote request 15 sets and set up

Roger thanks

Eric Johnson
Security Project Manager
Lan-Tel Communications
1400 Providence Highway,
Suite 3100
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On Feb 9, 2017, at 11:48 AM, Michael Kane <michael.kane@boston.gov> wrote:

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> > **Sent:** Wednesday, February 8, 2017 6:17:47 PM
> > **To:** Eric Johnson
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Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Sunday, February 12, 2017 3:03 PM EST
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
Subject: 70 inch monitor quote
Attachment(s): "OEM Vizio 70 Inch quote.pdf","OEM LG 4k 70 Inch quote.pdf"

Mike
Here are the quotes for the monitors. I gave you an extra quote for LG 4K monitor since the Vizios are only 1080P. This is just to compare if you wanted more quality. Just a thought.

Here is also a contact for cases they are local ? Worcester will build to spec. ask for Dan. Worked with him in past

http://www.imageproductionservices.com/

Image Production Services: Event Production Services

www.imageproductionservices.com

Case Products. Image Production Services is a comprehensive manufacturer of ATA (Airline Transport Association) Spec. 300 reusable shipping cases.

Eric Johnson
Security Project Manager
Lan-Tel Communications
1400 Providence Highway,
Suite 3100
Norwood, MA 02062
(617) 785-8254
ejohnson@lan-tel.com

From: Sarah Plowman <sarah.plowman@boston.gov>
Sent: Monday, February 13, 2017 10:14 AM EST
To: John Surette <John Surette <john.surette@pd.boston.gov>>; Alan Alpert <Alan Alpert <aalpert@chelseama.gov>>; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Chuck Wade <Chuck Wade <chuck@interisle.net>>; Colin Strutt <Colin Strutt <colin@interisle.net>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <damahoney@cambridgefire.org>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Ed Hernandez Sr. < Ed Hernandez Sr. <ehernandez@chelseama.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Fred Goldstein <Fred Goldstein <fred@interisle.net>>; Glen Turner <Glen Turner <gturner@cambridgefire.org>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; John Cowhig <John Cowhig <jcowhig@chelseama.gov>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Ken Pitts <Ken Pitts <kpitts@cambridge911.org>>; Michael Cobb <Michael Cobb <mcobb@ftgtechnologies.com>>; Michael Saltzman <Michael Saltzman <michael.saltzman@state.ma.us>>; Mike Kiely <Mike Kiely <mkiely@police.somerville.ma.us>>; Robert Griffin <Robert Griffin <rgriffin@chelseama.gov>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Sean Doherty <Sean Doherty <sdoherty@ftgtechnologies.com>>; Shawn Romanoski <Shawn Romanoski <shawn.romanoski@pd.boston.gov>>; Shiro Ando <Shiro Ando <sando@ftgtechnologies.com>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Steven Ford <Steven Ford <sford@reverepolice.org>>
Subject: PSnet meeting tomorrow: reminder

Hello all,

Just wanted to remind you and confirm that despite our lovely winter weather, the PSnet meeting is in fact still on tomorrow! Also don't forget we've had a change of time and venue. **The meeting tomorrow, February 14, will begin at 2pm (vendors, please arrive at 2:30pm). It will be held at the Somerville Police Department**, at 220 Washington St, Somerville.

Thanks, and see you tomorrow afternoon!
Sarah

--

Sarah Plowman
Regional Planner
Mayor's Office of Emergency Management
Boston City Hall, Room 204

One City Hall Square | Boston, MA 02201
Phone: 617.635.1400
Fax: 617.635.2974

From: Michael Kiely <mkiely@police.somerville.ma.us>
Sent: Monday, February 13, 2017 11:26 AM EST
To: Sarah Plowman <Sarah Plowman <sarah.plowman@boston.gov>>; John Surette <John Surette <john.surette@pd.boston.gov>>; Alan Alpert <Alan Alpert <aalpert@chelseama.gov>>; Christopher Major <Christopher Major <CMajor@somervillema.gov>>; Chuck Wade <Chuck Wade <chuck@interisle.net>>; Colin Strutt <Colin Strutt <colin@interisle.net>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <damahoney@cambridgefire.org>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Ed Hernandez Sr. <Ed Hernandez Sr. <ehernandez@chelseama.gov>>; Eric Johnson <Eric Johnson <ejohnson@lantel.com>>; Fred Goldstein < Fred Goldstein <fred@interisle.net>>; Glen Turner <Glen Turner <gturner@cambridgefire.org>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; John Cowhig <John Cowhig <jcowhig@chelseama.gov>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Ken Pitts <Ken Pitts <kpitts@cambridge911.org>>; Michael Cobb <Michael Cobb <mcobb@ftgtechnologies.com>>; Michael Saltzman < Michael Saltzman <michael.saltzman@state.ma.us>>; Robert Griffin <Robert Griffin <rgriffin@chelseama.gov>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Scott Wilder < Scott Wilder <swilder@brooklinema.gov>>; Sean Doherty <Sean Doherty <sdoherty@ftgtechnologies.com>>; Shawn Romanoski <Shawn Romanoski <shawn.romanoski@pd.boston.gov>>; Shiro Ando <Shiro Ando <sando@ftgtechnologies.com>>; Stan Reichgott < Stan Reichgott <sreichgott@brooklinema.gov>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Steven Ford <Steven Ford <sford@reverepolice.org>>
Subject: RE: PSnet meeting tomorrow: reminder

All; there is absolutely NO PARKING due to the snow, please allow extra time to get a spot.
Thanks,
Mike

From: Sarah Plowman [mailto:sarah.plowman@boston.gov]
Sent: Monday, February 13, 2017 10:14 AM
To: John Surette; Alan Alpert; Christopher Major; Chuck Wade; Colin Strutt; Dan Rothman; David Mahoney; Deirdre Habershaw; Ed Hernandez Sr.; Eric Johnson; Fred Goldstein; Glen Turner; Harold Cataldo; John Cowhig; Karen Coye; Ken Pitts; Michael Cobb; Michael Saltzman; Michael Kiely; Robert Griffin; Robert Verdone; Scott Wilder; Sean Doherty; Shawn Romanoski; Shiro Ando; Stan Reichgott; Stephen Maywalt; Steven Ford
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Thanks, and see you tomorrow afternoon!
Sarah

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Sarah Plowman
Regional Planner
Mayor's Office of Emergency Management
Boston City Hall, Room 204

One City Hall Square | Boston, MA 02201
Phone: 617.635.1400
Fax: 617.635.2974

From: Griffin, Robert <RGriffin@chelseama.gov>
Sent: Monday, February 13, 2017 12:15 PM EST
To: Michael Kiely <'Michael Kiely' <mkiely@police.somerville.ma.us>>; Sarah Plowman <'Sarah Plowman' <sarah.plowman@boston.gov>>; John Surette <'John Surette' <john.surette@pd.boston.gov>>; Alpert, Allan; Christopher Major <'Christopher Major' <CMajor@somervillema.gov>>; Chuck Wade <'Chuck Wade' <chuck@interisle.net>>; Colin Strutt <'Colin Strutt' <colin@interisle.net>>; Dan Rothman <'Dan Rothman' <dan.rothman@boston.gov>>; David Mahoney <'David Mahoney' <damahoney@cambridgefire.org>>; Deirdre Habershaw <'Deirdre Habershaw' <deirdre.habershaw@boston.gov>>; Hernandez, Edwin; Eric Johnson <'Eric Johnson' <ejohnson@lan-tel.com>>; Fred Goldstein <'Fred Goldstein' <fred@interisle.net>>; Glen Turner <'Glen Turner' <gturner@cambridgefire.org>>; Harold Cataldo <'Harold Cataldo' <harold.cataldo@pd.boston.gov>>; Cowhig, John; Karen Coye <'Karen Coye' <kcoye@ftgsecurity.com>>; Ken Pitts <'Ken Pitts' <kpitts@cambridge911.org>>; Michael Cobb <'Michael Cobb' <mcobb@ftgtechnologies.com>>; Michael Saltzman <'Michael Saltzman' <michael.saltzman@state.ma.us>>; Verdone, Robert; Scott Wilder <'Scott Wilder' <swilder@brooklinema.gov>>; Sean Doherty <'Sean Doherty' <sdoherty@ftgtechnologies.com>>; Shawn Romanoski <'Shawn Romanoski' <shawn.romanoski@pd.boston.gov>>; Shiro Ando <'Shiro Ando' <sando@ftgtechnologies.com>>; Stan Reichgott <'Stan Reichgott' <sreichgott@brooklinema.gov>>; Stephen Maywalt <'Stephen Maywalt' <smaywalt@cambridgepolice.org>>; Steven Ford <'Steven Ford' <sford@reverepolice.org>>
Subject: RE: PSnet meeting tomorrow: reminder

I will not be able to attend tomorrow. Sgt John Cowhig is only with us for two more days. Not sure if he'll be attending either. I'm waiting to hear from Officer Heranndez.

LT. ROBERT E. GRIFFIN
Chelsea Police Department
Technical Services
19 Park Street
Chelsea, Massachusetts 02150
617-466-4818
rgriffin@chelseama.gov

From: Michael Kiely [mailto:mkiely@police.somerville.ma.us]
Sent: Monday, February 13, 2017 11:27 AM
To: Sarah Plowman; John Surette; Alpert, Allan; Christopher Major; Chuck Wade; Colin Strutt; Dan Rothman; David Mahoney; Deirdre Habershaw; Hernandez, Edwin; Eric Johnson; Fred Goldstein; Glen Turner; Harold Cataldo; Cowhig, John; Karen Coye; Ken Pitts; Michael Cobb; Michael Saltzman; Griffin, Robert; Verdone, Robert; Scott Wilder; Sean Doherty; Shawn Romanoski; Shiro Ando; Stan Reichgott; Stephen Maywalt; Steven Ford
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Regional Planner
Mayor's Office of Emergency Management
Boston City Hall, Room 204

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Phone: 617.635.1400
Fax: 617.635.2974

From: Harold Cataldo <harold.cataldo@pd.boston.gov>
Sent: Monday, February 13, 2017 12:24 PM EST
To: Sarah Plowman <Sarah Plowman <sarah.plowman@boston.gov>>
CC: John Surette <John Surette <john.surette@pd.boston.gov>>; Alan Alpert <Alan Alpert <aalpert@chelseama.gov>>; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Chuck Wade <Chuck Wade <chuck@interisle.net>>; Colin Strutt <Colin Strutt <colin@interisle.net>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <damahoney@cambridgefire.org>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Ed Hernandez Sr. < Ed Hernandez Sr. <ehernandez@chelseama.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Fred Goldstein <Fred Goldstein <fred@interisle.net>>; Glen Turner <Glen Turner <gturner@cambridgefire.org>>; John Cowhig <John Cowhig <jcowhig@chelseama.gov>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Ken Pitts <Ken Pitts <kpitts@cambridge911.org>>; Michael Cobb <Michael Cobb <mcobb@ftgtechnologies.com>>; Michael Saltzman <Michael Saltzman <michael.saltzman@state.ma.us>>; Mike Kiely <Mike Kiely <mkiely@police.somerville.ma.us>>; Robert Griffin <Robert Griffin <rgriffin@chelseama.gov>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Sean Doherty <Sean Doherty <sdoherty@ftgtechnologies.com>>; Shawn Romanoski <Shawn Romanoski <shawn.romanoski@pd.boston.gov>>; Shiro Ando <Shiro Ando <sando@ftgtechnologies.com>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Steven Ford <Steven Ford <sford@reverepolice.org>>
Subject: Re: PSnet meeting tomorrow: reminder

I'll be there

On Feb 13, 2017, at 10:14, Sarah Plowman <sarah.plowman@boston.gov> wrote:

> Hello all,
>
> Just wanted to remind you and confirm that despite our lovely winter weather, the PSnet meeting is in fact still on tomorrow! Also don't forget we've had a change of time and venue. **The meeting tomorrow, February 14, will begin at 2pm (vendors, please arrive at 2:30pm). It will be held at the Somerville Police Department**, at 220 Washington St, Somerville.
>
> Thanks, and see you tomorrow afternoon!
> Sarah
>
> --
> **Sarah Plowman**
> Regional Planner
> Mayor's Office of Emergency Management
> Boston City Hall, Room 204
>
> One City Hall Square | Boston, MA 02201
> Phone: 617.635.1400
> Fax: 617.635.2974

From: Cowhig, John <JCowhig@chelseama.gov>
Sent: Monday, February 13, 2017 3:33 PM EST
To: Sarah Plowman <'Sarah Plowman' <sarah.plowman@boston.gov>>; John Surette <John Surette <john.surette@pd.boston.gov>>; Alpert, Allan; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Chuck Wade <Chuck Wade <chuck@interisle.net>>; Colin Strutt <Colin Strutt <colin@interisle.net>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <damahoney@cambridgefire.org>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Hernandez, Edwin; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Fred Goldstein <Fred Goldstein <fred@interisle.net>>; Glen Turner <Glen Turner <gturner@cambridgefire.org>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Ken Pitts <Ken Pitts <kpitts@cambridge911.org>>; Michael Cobb <Michael Cobb <mcobb@ftgtechnologies.com>>; Michael Saltzman <Michael Saltzman <michael.saltzman@state.ma.us>>; Mike Kiely <Mike Kiely <mkiely@police.somerville.ma.us>>; Griffin, Robert; Verdone, Robert; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Sean Doherty <Sean Doherty <sdoherty@ftgtechnologies.com>>; Shawn Romanoski <Shawn Romanoski <shawn.romanoski@pd.boston.gov>>; Shiro Ando <Shiro Ando <sando@ftgtechnologies.com>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Steven Ford <Steven Ford <sford@reverepolice.org>>
Subject: RE: PSnet meeting tomorrow: reminder

Not sure

Sgt. John A. Cowhig
Chelsea Police Department
19 Park Street
Chelsea, MA 02150

(617) 466-4809 (Office)
(617) 466-4854 (Fax)

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From: Sarah Plowman [mailto:sarah.plowman@boston.gov]
Sent: Monday, February 13, 2017 10:14 AM
To: John Surette; Alpert, Allan; Christopher Major; Chuck Wade; Colin Strutt; Dan Rothman; David Mahoney; Deirdre Habershaw; Hernandez, Edwin; Eric Johnson; Fred Goldstein; Glen Turner; Harold Cataldo; Cowhig, John; Karen Coye; Ken Pitts; Michael Cobb; Michael Saltzman; Mike Kiely; Griffin, Robert; Verdone, Robert; Scott Wilder; Sean Doherty; Shawn Romanoski; Shiro Ando; Stan Reichgott; Stephen Maywalt; Steven Ford
Subject: PSnet meeting tomorrow: reminder

Hello all,

Just wanted to remind you and confirm that despite our lovely winter weather, the PSnet meeting is in fact still on tomorrow! Also don't forget we've had a change of time and venue. **The meeting tomorrow, February 14, will begin at 2pm (vendors, please arrive at 2:30pm). It will be held at the Somerville Police Department**, at 220 Washington St, Somerville.

Thanks, and see you tomorrow afternoon!
Sarah

--
Sarah Plowman
Regional Planner
Mayor's Office of Emergency Management
Boston City Hall, Room 204

One City Hall Square | Boston, MA 02201
Phone: 617.635.1400
Fax: 617.635.2974

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, February 15, 2017 2:14 PM EST
To: Wayne Carter <Wayne Carter <wcarter@town.winthrop.ma.us>>; tdelehanty@town.winthrop.ma.us; Ford Lt Steven < Ford Lt Steven <sford@reverepolice.org>>; Bruker Det Kenneth <Bruker Det Kenneth <kbruker@reverepolice.org>>; pmonzione@chelseama.gov; Griffin, Robert; BKyes@chelseama.gov; Jeffrey Gilmore <Jeffrey Gilmore <jeffrey.gilmore@cityofeverett.org>>; Michael Kiely <Michael Kiely <mkiely@police.somerville.ma.us>>; Mike Carazza < Mike Carazza <michael.carazza@wynnmass.com>>; Dauenhauer, Greg; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Pd Quincy Joe P < Pd Quincy Joe P <jpepjonovich@quincyma.gov>>; Gillan LT Bob <Gillan LT Bob <rgillan@quincyma.gov>>; mdimeo@marshfieldpolice.org; Shawn Romanoski <Shawn Romanoski <shawn.romanoski@pd.boston.gov>>; Louie Madeira < Louie Madeira <louis.madeira@pd.boston.gov>>; Tony Eliopoulos <Tony Eliopoulos <tony.eliopoulos@pd.boston.gov>>; Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; Rob Mallett <Rob Mallett <rmallett@townofmilton.org>>
Subject: REMINDER FOR MARCH 28 , 2017
Attachment(s): "Flir training.pdf"

Just a gentle nudge .....
Training day will be here shortly! if you have not doe so, please respond only so I can get a strong head count...
if you would like to send someone else from your respected departments please let me know.

Responses thus far :
Joe P -Quincy Police
Steve Ford -Revere Police
Ken Bruker - Revere Police

Please and Thank You !

Eric Johnson
Security Project Manager
Lan-Tel Communications
1400 Providence Highway,
Suite 3100
Norwood, MA 02062
(617) 785-8254
ejohnson@lan-tel.com

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, February 15, 2017 2:59 PM EST
To: Wayne Carter <Wayne Carter <wcarter@town.winthrop.ma.us>>; tdelehanty@town.winthrop.ma.us; Ford Lt Steven < Ford Lt Steven <sford@reverepolice.org>>; Bruker Det Kenneth <Bruker Det Kenneth <kbruker@reverepolice.org>>; pmonzione@chelseama.gov; Griffin, Robert; BKyes@chelseama.gov; Jeffrey Gilmore <Jeffrey Gilmore <jeffrey.gilmore@cityofeverett.org>>; Michael Kiely <Michael Kiely <mkiely@police.somerville.ma.us>>; Mike Carazza < Mike Carazza <michael.carazza@wynnmass.com>>; Dauenhauer, Greg; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Pd Quincy Joe P < Pd Quincy Joe P <jpepjonovich@quincyma.gov>>; Gillan LT Bob <Gillan LT Bob <rgillan@quincyma.gov>>; mdimeo@marshfieldpolice.org; Shawn Romanoski <Shawn Romanoski <shawn.romanoski@pd.boston.gov>>; Louie Madeira < Louie Madeira <louis.madeira@pd.boston.gov>>; Tony Eliopoulos <Tony Eliopoulos <tony.eliopoulos@pd.boston.gov>>; Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; Rob Mallett <Rob Mallett <rmallett@townofmilton.org>>
Subject: Re: REMINDER FOR MARCH 28 , 2017

Eric Johnson recalls this email

From: Eric Johnson
Sent: Wednesday, February 15, 2017 2:14:24 PM
To: Wayne Carter; tdelehanty@town.winthrop.ma.us; Ford Lt Steven; Bruker Det Kenneth; pmonzione@chelseama.gov; Griffin, Robert; BKyes@chelseama.gov; Jeffrey Gilmore; Michael Kiely; Mike Carazza ; Dauenhauer, Greg; Scott Wilder; Pd Quincy Joe P; Gillan LT Bob; mdimeo@marshfieldpolice.org; Shawn Romanoski; Louie Madeira; Tony Eliopoulos; Eamon Miller; Deirdre Habershaw; Harold Cataldo; Rob Mallett
Subject: REMINDER FOR MARCH 28 , 2017

Just a gentle nudge .....
Training day will be here shortly! if you have not doe so, please respond only so I can get a strong head count...
if you would like to send someone else from your respected departments please let me know.

Responses thus far :
Joe P -Quincy Police
Steve Ford -Revere Police
Ken Bruker - Revere Police

Please and Thank You !

Eric Johnson
Security Project Manager
Lan-Tel Communications
1400 Providence Highway,
Suite 3100
Norwood, MA 02062
(617) 785-8254
ejohnson@lan-tel.com

From: Eamon Miller <eamon.miller@boston.gov>
Sent: Thursday, February 16, 2017 3:43 PM EST
To: Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>
CC: Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>
BCC: deirdre.habershaw@boston.gov <deirdre.habershaw@boston.gov>
Subject: Re: BPD Headquarters EHP Approval
Attachment(s): "Schroeder Plaza Proposal Package November 11, 2014.pdf"

Shawn and Eric,

Can you send me an updated scope of work for the BPD HQ camera installation? I need to get it over to Lisa O'Brien and Jenny Prosser to start the contract process. The attached is the outdated one.

Thank you,
Eamon

On Sat, Feb 11, 2017 at 9:32 AM, Shawn Romanoski<Shawn.Romanoski@pd.boston.gov > wrote:

> Thank you Eamon!!
>
> Shawn
>
> **Shawn Romanoski**
>
> **Director of Telecommunications**
>
> **Boston Police Department**
>
> **617-594-2994**
>
> **From:** Eamon Miller [mailto:eamon.miller@boston.gov]
> **Sent:** Friday, February 10, 2017 1:35 PM
> **To:** Shawn Romanoski <Shawn.Romanoski@pd.boston.gov >
> **Subject:** BPD Headquarters EHP Approval
>
> Hi Shawn,
>
> Please see the attached EHP approval for the BPD Headquarters camera installation. Let talk next steps soon!
>
> Eamon
>
> --
>
> **Eamon Miller**
>
> **Regional Planner**
>
> **Office of Emergency Management (OEM)**
> Boston City Hall, Room 204 | Boston, MA 02201
> Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov
>
>

--

Eamon Miller
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Friday, February 17, 2017 3:56 PM EST
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
Subject: Re:

Never heard of it but Romo good friends with him

Eric Johnson
Security Project Manager
Lan-Tel Communications
1400 Providence Highway,
Suite 3100
Norwood, MA 02062
(617) 785-8254
ejohnson@lan-tel.com

On Feb 17, 2017, at 3:54 PM, Michael Kane <michael.kane@boston.gov> wrote:

> What is apta? You think I I could get in there? I know Randy and had good experience with him?
>
> Michael Kane
> Logistics Section
> City of Boston
> Office of Emergency Management
> 617-343-2413
> 617-895-7215
>
> On Feb 17, 2017, at 14:36, Eric Johnson <ejohnson@lan-tel.com> wrote:
>
> > https://www.linkedin.com/hp/update/6238200680423710720
> >
> > Eric Johnson
> > Security Project Manager
> > Lan-Tel Communications
> > 1400 Providence Highway,
> > Suite 3100
> > Norwood, MA 02062
> > (617) 785-8254
> > ejohnson@lan-tel.com

From: Monzione, Pam <PMonzione@chelseama.gov>
Sent: Tuesday, February 21, 2017 3:22 PM EST
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>
CC: Eric Johnson <'Eric Johnson' <ejohnson@Lan-Tel.com>>
Subject: 10 New Cameras

Hi,

Just checking what the procedure is for getting these 10 cameras installed? Is it as simple as letting Eric know that he can? Please let me know. This was part of our abstract and it was rolled into the CIMS project. Thanks/Pam

Pamela J. Monzione
Chelsea Police Department
19 Park Street
Chelsea, Massachusetts 02150
617-466-4815 (Office)
617-466-4854 (Fax)

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From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, February 22, 2017 12:04 PM EST
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
Subject: Quote for monitors

Sir Did you receive quote for monitors . I have received other pricing since then

Eric Johnson ☘
Security Project Manager
Lan-Tel Communications
1400 Providence Highway,
Suite 3100
Norwood, MA 02062
(617) 785-8254
ejohnson@lan-tel.com

From: Michael Kane <michael.kane@boston.gov>
Sent: Wednesday, February 22, 2017 12:20 PM EST
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: Quote for monitors

You going to be at drydock at 130?

Michael Kane
Logistics Section
City of Boston
Office of Emergency Management
617-343-2413
617-895-7215

On Feb 22, 2017, at 12:04, Eric Johnson <ejohnson@lan-tel.com> wrote:

> Sir Did you receive quote for monitors . I have received other pricing since then
>
> Eric Johnson ☘
> Security Project Manager
> Lan-Tel Communications
> 1400 Providence Highway,
> Suite 3100
> Norwood, MA 02062
> (617) 785-8254
> ejohnson@lan-tel.com

From: Eamon Miller <eamon.miller@boston.gov>
Sent: Wednesday, February 22, 2017 5:17 PM EST
To: Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: Re: 10 New Cameras

Eric or Deirdre,

Can either of you speak to this for me?

Eamon

On Tue, Feb 21, 2017 at 3:22 PM, Monzione, Pam<PMonzione@chelseama.gov> wrote:

> Hi,
>
> Just checking what the procedure is for getting these 10 cameras installed? Is it as simple as letting Eric know that he can? Please let me know. This was part of our abstract and it was rolled into the CIMS project. Thanks/Pam
>
> Pamela J. Monzione
>
> Chelsea Police Department
>
> 19 Park Street
>
> Chelsea, Massachusetts 02150
>
> 617-466-4815 (Office)
>
> 617-466-4854 (Fax)
>
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--

Eamon Miller
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, February 22, 2017 5:22 PM EST
To: Eamon Miller <Eamon Miller <eamon.miller@boston.gov>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: Re: 10 New Cameras
Attachment(s): "Chelsea 10 cameras.pdf"

Eamon
I believe this might be it
Eric

From: Eamon Miller <eamon.miller@boston.gov>
Sent: Wednesday, February 22, 2017 5:17:41 PM
To: Eric Johnson; Deirdre Habershaw
Subject: Re: 10 New Cameras

Eric or Deirdre,

Can either of you speak to this for me?

Eamon

On Tue, Feb 21, 2017 at 3:22 PM, Monzione, Pam<PMonzione@chelseama.gov> wrote:

> Hi,
>
> Just checking what the procedure is for getting these 10 cameras installed? Is it as simple as letting Eric know that he can? Please let me know. This was part of our abstract and it was rolled into the CIMS project. Thanks/Pam
>
> Pamela J. Monzione
> Chelsea Police Department
> 19 Park Street
> Chelsea, Massachusetts 02150
> 617-466-4815 (Office)
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>
> **Go Green: Please do not print this e-mail unless you really need to.**
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--

Eamon Miller
Regional Planner

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

LAN-TEL Communications, Inc.
1400 Providence Highway
Building #2, Suite 2000
Norwood, MA 02062
Phone: 781.551.8599
Fax: 781.551.8667
www.lan-tel.com

Date: February 22, 2016

To: Chelsea Police Department
Attn. Pamela J. Monzione
19 Park Street
Chelsea, Ma. 02150
617-466-4815

From: Eric Johnson
Lan-Tel Communications Inc.
1400 Providence Highway
Suite 2000
Building 2
Norwood, Ma. 02062
(Ph) 781-352-4056
(Fax) 781-551-8667
ejohnson@lan-tel.com

Re: Install 10 PTZs CIMS Network

Thank you for the opportunity to present LAN-TEL Communications, Inc.'s quote for the installation of the PTZ cameras. Our quote is based upon the information, the instructions, and requirements, reviewed. I am confident you will find our quote to be complete in terms of scope, compliant and consistent with State contract FAC64 along with information received.
If you have any questions, please call me at (617) 413-2148, or simply e-mail me at ejohnson@lan-tel.com

I look forward to reviewing our proposal with you and thank you again for your continued consideration of LAN-TEL Communications, Inc.

Quote Summary:

LAN-TEL Communications, Inc.'s lump sum quotes to supply all labor, cable, coring, required equipment, project management, insurances and permits to successful complete the installation of the PTZ CCTV systems.

LAN-TEL Communications, Inc.
1400 Providence Highway
Building #2, Suite 2000
Norwood, MA 02062
Phone: 781.551.8599
Fax: 781.551.8667
www.lan-tel.com

PTZ Locations

Eastern Avenue and Crescent Avenue

Everett Ave and Carter Street

Pole Margolis Pharmacy Broadway

Washington Avenue and Heard Street

Broadway and Eastern Avenue

Broadway and Stockton Street

Broadway and Crescent Avenue

Everett Ave and Revere Beach Parkway

Washington Avenue and Revere Beach Parkway

100 Bellingham Hill

Antenna Location

Build out of Antenna Hub at Broadway Glen 855 Broadway

Stock List

QTY:	VENDOR	PART#	Description:	EACH	TOTAL
0	DVTEL	CM-4221-11-I	Dvtel Fixed camera CM-4221-11 -I	$714.29	$0.00
10	DVTEL	CP-4221-301	Dvtel HD 30 x Zoom CP 4221-301	$2,574.00	$25,740.00
10	STAHLIN	J1614HPL	NEMA Enclosure 16 x 14	$312.00	$3,120.00
22	UBIQUITI	NM5	Ubiquiti Antenna	$130.00	$2,860.00
10	HP		5 port Gig switch	$78.00	$780.00
1	UBIQUITI		Ubiquiti Backhaul	$260.00	$260.00
10	ALTRONIX	T2428175	24 v Power Supplies	$52.00	$520.00
10	DVTEL	CX-ARMX 1	Dvtel Bracket Arm	$71.50	$715.00
2	STOCK		1/12 Aluminum Pipe	$52.00	$104.00
10	DVTEL		Camera Licenses	$159.90	$1,599.00
1	SKYWALKER		Antenna sleds SKY32816	$156.00	$156.00
0	DVTEL	CM-CAPX-0	DVTEL SHROUDS	$53.30	$0.00
10	FISHER	FP283A-1-048-NHN	PHOTOELECTRIC	$149.50	$1,495.00
500	Belden	CAT 5e	CABLE	$0.38	$188.50
20	PELCO		POLE BRACKETS	$26.00	$520.00
		STOCK & LABOR	**43186 + 12000**		
		TOTAL	**55,186.00**		

LAN-TEL Communications, Inc.
1400 Providence Highway
Building #2, Suite 2000
Norwood, MA 02062
Phone: 781.551.8599
Fax: 781.551.8667
www.lan-tel.com

PTZ Camera Installation

1. Provide and install (10) DVTEL PTZ 30 X camera with required brackets and device licenses.
2. Provide and install (22) Ubiquiti antennas
3. Provide and install (10) NEMA enclosures.
4. Provide and install (10) photoelectric adapters
5. Provide and install (10) 5 port network switches
6. Provide and install (10) camera power supplies
7. Hardware, cable and bucket truck as needed.

Cost for equipment, hardware and labor will be:
$55,186.00

Qualifications:

1. Normal working hours are between 7:00AM and 4:00PM Monday through Friday, excluding holidays, unless otherwise directed, with premium labor adjustments applied per approved change order protocol.
2. All security work is to be coordinated and completed by LAN-TEL.
3. We assume all conduits, coring, sleeves, workboxes, floor boxes, poke-thru with trim flanges, grounding backbone & bus bars, power, and rubbish removal from the central sweep point will be completed by LAN-TEL.
4. We shall fire-stop and seal only those sleeves, conduits, cores, utilized by LAN-TEL for the work specified.
5. We shall provide a one year product warranty under FAC64 against defects and on overall craftsmanship, starting from the date of substantial completion.
6. Warranty does not include any repairs of equipment damaged by vandalism, misuse, or “Acts of God”.
7. Underground utilities are to be marked and located by the owner. LAN-TEL will not be responsible for any underground utilities improperly marked.
8. Job permits are included in the total proposal cost.
9. Full and uninterrupted access to all the work locations is required.
10. This proposal is in effect for 60 days unless otherwise extended by LAN-TEL.

LAN-TEL Communications, Inc. **Chelsea Police Department**

By: ***Eric Johnson*** **By:** _____

Date: 2/22/2016 **Date:** _____

LAN-TEL Communications, Inc.
1400 Providence Highway
Building #2, Suite 2000
Norwood, MA 02062
Phone: 781.551.8599
Fax: 781.551.8667
www.lan-tel.com

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Monday, February 27, 2017 3:29 PM EST
To: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
Subject: FLIR training

Hi Eric,

Just checking in to see if there is training in Norwood tomorrow. Eamon and I were thinking of coming.

--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, February 27, 2017 3:31 PM EST
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: Re: FLIR training

Yes absolutely ! 9-12 glad you could make it !

Eric Johnson ☘
Security Project Manager
Lan-Tel Communications
1400 Providence Highway,
Suite 3100
Norwood, MA 02062
(617) 785-8254
ejohnson@lan-tel.com

On Feb 27, 2017, at 3:30 PM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:

> Hi Eric,
>
> Just checking in to see if there is training in Norwood tomorrow. Eamon and I were thinking of coming.
>
> --
> Deirdre Habershaw
> Project Director
> Mayor's Office of Emergency Management
> One City Hall Square, Rm 204
> 617-635-1400

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, February 28, 2017 3:54 PM EST
To: Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; Henry, Brian; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; Deloriea, Tom; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>; Michael Sulprizio <Michael Sulprizio <Michael.Sulprizio@boston.gov>>
Subject: Security Camera Strategy Meeting - Status Report
Attachment(s): "Security Camera Strategy Meeting_3-1-17.docx"

Attached is the status report for tomorrow's meeting.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Sarah Plowman <sarah.plowman@boston.gov>
Sent: Monday, March 06, 2017 4:56 PM EST
To: Chuck Wade <Chuck Wade <chuck@interisle.net>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
CC: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Mike Kiely <Mike Kiely <mkiely@police.somerville.ma.us>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <damahoney@cambridgefire.org>>
Subject: Vendor representation at PSnet Meetings

Hello Chuck, Karen, and Eric,

I hope your Monday is wrapping up well! Just wanted to reach out briefly with an update concerning the upcoming PSnet meeting next week, and other future meetings as well. Per request from the PSnet Executive Committee, we're asking that Interisle, FTG, and LAN-TEL each send just one person as a representative to the PSnet meetings. This is an effort to strategically curb costs. If at times you would like to bring more than one representative, you are more than welcome to do so, but please only invoice for one.

Thanks very much,
Sarah

--
Sarah Plowman
Regional Planner
Mayor's Office of Emergency Management
Boston City Hall, Room 204

One City Hall Square | Boston, MA 02201
Phone: 617.635.1400
Fax: 617.635.2974

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, March 06, 2017 5:15 PM EST
To: Sarah Plowman <Sarah Plowman <sarah.plowman@boston.gov>>
CC: Chuck Wade <Chuck Wade <chuck@interisle.net>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Mike Kiely <Mike Kiely <mkiely@police.somerville.ma.us>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <damahoney@cambridgefire.org>>
Subject: Re: Vendor representation at PSnet Meetings

Received

Eric Johnson ☘
Security Project Manager
Lan-Tel Communications
1400 Providence Highway,
Suite 3100
Norwood, MA 02062
(617) 785-8254
ejohnson@lan-tel.com

On Mar 6, 2017, at 4:56 PM, Sarah Plowman <sarah.plowman@boston.gov> wrote:

> Hello Chuck, Karen, and Eric,
>
> I hope your Monday is wrapping up well! Just wanted to reach out briefly with an update concerning the upcoming PSnet meeting next week, and other future meetings as well. Per request from the PSnet Executive Committee, we're asking that Interisle, FTG, and LAN-TEL each send just one person as a representative to the PSnet meetings. This is an effort to strategically curb costs. If at times you would like to bring more than one representative, you are more than welcome to do so, but please only invoice for one.
>
> Thanks very much,
> Sarah
>
> --
> **Sarah Plowman**
> Regional Planner
> Mayor's Office of Emergency Management
> Boston City Hall, Room 204
>
> One City Hall Square | Boston, MA 02201
> Phone: 617.635.1400
> Fax: 617.635.2974

From: Karen Coye <kcoye@ftgsecurity.com>
Sent: Tuesday, March 07, 2017 9:18 AM EST
To: Sarah Plowman <Sarah Plowman <sarah.plowman@boston.gov>>; Chuck Wade <Chuck Wade <chuck@interisle.net>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
CC: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Mike Kiely <Mike Kiely <mkiely@police.somerville.ma.us>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <damahoney@cambridgefire.org>>
Subject: RE: Vendor representation at PSnet Meetings

Understood.

Karen Coye | **Project Manager**
2 Batterymarch Park, Suite 401 | Quincy, MA 02169
M: 617-719-4861 | O: 339-502-6620 | kcoye@ftgsecurity.com

FTGSECURITY
AN FTG TECHNOLOGIES AFFILIATE

MA LIC 7051C
To open a new service request, please email servicecenter@ftgtechnologies.com or call 617-367-7474 to speak with someone in our 24 hour Network Operations Center.

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From: Sarah Plowman [mailto:sarah.plowman@boston.gov]
Sent: Monday, March 06, 2017 4:56 PM
To: Chuck Wade; Karen Coye; Eric Johnson
Cc: Deirdre Habershaw; Scott Wilder; Mike Kiely; Harold Cataldo; Dan Rothman; David Mahoney
Subject: Vendor representation at PSnet Meetings

Hello Chuck, Karen, and Eric,

I hope your Monday is wrapping up well! Just wanted to reach out briefly with an update concerning the upcoming PSnet meeting next week, and other future meetings as well. Per request from the PSnet Executive Committee, we're asking that Interisle, FTG, and LAN-TEL each send just one person as a representative to the PSnet meetings. This is an effort to strategically curb costs. If at times you would like to bring more than one representative, you are more than welcome to do so, but please only invoice for one.

Thanks very much,
Sarah

--
Sarah Plowman
Regional Planner
Mayor's Office of Emergency Management
Boston City Hall, Room 204

One City Hall Square Boston, MA 02201
Phone: 617.635.1400
Fax: 617.635.2974

From: Sarah Plowman <sarah.plowman@boston.gov>
Sent: Tuesday, March 07, 2017 9:29 AM EST
To: John Surette <John Surette <john.surette@pd.boston.gov>>; Alan Alpert <Alan Alpert <aalpert@chelseama.gov>>; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Chuck Wade <Chuck Wade <chuck@interisle.net>>; Colin Strutt <Colin Strutt <colin@interisle.net>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <damahoney@cambridgefire.org>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Ed Hernandez Sr. < Ed Hernandez Sr. <ehernandez@chelseama.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Fred Goldstein <Fred Goldstein <fred@interisle.net>>; Glen Turner <Glen Turner <gturner@cambridgefire.org>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; John Cowhig <John Cowhig <jcowhig@chelseama.gov>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Ken Pitts <Ken Pitts <kpitts@cambridge911.org>>; Michael Cobb <Michael Cobb <mcobb@ftgtechnologies.com>>; Michael Saltzman <Michael Saltzman <michael.saltzman@state.ma.us>>; Mike Kiely <Mike Kiely <mkiely@police.somerville.ma.us>>; Robert Griffin <Robert Griffin <rgriffin@chelseama.gov>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Sean Doherty <Sean Doherty <sdoherty@ftgtechnologies.com>>; Shawn Romanoski <Shawn Romanoski <shawn.romanoski@pd.boston.gov>>; Shiro Ando <Shiro Ando <sando@ftgtechnologies.com>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Steven Ford <Steven Ford <sford@reverepolice.org>>
Subject: PSnet Feb. meeting minutes & meeting next week
Attachment(s): "2.14.17 PSNEC minutes.pdf"

Hello PSnet Executive Committee & Vendors,

Attached please find the meeting minutes from our meeting a few weeks ago in February. Review at your own convenience. We'll leave a few minutes at the next meeting to comment on them and suggest any edits if they need to be made.

Also, by way of reminder, the next PSnet meeting is next week, Tuesday, March 14. Location will be Cambridge Water Department, first floor. (250 Fresh Pond Parkway, Cambridge). PSnet Exec members please arrive at 10am. Vendors please send your representative at 10:30.

Thanks very much!
Sarah

--

Sarah Plowman
Regional Planner
Mayor's Office of Emergency Management
Boston City Hall, Room 204

One City Hall Square | Boston, MA 02201
Phone: 617.635.1400
Fax: 617.635.2974

From: Michael Kiely <mkiely@police.somerville.ma.us>
Sent: Thursday, March 09, 2017 5:26 PM EST
To: Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>
CC: Sarah Plowman <Sarah Plowman <sarah.plowman@boston.gov>>; Chuck Wade <Chuck Wade <chuck@interisle.net>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <damahoney@cambridgefire.org>>
Subject: Re: Vendor representation at PSnet Meetings
Attachment(s): "image001.png"

Thank you Karen, have all the vendors acknowledged this directive?

Sgt. Michael Kiely
Homeland Security &
Emergency Management
(617) 625-1600x7241

On Mar 7, 2017, at 9:17 AM, Karen Coye <kcoye@ftgsecurity.com> wrote:

> Understood.
>
> **Karen Coye | Project Manager**
> 2 Batterymarch Park, Suite 401 | Quincy, MA 02169
> M: 617-719-4861 | O: 339-502-6620 | kcoye@ftgsecurity.com
> <image001.png>
> **MA LIC 7051C**
> *To open a new service request, please email servicecenter@ftgtechnologies.com or call 617-367-7474 to speak with someone in our 24 hour Network Operations Center.*
>
> Confidentiality Notice: The information transmitted in this e-mail is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged information.
> Any review, retransmission, dissemination or other use of or taking of any action in reliance upon this information by persons or entities other than the intended recipient is prohibited.
> If you received this e-mail in error, please contact the sender and delete the e-mail and any attached material immediately. Thank you.
>
> **From:** Sarah Plowman [mailto:sarah.plowman@boston.gov]
> **Sent:** Monday, March 06, 2017 4:56 PM
> **To:** Chuck Wade; Karen Coye; Eric Johnson
> **Cc:** Deirdre Habershaw; Scott Wilder; Mike Kiely; Harold Cataldo; Dan Rothman; David Mahoney
> **Subject:** Vendor representation at PSnet Meetings
>
> Hello Chuck, Karen, and Eric,
>
> I hope your Monday is wrapping up well! Just wanted to reach out briefly with an update concerning the upcoming PSnet meeting next week, and other future meetings as well. Per request from the PSnet Executive Committee, we're asking that Interisle, FTG, and LAN-TEL each send just one person as a representative to the PSnet meetings. This is an effort to strategically curb costs. If at times you would like to bring more than one representative, you are more than welcome to do so, but please only invoice for one.
>
> Thanks very much,
> Sarah
>
> --
> **Sarah Plowman**
> Regional Planner
> Mayor's Office of Emergency Management
> Boston City Hall, Room 204
>
> One City Hall Square | Boston, MA 02201
> Phone: 617.635.1400
> Fax: 617.635.2974

From: Sarah Plowman <sarah.plowman@boston.gov>
Sent: Thursday, March 09, 2017 5:27 PM EST
To: Michael Kiely <Michael Kiely <mkiely@police.somerville.ma.us>>
CC: Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Chuck Wade <Chuck Wade <chuck@interisle.net>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <damahoney@cambridgefire.org>>
Subject: Re: Vendor representation at PSnet Meetings

Yes, they have.

On Thu, Mar 9, 2017 at 5:26 PM, Michael Kiely<mkiely@police.somerville.ma.us> wrote:

> Thank you Karen, have all the vendors acknowledged this directive?
>
> Sgt. Michael Kiely
> Homeland Security &
> Emergency Management
> (617) 625-1600x7241
>
> On Mar 7, 2017, at 9:17 AM, Karen Coye <kcoye@ftgsecurity.com> wrote:
>
> > Understood.
> >
> > **Karen Coye | Project Manager**
> >
> > 2 Batterymarch Park, Suite 401 | Quincy, MA 02169
> > M: 617-719-4861 | O: 339-502-6620 | kcoye@ftgsecurity.com
> >
> > <image001.png>
> >
> > **MA LIC 7051C**
> >
> > *To open a new service request, please email*servicecenter@ftgtechnologies.com *or*
> >
> > *call 617-367-7474 to speak with someone in our 24 hour Network Operations Center.*
> >
> > Confidentiality Notice: The information transmitted in this e-mail is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged information.
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> >
> > If you received this e-mail in error, please contact the sender and delete the e-mail and any attached material immediately. Thank you.
> >
> > **From:** Sarah Plowman [mailto:sarah.plowman@boston.gov]
> > **Sent:** Monday, March 06, 2017 4:56 PM
> > **To:** Chuck Wade; Karen Coye; Eric Johnson
> > **Cc:** Deirdre Habershaw; Scott Wilder; Mike Kiely; Harold Cataldo; Dan Rothman; David Mahoney
> > **Subject:** Vendor representation at PSnet Meetings
> >
> > Hello Chuck, Karen, and Eric,
> >
> > I hope your Monday is wrapping up well! Just wanted to reach out briefly with an update concerning the upcoming PSnet meeting next week, and other future meetings as well. Per request from the PSnet Executive Committee, we're asking that Interisle, FTG, and LAN-TEL each send just one person as a representative to the PSnet meetings. This is an effort to strategically curb costs. If at times you would like to bring more than one representative, you are more than welcome to do so, but please only invoice for one.

Thanks very much,

Sarah

--

Sarah Plowman

Regional Planner

Mayor's Office of Emergency Management

Boston City Hall, Room 204

One City Hall Square | Boston, MA 02201

Phone: 617.635.1400

Fax: 617.635.2974

--
Sarah Plowman
Regional Planner
Mayor's Office of Emergency Management
Boston City Hall, Room 204

One City Hall Square | Boston, MA 02201
Phone: 617.635.1400
Fax: 617.635.2974

From: Eamon Miller <eamon.miller@boston.gov>
Sent: Friday, March 10, 2017 11:48 AM EST
To: Shawn Romanoski <Shawn Romanoski <shawn.romanoski@pd.boston.gov>>
CC: Eric Johnson <Eric Johnson <EJohnson@lan-tel.com>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: Re: BPD Headquarters EHP Approval

Gentlemen,

Any movement on the scope of work? As I transition out of this role and into T/E Coordinator, I want to make sure we are all set for this project.

Thanks,
Eamon

On Thu, Feb 16, 2017 at 3:49 PM, Shawn Romanoski<shawn.romanoski@pd.boston.gov> wrote:

> Eamon,
> I will be meeting Eric in the morning and we will work on that document.
>
> Thank you for the quick turn-around!
>
> Shawn
>
> Shawn Romanoski
> Director of Telecommunications
> Boston Police Dept.
> (617) 594-2994
>
> > On Feb 16, 2017, at 3:45 PM, Eamon Miller <eamon.miller@boston.gov> wrote:
> >
> > Shawn and Eric,
> >
> > Can you send me an updated scope of work for the BPD HQ camera
> > installation? I need to get it over to Lisa O'Brien and Jenny Prosser to
> > start the contract process. The attached is the outdated one.
> >
> > Thank you,
> > Eamon
> >
> > On Sat, Feb 11, 2017 at 9:32 AM, Shawn Romanoski <
> > Shawn.Romanoski@pd.boston.gov> wrote:
> >
> >> Thank you Eamon!!
> >>
> >>
> >>
> >> Shawn
> >>
> >>
> >>
> >> *Shawn Romanoski*
> >>
> >> *Director of Telecommunications*
> >>
> >> *Boston Police Department*
> >>
> >> *617-594-2994 <(617)%20594-2994>*
> >>
> >>
> >>
> >> *From:* Eamon Miller [mailto:eamon.miller@boston.gov]
> >> *Sent:* Friday, February 10, 2017 1:35 PM
> >> *To:* Shawn Romanoski <Shawn.Romanoski@pd.boston.gov >
> >> *Subject:* BPD Headquarters EHP Approval
> >>
> >>
> >>

>> Hi Shawn,
>>
>>
>>
>> Please see the attached EHP approval for the BPD Headquarters camera
>> installation. Let talk next steps soon!
>>
>>
>>
>> Eamon
>>
>>
>>
>>
>> --
>>
>> *_____*
>>
>> *Eamon Miller*
>>
>> *Regional Planner*
>>
>>
>>
>> *Office of Emergency Management (OEM)*
>>
>> Boston City Hall, Room 204 | Boston, MA 02201
>>
>> Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov
>>
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> *_____*
> *Eamon Miller*
>
> *Regional Planner*
>
>
>
> *Office of Emergency Management (OEM)*
>
> Boston City Hall, Room 204 | Boston, MA 02201
>
> Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov
> <Schroeder Plaza Proposal Package November 11, 2014.pdf>

--

Eamon Miller
Regional Training and Exercise Coordinator

Office of Emergency Management (OEM)
Boston City Hall, Room 204 | Boston, MA 02201
Phone: 617-635-1400 | Fax: 617-635-2974 | eamon.miller@cityofboston.gov

From: Google Calendar <calendar-notification@google.com>
Sent: Monday, March 13, 2017 8:41 AM EDT
To: swilder@brooklinema.gov <swilder@brooklinema.gov>; damahoney@cambridgefire.org <damahoney@cambridgefire.org>; mcobb@ftgtechnologies.com <mcobb@ftgtechnologies.com>; rverdone@chelseama.gov <rverdone@chelseama.gov>; smaywalt@cambridgepolice.org <smaywalt@cambridgepolice.org>; deirdre.habershaw@boston.gov <deirdre.habershaw@boston.gov>; sdoherty@FtgTechnologies.com; michael.saltzman@state.ma.us <michael.saltzman@state.ma.us>; kpitts@cambridge911.org <kpitts@cambridge911.org>; ejohnson@lan-tel.com <ejohnson@lan-tel.com>; gturner@cambridgefire.org <gturner@cambridgefire.org>; fred@interisle.net <fred@interisle.net>; kcoye@ftgsecurity.com <kcoye@ftgsecurity.com>; chuck@interisle.net <chuck@interisle.net>; ehernandez@chelseama.gov <ehernandez@chelseama.gov>; rgriffin@chelseama.gov <rgriffin@chelseama.gov>; sford@reverepolice.org <sford@reverepolice.org>; john.surette@pd.boston.gov <john.surette@pd.boston.gov>; aalpert@chelseama.gov <aalpert@chelseama.gov>; jcowhig@chelseama.gov <jcowhig@chelseama.gov>; harold.cataldo@pd.boston.gov <harold.cataldo@pd.boston.gov>; cmajor@somervillema.gov <cmajor@somervillema.gov>; dan.rothman@boston.gov <dan.rothman@boston.gov>; colin@interisle.net <colin@interisle.net>; sando@ftgtechnologies.com <sando@ftgtechnologies.com>; sarah.plowman@boston.gov <sarah.plowman@boston.gov>; sreichgott@brooklinema.gov <sreichgott@brooklinema.gov>; mkiely@police.somerville.ma.us <mkiely@police.somerville.ma.us>; Shawn.Romanoski@pd.boston.gov
Subject: [Update] POSPONED PSnet Meeting

Good Morning,

Per the Chair we are postponing the PSnet meeting originally scheduled for Tuesday morning. Due to the incoming weather we recognize that you may have other duties related to the storm which take priority over the meeting. We will be in touch soon with a rescheduled meeting date.

Take care,
Deirdre

PSnet Meeting

Hello all,

Thanks to David Mahoney for hosting our regular monthly meeting at the Cambridge Water Department. We'll be in the room on the first floor off to the right as you walk in.

A reminder, PSnet Exec Committee members (non-vendors) please arrive by 10am.

All vendors are not needed to arrive until 10:30am.

Thank you!
Sarah

When Tue Mar 14, 2017 10am – 12pm Eastern Time

Where Cambridge Water Department, 250 Fresh Pond Pkwy, Cambridge, MA 02138, USA (map)

Who
- sarah.plowman@boston.gov - organizer
- mkiely@police.somerville.ma.us
- kpitts@cambridge911.org
- aalpert@chelseama.gov
- Shawn.Romanoski@pd.boston.gov
- sando@ftgtechnologies.com
- fred@interisle.net
- rgriffin@chelseama.gov
- mcobb@ftgtechnologies.com
- michael.saltzman@state.ma.us
- sreichgott@brooklinema.gov
- ejohnson@lan-tel.com
- ehernandez@chelseama.gov
- rverdone@chelseama.gov
- sford@reverepolice.org

- harold.cataldo@pd.boston.gov
- kcoye@ftgsecurity.com
- cmajor@somervillema.gov
- smaywalt@cambridgepolice.org
- swilder@brooklinema.gov
- Dan Rothman
- John Surette
- sdoherty@FtgTechnologies.com
- deirdre.habershaw@boston.gov
- chuck@interisle.net
- jcowhig@chelseama.gov
- colin@interisle.net
- gturner@cambridgefire.org
- damahoney@cambridgefire.org

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Monday, March 13, 2017 4:34 PM EDT
To: Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; Henry, Brian; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>; Michael Sulprizio <Michael Sulprizio <Michael.Sulprizio@boston.gov>>; Ramasamy, Krishnamoorthi
Subject: Security Camera Strategy Status Report
Attachment(s): "Security Camera Strategy Meeting_3-15-17v2.docx"

All - attached is the status report for Wednesday's meeting. Please note: if it is still bad out due to the weather, please just call in, don't bother to drive to City Hall.

Thanks.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Monday, March 20, 2017 10:00 AM EDT
To: Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Mahoney, David A; ehernandez@chelseama.gov <ehernandez@chelseama.gov>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; John Surette <John Surette <john.surette@pd.boston.gov>>; kcoye@ftgsecurity.com <kcoye@ftgsecurity.com>; mcobb@ftgtechnologies.com <mcobb@ftgtechnologies.com>; Michael Kiely <Michael Kiely <mkiely@police.somerville.ma.us>>; rverdone@chelseama.gov <rverdone@chelseama.gov>; Sarah Plowman <Sarah Plowman <sarah.plowman@boston.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Shawn Romanoski <Shawn Romanoski <RomanoskiS.bpd@cityofboston.gov>>; Maywalt, Stephen; sreichgott@brooklinema.gov <sreichgott@brooklinema.gov>; kpitts@cambridge911.org <kpitts@cambridge911.org>; Alpert, Allan; cmajor@somervillema.gov <cmajor@somervillema.gov>; Turner, Glenn; Robert Griffin <Robert Griffin <rgriffin@chelseama.gov>>; Steven Ford <Steven Ford <sford@reverepolice.org>>; chuck wade <chuck wade <Chuck@interisle.net>>; Fred@interisle.net <Fred@interisle.net>; sando@ftgtechnologies.com <sando@ftgtechnologies.com>
Subject: PSnet Meeting Reschedule

Good Morning PSnet Executive Board Members and Vendors,

We are proposing that we reschedule the PSnet meeting originally planned for March 14th to March 28th at 10am. Please let me know by close of business today if that date and time poses major conflicts for you. Also, we would be looking for a location to host, so if you are able please let me know that as well.

Thank you,

--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Monday, March 20, 2017 10:00 AM EDT
To: Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Mahoney, David A; ehernandez@chelseama.gov <ehernandez@chelseama.gov>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; John Surette <John Surette <john.surette@pd.boston.gov>>; kcoye@ftgsecurity.com <kcoye@ftgsecurity.com>; mcobb@ftgtechnologies.com <mcobb@ftgtechnologies.com>; Michael Kiely <Michael Kiely <mkiely@police.somerville.ma.us>>; rverdone@chelseama.gov <rverdone@chelseama.gov>; Sarah Plowman <Sarah Plowman <sarah.plowman@boston.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Shawn Romanoski <Shawn Romanoski <RomanoskiS.bpd@cityofboston.gov>>; Maywalt, Stephen; sreichgott@brooklinema.gov <sreichgott@brooklinema.gov>; kpitts@cambridge911.org <kpitts@cambridge911.org>; Alpert, Allan; cmajor@somervillema.gov <cmajor@somervillema.gov>; Turner, Glenn; Robert Griffin <Robert Griffin <rgriffin@chelseama.gov>>; Steven Ford <Steven Ford <sford@reverepolice.org>>; chuck wade <chuck wade <Chuck@Interisle.net>>; Fred@Interisle.net <Fred@Interisle.net>; sando@ftgtechnologies.com <sando@ftgtechnologies.com>
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Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Scott Wilder <swilder@brooklinema.gov>
Sent: Monday, March 20, 2017 10:06 AM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Mahoney, David A; ehernandez@chelseama.gov; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; John Surette < John Surette <john.surette@pd.boston.gov>>; kcoye@ftgsecurity.com; mcobb@ftgtechnologies.com; Michael Kiely <Michael Kiely <mkiely@police.somerville.ma.us>>; rverdone@chelseama.gov; Sarah Plowman <Sarah Plowman <sarah.plowman@boston.gov>>; Shawn Romanoski <Shawn Romanoski <RomanoskiS.bpd@cityofboston.gov>>; Maywalt, Stephen; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; kpitts@cambridge911.org; Alpert, Allan; cmajor@somervillema.gov; Turner, Glenn; Robert Griffin <Robert Griffin <rgriffin@chelseama.gov>>; Steven Ford <Steven Ford <sford@reverepolice.org>>; chuck wade <chuck wade <Chuck@interisle.net>>; Fred@interisle.net; sando@ftgtechnologies.com
Subject: RE: PSnet Meeting Reschedule

The 28th will work for me, I can't host, the Community Room is being used for In-service that week.

Officer Scott Wilder
Director of Technology
Brookline Police Department
350 Washington Street
Brookline, MA. 02445-6800
Office : 617-730-2259
swilder@brooklinema.gov

From: Deirdre Habershaw [mailto:deirdre.habershaw@boston.gov]
Sent: Monday, March 20, 2017 10:01 AM
To: Dan Rothman; Mahoney, David A; ehernandez@chelseama.gov; Eric Johnson; Harold Cataldo; John Surette; kcoye@ftgsecurity.com; mcobb@ftgtechnologies.com; Michael Kiely; rverdone@chelseama.gov; Sarah Plowman; Scott Wilder; Shawn Romanoski; Maywalt, Stephen; Stan Reichgott; kpitts@cambridge911.org; Alpert, Allan; cmajor@somervillema.gov; Turner, Glenn; Robert Griffin; Steven Ford; chuck wade; Fred@interisle.net; sando@ftgtechnologies.com
Subject: PSnet Meeting Reschedule
Importance: High

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Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

The substance of this message, including any attachments, may be confidential, legally privileged and/or exempt from disclosure pursuant to Massachusetts law. It is intended solely for the addressee. If you received this in error, please contact the sender and delete the material from any computer.

From: Mahoney, David A <DAMahoney@CambridgeFire.Org>
Sent: Monday, March 20, 2017 10:11 AM EDT
To: Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; ehernandez@chelseama.gov; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; John Surette < John Surette <john.surette@pd.boston.gov>>; kcoye@ftgsecurity.com; mcobb@ftgtechnologies.com; Michael Kiely <Michael Kiely <mkiely@police.somerville.ma.us>>; rverdone@chelseama.gov; Sarah Plowman <Sarah Plowman <sarah.plowman@boston.gov>>; Shawn Romanoski <Shawn Romanoski <RomanoskiS.bpd@cityofboston.gov>>; Maywalt, Stephen; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Pitts, Ken; Alpert, Allan; cmajor@somervillema.gov; Turner, Glenn; Robert Griffin <Robert Griffin <rgriffin@chelseama.gov>>; Steven Ford <Steven Ford <sford@reverepolice.org>>; chuck wade <chuck wade <Chuck@interisle.net>>; Fred@interisle.net; sando@ftgtechnologies.com
Subject: RE: PSnet Meeting Reschedule

That date works for me, we can use the Cambridge EOC if you want.

David Mahoney

From: Scott Wilder [mailto:swilder@brooklinema.gov]
Sent: Monday, March 20, 2017 10:06 AM
To: Deirdre Habershaw <deirdre.habershaw@boston.gov>; Dan Rothman <dan.rothman@boston.gov>; Mahoney, David A <DAMahoney@CambridgeFire.Org>; ehernandez@chelseama.gov; Eric Johnson <ejohnson@lan-tel.com>; Harold Cataldo <harold.cataldo@pd.boston.gov>; John Surette <john.surette@pd.boston.gov>; kcoye@ftgsecurity.com; mcobb@ftgtechnologies.com; Michael Kiely <mkiely@police.somerville.ma.us>; rverdone@chelseama.gov; Sarah Plowman <sarah.plowman@boston.gov>; Shawn Romanoski <RomanoskiS.bpd@cityofboston.gov>; Maywalt, Stephen <SMaywalt@CambridgePolice.Org>; Stan Reichgott <sreichgott@brooklinema.gov>; Pitts, Ken <KPitts@Cambridge911.Org>; Alpert, Allan <aalpert@chelseama.gov>; cmajor@somervillema.gov; Turner, Glenn <GTurner@CambridgeFire.Org>; Robert Griffin <rgriffin@chelseama.gov>; Steven Ford <sford@reverepolice.org>; chuck wade <Chuck@interisle.net>; Fred@interisle.net; sando@ftgtechnologies.com
Subject: RE: PSnet Meeting Reschedule

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Officer Scott Wilder
Director of Technology
Brookline Police Department
350 Washington Street
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Office : 617-730-2259
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From: Deirdre Habershaw [mailto:deirdre.habershaw@boston.gov]
Sent: Monday, March 20, 2017 10:01 AM
To: Dan Rothman; Mahoney, David A; ehernandez@chelseama.gov; Eric Johnson; Harold Cataldo; John Surette; kcoye@ftgsecurity.com; mcobb@ftgtechnologies.com; Michael Kiely; rverdone@chelseama.gov; Sarah Plowman; Scott Wilder; Shawn Romanoski; Maywalt, Stephen; Stan Reichgott; kpitts@cambridge911.org; Alpert, Allan; cmajor@somervillema.gov; Turner, Glenn; Robert Griffin; Steven Ford; chuck wade; Fred@interisle.net; sando@ftgtechnologies.com
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From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Monday, March 20, 2017 10:12 AM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
Subject: Re: PSnet Meeting Reschedule

Good for me

Respectfully,

Eric Johnson
Security Project Manager
1400 PROVIDENCE HIGHWAY,
SUITE 3100
NORWOOD, MA 02062

M 617.785.8254 | **F** 781.551.8667

ejohnson@lan-tel.com
www.lan-tel.com
FOLLOW US: Twitter | LinkedIn | Facebook

On Mar 20, 2017, at 10:01 AM, Deirdre Habershaw <deirdre.habershaw@boston.gov> wrote:

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Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Harold Cataldo <harold.cataldo@pd.boston.gov>
Sent: Monday, March 20, 2017 10:15 AM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>
CC: Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Mahoney, David A; Ed Hernandez Sr. < Ed Hernandez Sr. <ehernandez@chelseama.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; John Surette <John Surette <john.surette@pd.boston.gov>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Michael Cobb <Michael Cobb <mcobb@ftgtechnologies.com>>; Michael Kiely <Michael Kiely <mkiely@police.somerville.ma.us>>; Robert Verdone <Robert Verdone <rverdone@chelseama.gov>>; Sarah Plowman <Sarah Plowman <sarah.plowman@boston.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Shawn Romanoski <Shawn Romanoski <RomanoskiS.bpd@cityofboston.gov>>; Maywalt, Stephen; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Ken Pitts <Ken Pitts <kpitts@cambridge911.org>>; Alpert, Allan; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Turner, Glenn; Robert Griffin <Robert Griffin <rgriffin@chelseama.gov>>; Steven Ford <Steven Ford <sford@reverepolice.org>>; chuck wade <chuck wade <Chuck@interisle.net>>; Fred Goldstein <Fred Goldstein <Fred@interisle.net>>; Shiro Ando <Shiro Ando <sando@ftgtechnologies.com>>
Subject: Re: PSnet Meeting Reschedule

I'm good for the 28th

On Mon, Mar 20, 2017 at 10:00 AM, Deirdre Habershaw<deirdre.habershaw@boston.gov> wrote:

> Good Morning PSnet Executive Board Members and Vendors,
>
> We are proposing that we reschedule the PSnet meeting originally planned for March 14th to March 28th at 10am. Please let me know by close of business today if that date and time poses major conflicts for you. Also, we would be looking for a location to host, so if you are able please let me know that as well.
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> Thank you,
>
> --
> Deirdre Habershaw
> Project Director
> Mayor's Office of Emergency Management
> One City Hall Square, Rm 204
> 617-635-1400

--
Harry Cataldo
Lieutenant Detective
Boston Police Department/
Boston Regional Intelligence Center
Desk: 617-343-5999
Cell: 617-594-3333

From: Chuck Wade <Chuck@Interisle.net>
Sent: Tuesday, March 21, 2017 12:19 PM EDT
To: Linda Calnan <Linda Calnan <linda.calnan@boston.gov>>
CC: Joseph Brooks <Joseph Brooks <joseph.brooks@boston.gov>>; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Doug Schremp <Doug Schremp <dschremp@integrationpartners.com>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Eric Nisbet <Eric Nisbet <ENisbet@LAN-TEL.com>>; Eric Johnson <Eric Johnson <EJohnson@LAN-TEL.com>>
Subject: Re: PSnet/CIMS: BoNet connection for CIMS 3850 switch
Attachment(s): "smime.p7s"

Linda,

I am working with Eric Nisbet at LAN-TEL (added to cc:list) to arrange testing of the new path into BoNet when the right users are available to confirm that everything continues to work as expected. When we have a timeslot scheduled, we will then perform the cutover, which requires LAN-TEL server config changes, and verify with the key users that there are no problems. Eric and I are also looking into whether we can perform a pre-test with one archiver.

We will provide updates as we move forward with these final steps...

...Chuck

Chuck Wade, Principal
Interisle Consulting Group
+1 508 435-3050 Office
+1 508 277-6439 Mobile
www.interisle.net

On 3/21/17 9:08 AM, Linda Calnan wrote:

> Chuck - thank you for the update. What is your timeline for getting with the CIMS team to confirm everything works as expected and then advertise the CIMS routes? I am looking to set the expectation of the timeline for BFD.
>
> Thanks.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

> On Fri, Mar 17, 2017 at 11:04 AM, Chuck Wade <Chuck@interisle.net> wrote:
>
> > Linda,
> >
> > In case you haven't seen this already, I've forwarded the email thread involving myself, Jim, and Brett confirming that the BoNet connection into the CIMS 3850 switch at Schroeder Plaza is now up and ready for use.
> >
> > I am now coordinating with the CIMS team to enable the CIMS servers to use this new connection. I am holding off advertising any CIMS routes into BoNet until I can work with the CIMS team to make sure that everything works as expected.
> >
> > If you have any questions, let me know...
> > ...Chuck
> >
> > -------- Forwarded Message --------
> > **Subject:**Re: PSnet/CIMS: BoNet connection for CIMS 3850 switch
> > **Date:**Thu, 16 Mar 2017 22:19:45 -0400
> > **From:**Brett Haynes <brett.haynes@boston.gov>

To: Chuck Wade <Chuck@interisle.net>

CC: Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>, BoNetSupport <BoNetSupport@cityofboston.gov>

Great. Thanks Chuck.

On Mar 16, 2017, at 9:47 PM, Chuck Wade <Chuck@interisle.net> wrote:

Brett,

Thanks. Note thatI am not advertising any OSPF routes toward BoNet yet, but will when I've got the CIMS folks available in case any problems crop up.

I just confirmed that from the CIMS 3850 switch I see <10.100.255.11> as an OSPF neighbor, so things look good at this point. In case this is useful to you, here are the routes that we've picked up from BoNet:

```
BosCIMS-SwA#show ip ospf route

            OSPF Router with ID (100.125.254.15) (Process ID 1100)


        Base Topology (MTID 0)


    Area BACKBONE(0)

    Intra-area Route List
*   10.0.66.0/24, Intra, cost 6, area 0
      via 10.250.100.61, Vlan100
*>  10.100.3.0/24, Intra, cost 6, area 0
      via 10.250.100.61, Vlan100
*>  10.100.22.0/27, Intra, cost 9, area 0
      via 10.250.100.61, Vlan100
*>  10.100.22.64/27, Intra, cost 8, area 0
      via 10.250.100.61, Vlan100
*>  10.100.254.16/30, Intra, cost 7, area 0
      via 10.250.100.61, Vlan100
*>  10.100.255.152/30, Intra, cost 8, area 0
      via 10.250.100.61, Vlan100
*>  10.100.255.156/30, Intra, cost 8, area 0
      via 10.250.100.61, Vlan100
*   10.250.100.60/30, Intra, cost 5, area 0, Connected
      via 10.250.100.62, Vlan100
*>  10.250.100.188/30, Intra, cost 6, area 0
      via 10.250.100.61, Vlan100
*>  10.250.100.220/30, Intra, cost 7, area 0
      via 10.250.100.61, Vlan100
*   100.125.254.15/32, Intra, cost 1, area 0, Connected
      via 100.125.254.15, Loopback1

    Intra-area Router Path List
i 10.100.255.158 [8] via 10.250.100.61, Vlan100, ABR, Area 0, SPF 4
i 10.100.22.1 [8] via 10.250.100.61, Vlan100, ABR, Area 0, SPF 4
i 10.100.254.18 [7] via 10.250.100.61, Vlan100, ABR, Area 0, SPF 4
i 10.100.22.65 [7] via 10.250.100.61, Vlan100, ABR, Area 0, SPF 4
i 10.100.255.55 [6] via 10.250.100.61, Vlan100, ABR, Area 0, SPF 4
i 10.100.255.19 [6] via 10.250.100.61, Vlan100, ABR, Area 0, SPF 4
i 10.100.255.11 [5] via 10.250.100.61, Vlan100, ABR/ASBR, Area 0, SPF 4

    External Route List
*   10.0.64.0/24, Ext2, cost 0, tag 0
      via 10.250.100.61, Vlan100
*   10.25.0.0/16, Ext2, cost 0, tag 0
      via 10.250.100.61, Vlan100
*>  10.100.20.224/27, Ext2, cost 0, tag 0
      via 10.250.100.61, Vlan100
*>  10.100.21.0/27, Ext2, cost 0, tag 0
      via 10.250.100.61, Vlan100
*>  10.100.21.64/27, Ext2, cost 0, tag 0
      via 10.250.100.61, Vlan100
*>  10.100.21.128/27, Ext2, cost 0, tag 0
      via 10.250.100.61, Vlan100
*>  10.100.21.160/27, Ext2, cost 0, tag 0
      via 10.250.100.61, Vlan100
*>  10.100.25.192/27, Ext2, cost 0, tag 0
      via 10.250.100.61, Vlan100
*>  140.241.46.49/32, Ext2, cost 0, tag 0
      via 10.250.100.61, Vlan100
*>  140.241.59.7/32, Ext2, cost 0, tag 0
```

```
      via 10.250.100.61, Vlan100
*>  140.241.59.152/32, Ext2, cost 0, tag 0
      via 10.250.100.61, Vlan100
```

Since we have not enabled OSPF routing into PSnet from this switch, we're only seeing BoNet routes at this time.

I will update you when we've got the CIMS traffic flowing via this new connection.

...Chuck

Chuck Wade, Principal
Interisle Consulting Group
+1 508 435-3050 Office
+1 508 277-6439 Mobile
www.interisle.net

On 3/16/17 7:33 PM, Brett Haynes wrote:

> Configuration changes complete. One change is instead of passive I made it point to point to match how Chuck has it configured on his side.
>
> I am able to ping his IP for VLAN 64 on his switch from Roxbury-North. I will work on the rest of the internal BoNet routing to make sure the other cores know this subnet/route.
>
> bretth@Roxbury-North# run ping routing-instance Video 10.0.64.254
> PING 10.0.64.254 (10.0.64.254): 56 data bytes
> 64 bytes from 10.0.64.254: icmp_seq=0 ttl=255 time=2.741 ms
> 64 bytes from 10.0.64.254: icmp_seq=1 ttl=255 time=2.746 ms
> 64 bytes from 10.0.64.254: icmp_seq=2 ttl=255 time=2.650 ms
> 64 bytes from 10.0.64.254: icmp_seq=3 ttl=255 time=2.522 ms
> 64 bytes from 10.0.64.254: icmp_seq=4 ttl=255 time=2.833 ms
> 64 bytes from 10.0.64.254: icmp_seq=5 ttl=255 time=2.621 ms
> 64 bytes from 10.0.64.254: icmp_seq=6 ttl=255 time=2.741 ms
> 64 bytes from 10.0.64.254: icmp_seq=7 ttl=255 time=2.680 ms
> ^C
> --- 10.0.64.254 ping statistics ---
> 8 packets transmitted, 8 packets received, 0% packet loss
> round-trip min/avg/max/stddev = 2.522/2.692/2.833/0.089 ms
>
> Regards,
>
> **Brett Haynes**
>
> **Network Operations Manager**
> **City of Boston, City Hall**
> **(617) 635-2342**
> **Brett.Haynes@Boston.Gov**
> **Network Technical Support – W: (617) 635-2167**
> **NOC@Boston.Gov**
> **Department of Innovation and Technology**
> **City of Boston, City Hall**
>
> **Twitter: @DoITNetwork**
>
> <mime-attachment.jpg>
>
> On Thu, Mar 16, 2017 at 5:58 PM, Brett Haynes <brett.haynes@boston.gov> wrote:
>> I will configure this tonight and I will email some IPs for you to test ping. Would you have any ips on the psnet/cims side that I can ping when I am finished?
>>
>> Thanks to you both for getting this done.
>>
>> Brett
>>
>> On Mar 16, 2017, at 4:15 PM, Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov > wrote:

Hi Chuck,

Including Brett as he is doing the BoNet config.

Jim

On Wed, Mar 15, 2017 at 1:38 PM, Chuck Wade <Chuck@interisle.net> wrote:

> Jim,
>
> I had assumed that the new BoNet connection for the CIMS servers on the 3850 would use OSPF routing as we do for the PSnet connections into BoNet. However, that appears to not be the case, as I am unable to establish OSPF peering.
>
> In Brett's note, he mentions a static route to <10.0.64.0/24>, though the config listing he provided indicates that this is "not configured yet." If we're going to do this as static routes, then I need to know what routes I should point to the BoNet gateway address of <10.250.100.61>. BoNet should be able to add the static route to <10.0.64.0/24> via <10.250.100.62> at any time, since that is all configured. Note, it would also help to have a few known IP addresses within the BoNet video MPLS VPN that we can use for testing purposes.
>
> I have copied below the relevant details for the OSPF routing that I set up, as well as the config info for the CIMS server configs on VLAN 64:
>
> ---

```
BosCIMS-SwA# show running-config interface lo0
Building configuration...

Current configuration : 130 bytes
!
interface Loopback0
 description Source Address for OSPF & Services
 ip address 10.254.245.17 255.255.255.255
 ip mtu 1500
exit

BosCIMS-SwA# show running-config interface lo1
Building configuration...

Current configuration : 117 bytes
!
interface Loopback1
 description BoNet OSPF Router ID
 ip address 100.125.254.15 255.255.255.255
 ip mtu 1500
exit

BosCIMS-SwA# show running-config interface vlan 64
Building configuration...

Current configuration : 137 bytes
!
interface Vlan64
 description VLAN for BosPD CIMS Servers
 ip address 10.0.64.254 255.255.255.0
 no ip redirects
 no ip proxy-arp
exit

BosCIMS-SwA#show arp | include Vlan64
Internet  10.0.64.100            16   0010.dbff.20a0  ARPA
Vlan64
Internet  10.0.64.202           145   0026.b93a.1fa3  ARPA
Vlan64
Internet  10.0.64.220           148   d4ae.52b3.6333  ARPA
Vlan64
Internet  10.0.64.221           198   d4ae.52b3.66bc  ARPA
Vlan64
Internet  10.0.64.222           264   d4ae.52b3.669b  ARPA
Vlan64
Internet  10.0.64.223           148   d4ae.52b3.6247  ARPA
Vlan64
Internet  10.0.64.254             -   dcce.c19d.d3eb  ARPA
Vlan64

BosCIMS-SwA# show running-config interface vlan 100
```

```
Building configuration...

Current configuration : 175 bytes
!
interface Vlan100
 description Transit<=>BoNet CIMS MPLS VPN
 ip address 10.250.100.62 255.255.255.252
 no ip proxy-arp
 ip ospf network point-to-point
 ip ospf cost 5
exit

BosCIMS-SwA# show running-config interface gi1/0/22
Building configuration...

Current configuration : 124 bytes
!
interface GigabitEthernet1/0/22
 description T=>BoNet CIMS
 switchport trunk allowed vlan 100
 switchport mode trunk
exit

BosCIMS-SwA#ping 10.250.100.61
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 10.250.100.61, timeout is 2
seconds:
!!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max =
10/14/30 ms

BosCIMS-SwA# show running-config | begin router ospf
router ospf 1100
 router-id 100.125.254.15
 passive-interface Loopback0
 passive-interface Loopback1
 network 10.250.100.60 0.0.0.3 area 0
 network 100.125.254.15 0.0.0.0 area 0
exit
!
```

Let me know if I can provide any further info.

...Chuck
--

Chuck Wade, Principal
Interisle Consulting Group
+1 508 435-3050 Office
+1 508 277-6439 Mobile
www.interisle.net

--
Jim Fitzpatrick
Boston Police
System & Network Operations

From: Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>
Sent: Monday, March 27, 2017 11:58 AM EDT
To: Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; ejohnson@lan-tel.com <ejohnson@lan-tel.com>
Subject: RE: PSnet Executive Committee

Deirdre,

I will be travelling out of state during that time……

Lt. Cataldo and Eric are aware of most of the issues that we have.

Thanks,
Shawn

Shawn Romanoski

Director of Telecommunications

Boston Police Department

617-594-2994

-----Original Appointment-----
From: deirdre.habershaw@boston.gov [mailto:deirdre.habershaw@boston.gov]
Sent: Monday, March 20, 2017 11:17 AM
To: deirdre.habershaw@boston.gov; Shawn.Romanoski@pd.boston.gov; sreichgott@brooklinema.gov; ejohnson@lan-tel.com; mkiely@police.somerville.ma.us; fred@interisle.net; Dan Rothman; rgriffin@chelseama.gov; chuck@interisle.net; gturner@cambridgefire.org; sarah.plowman@boston.gov; rverdone@chelseama.gov; swilder@brooklinema.gov; damahoney@cambridgefire.org; John Surette; kcoye@ftgsecurities.com; smaywalt@cambridgepolice.org; sford@reverepolice.org; ehernandez@chelseama.gov; sando@ftgtechnologies.com; harold.cataldo@pd.boston.gov; mcobb@ftgtechnologies.com
Subject: PSnet Executive Committee
When: Tuesday, March 28, 2017 10:00 AM-12:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Cambridge EOC - Water Department

From: Sarah Plowman <sarah.plowman@boston.gov>
Sent: Tuesday, March 28, 2017 8:31 AM EDT
To: John Surette <John Surette <john.surette@pd.boston.gov>>; Alan Alpert <Alan Alpert <aalpert@chelseama.gov>>; Christopher Major <Christopher Major <cmajor@somervillema.gov>>; Chuck Wade <Chuck Wade <chuck@interisle.net>>; Colin Strutt <Colin Strutt <colin@interisle.net>>; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; David Mahoney <David Mahoney <damahoney@cambridgefire.org>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Ed Hernandez Sr. < Ed Hernandez Sr. <ehernandez@chelseama.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Fred Goldstein <Fred Goldstein <fred@interisle.net>>; Glen Turner <Glen Turner <gturner@cambridgefire.org>>; Harold Cataldo <Harold Cataldo <harold.cataldo@pd.boston.gov>>; John Cowhig <John Cowhig <jcowhig@chelseama.gov>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Ken Pitts <Ken Pitts <kpitts@cambridge911.org>>; Michael Cobb <Michael Cobb <mcobb@ftgtechnologies.com>>; Michael Saltzman <Michael Saltzman <michael.saltzman@state.ma.us>>; Mike Kiely <Mike Kiely <mkiely@police.somerville.ma.us>>; Robert Griffin <Robert Griffin <rgriffin@chelseama.gov>>; Robert Verdone <Robert Verdone <RVerdone@chelseama.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Sean Doherty <Sean Doherty <sdoherty@ftgtechnologies.com>>; Shawn Romanoski <Shawn Romanoski <shawn.romanoski@pd.boston.gov>>; Shiro Ando <Shiro Ando <sando@ftgtechnologies.com>>; Stan Reichgott <Stan Reichgott <sreichgott@brooklinema.gov>>; Stephen Maywalt <Stephen Maywalt <smaywalt@cambridgepolice.org>>; Steven Ford <Steven Ford <sford@reverepolice.org>>
Subject: PSnet Meeting today!

Hello, all,

Just a reminder that the rescheduled PSnet meeting is today! Exec Committee to meet at 10am, vendors to arrive at 10:30am.

We're in Cambridge at the Water Department (EOC) -- 250 Fresh Pond Parkway. First floor, room toward your right as you walk in.

See you then!
Thanks,
Sarah

--

Sarah Plowman
Regional Planner
Mayor's Office of Emergency Management
Boston City Hall, Room 204

One City Hall Square | Boston, MA 02201
Phone: 617.635.1400
Fax: 617.635.2974

From: Linda Calnan <linda.calnan@boston.gov>
Sent: Tuesday, March 28, 2017 1:41 PM EDT
To: Jason Marshall <Jason Marshall <Jason.Marshall@pd.boston.gov>>; Michael Flaherty <Michael Flaherty <michael.flaherty2@boston.gov>>; Reidy, Richard; Brett Haynes <Brett Haynes <brett.haynes@boston.gov>>; Don Burgess <Don Burgess <don.burgess@boston.gov>>; Robert Slade <Robert Slade <robert.slade@boston.gov>>; McDavitt, Conor; Beers, Jeff; Vasconcelos, Nelson; Dan Rothman <Dan Rothman <dan.rothman@boston.gov>>; Jerry Turner <Jerry Turner <jerry.turner@boston.gov>>; William Joyce <William Joyce <william.joyce@boston.gov>>; Jarrod Fullerton <Jarrod Fullerton <jfullerton@genetec.com>>; Wilson Aleman <Wilson Aleman <wilson.aleman@boston.gov>>; Vincent Stancato <Vincent Stancato <vstancato@lan-tel.com>>; Henry, Brian; Michael Kane <Michael Kane <michael.kane@boston.gov>>; Jim Fitzpatrick <Jim Fitzpatrick <jim.fitzpatrick@pd.boston.gov>>; Brian Barcelou <Brian Barcelou <Brian.Barcelou@pd.boston.gov>>; Mike Lynch (DoIT) < Mike Lynch (DoIT) <mike.lynch@boston.gov>>; Shawn Romanoski <Shawn Romanoski <Shawn.Romanoski@pd.boston.gov>>; Thomas, Ian; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Michael Driscoll <Michael Driscoll <mdriscoll@dvtel.com>>; John Grennon <John Grennon <jgrennon@lan-tel.com>>; Jason MacDonald <Jason MacDonald <Jason.MacDonald@boston.gov>>; Peter Clifford <Peter Clifford <Peter.clifford@boston.gov>>; Louis Madeira <Louis Madeira <Louis.madeira@pd.boston.gov>>; Michael Sulprizio <Michael Sulprizio <Michael.Sulprizio@boston.gov>>; Ramasamy, Krishnamoorthi
Subject: Security Camera Strategy Meeting - Status Report
Attachment(s): "Security Camera Strategy Meeting_3-29-17.docx"

Attached is the status report for tomorrow's meeting.

Linda Calnan
Sr. Project Manager | Department of Innovation & Technology (DoIT) | City of Boston

1 City Hall Square, Room 109
Boston, MA 02201
D: 617-635-2875
C: 781-738-2020
linda.calnan@boston.gov

Security Camera Strategy
Status Meeting – 3/29/17

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

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

Called by: Linda Calnan x2875

I. Agenda-Locations / Status Updates / Action Items

Locations: (Updates in bold:)

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

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

  - Security desk at 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** – Upgrade work resumed. Upgrade to be coordinated with BHA upgrade. VidSys upgrade requires workstation VidSys application updates to each workstation. Louie and Mike to handle updates.

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

- **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 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 – 3/29/17

II. On regular bi-weekly schedule.

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

From: Scott Wilder <swilder@brooklinema.gov>
Sent: Tuesday, April 04, 2017 4:32 PM EDT
To: Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; mkiely@police.somerville.ma.us; Harold Cataldo (harold.cataldo@pd.boston.gov) < Harold Cataldo (harold.cataldo@pd.boston.gov) <harold.cataldo@pd.boston.gov>>; Sarah Plowman <Sarah Plowman <sarah.plowman@boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
CC: Mike Cobb <Mike Cobb <mcobb@ftgtechnologies.com>>; Shiro Ando <Shiro Ando <sando@ftgtechnologies.com>>
Subject: RE: PSnet - Ritz Mods for new Revere Hotel site

I copied Eric from Lantel on this question, if LanTel is working on this issue or a piece of this issue, we should wait until we understand from them,
what needs to be done, and in what order. I believe most of the equipment discussed is CIMs equipment, but I will turn to Lantel to confirm what is Cisms and what is Psnet.
So, if the equipment is Camera equipment, Lantel will handle, if part of the equipment is Psnet, the committee will address how to handle that, and what equipment would need to be replaced. But at this point, we have one vendor working on the problem, let them finish what they are responsible for, then we can evaluate what the next steps are.
My feeling is having 2 vendors dive into the same problem, the left hand does not know what the right hand is doing, that usually ends up bad.
Thanks,
Scott

Officer Scott Wilder
Director of Technology
Brookline Police Department
350 Washington Street
Brookline, MA. 02445-6800
Office : 617-730-2259
swilder@brooklinema.gov

From: Karen Coye [mailto:kcoye@ftgsecurity.com]
Sent: Tuesday, April 04, 2017 3:33 PM
To: Scott Wilder; Deirdre Habershaw; mkiely@police.somerville.ma.us; Harold Cataldo (harold.cataldo@pd.boston.gov); Sarah Plowman
Cc: Mike Cobb; Shiro Ando
Subject: PSnet - Ritz Mods for new Revere Hotel site
Importance: High

All,

Intermapper shows continuous alerts from the PSnet switch Ritz SwA. The nature of the alerts indicate “Transmit Discarded Packet” issues are occurring in significant bursts.

We asked Interisle for info on this condition and they advised as follows:

> *That problem started a week or so ago, and I've already suggested to the LAN-TEL folks that they take a look at the cabling from that interface to the radio when they're next on that site. We might disable the alerts for that interface, but this is one of the features that is a bit flaky with the recent versions of InterMapper (it's also a recently added feature). Note, this site is in a state of flux, as it is being upgraded and a new backbone link to the Revere Hotel is now online, and will soon be carrying traffic. In other words, this is an active work project driven by LAN-TEL with support from Interisle.*
> *The LAN-TEL team handles configuration of these links that are really only for camera systems, and Fred helps out with tuning and overall frequency management. Fred and I deal with the network issues for these links.*

We understand that Lan-Tel is performing work at the Revere Hotel under their CIMS contract, but we believe that the RitzSwA (HP) will need to be replaced with a switch capable of OSPF in order to add the traffic from the Revere Hotel and use the MIT Wireless Bridge as a backup. Currently the HP 2510 switch at the Ritz is not routing its own traffic and the switch at MIT is doing the routing. With both links installed at the Ritz, FTG would recommend that the routing happen locally at the Ritz for efficient failover between connections.

Please confirm that any re-design and/or switch replacement at the Ritz or MIT should be performed by FTG, unless there is a budgetary factor such that the Ritz switch replacement would be covered under the CIMs contract vs. PSnet, and therefore Lan-Tel will perform that work as Interisle states above.

Further, we believe that re-configs may be necessary for the MIT wireless bridge connection, which can be part of a further design conversation with Interisle.

From the Interisle note above, this work appears imminent. We’ll complete an on-line incident report as well, which will rely on the detail above.

Please review and let me know if you have any questions or wish to discuss.

Regards,
Karen

Karen Coye | **Project Manager**
2 Batterymarch Park, Suite 401 | Quincy, MA 02169
M: 617-719-4861 | O: 339-502-6620 | kcoye@ftgsecurity.com

FTGSECURITY
AN FTG TECHNOLOGIES AFFILIATE

MA LIC 7051C
To open a new service request, please email servicecenter@ftgtechnologies.com or call 617-367-7474 to speak with someone in our 24 hour Network Operations Center.

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The substance of this message, including any attachments, may be confidential, legally privileged and/or exempt from disclosure pursuant to Massachusetts law. It is intended solely for the addressee. If you received this in error, please contact the sender and delete the material from any computer.

From: Michael Kiely <mkiely@police.somerville.ma.us>
Sent: Tuesday, April 04, 2017 5:39 PM EDT
To: Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>
CC: Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Harold Cataldo (harold.cataldo@pd.boston.gov) < Harold Cataldo (harold.cataldo@pd.boston.gov) <harold.cataldo@pd.boston.gov>>; Sarah Plowman <Sarah Plowman <sarah.plowman@boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Mike Cobb <Mike Cobb <mcobb@ftgtechnologies.com>>; Shiro Ando <Shiro Ando <sando@ftgtechnologies.com>>; Chuck@Interisle.net
Subject: Re: PSnet - Ritz Mods for new Revere Hotel site
Attachment(s): "image001.png"

Hello all, I've added Chuck to this. Now, it seems that all three vendors hopefully are all getting the messages/message! In reading what has been put out today,I have a few questions and it disturbs me deeply that we will have to pay for responses to this.
Are people staying in their lane? Is this Revere Hotel issue an emergency and is it PSNET related?
Lastly, and more important; why are the vendors sharing information and NOT including people that are mentioned and may be affected by these problems. I do not find this to be professional and frankly exactly what we are trying to avoid as we move forward.
I will continue to investigate this and discuss at our next meeting.
Sincerely,

Sgt. Michael Kiely
Homeland Security &
Emergency Management
(617) 625-1600x7241

On Apr 4, 2017, at 4:32 PM, Scott Wilder <swilder@brooklinema.gov> wrote:

> I copied Eric from Lantel on this question, if LanTel is working on this issue or a piece of this issue, we should wait until we understand from them,
> what needs to be done, and in what order. I believe most of the equipment discussed is CIMs equipment, but I will turn to Lantel to confirm what is Cisms and what is Psnet.
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> Scott
>
> **Officer Scott Wilder**
> **Director of Technology**
> **Brookline Police Department**
> **350 Washington Street**
> **Brookline, MA. 02445-6800**
> **Office : 617-730-2259**
> **swilder@brooklinema.gov**
>
> ---
>
> **From:** Karen Coye [mailto:kcoye@ftgsecurity.com]
> **Sent:** Tuesday, April 04, 2017 3:33 PM
> **To:** Scott Wilder; Deirdre Habershaw; mkiely@police.somerville.ma.us; Harold Cataldo (harold.cataldo@pd.boston.gov); Sarah Plowman
> **Cc:** Mike Cobb; Shiro Ando
> **Subject:** PSnet - Ritz Mods for new Revere Hotel site
> **Importance:** High
>
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>
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>
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>
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Please review and let me know if you have any questions or wish to discuss.

Regards,
Karen

Karen Coye | **Project Manager**
2 Batterymarch Park, Suite 401 | Quincy, MA 02169
M: 617-719-4861 | O: 339-502-6620 | kcoye@ftgsecurity.com
<image001.png>
MA LIC 7051C
*To open a new service request, please email*servicecenter@ftgtechnologies.com *or call 617-367-7474 to speak with someone in our 24 hour Network Operations Center.*

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If you received this e-mail in error, please contact the sender and delete the e-mail and any attached material immediately. Thank you.

The substance of this message, including any attachments, may be confidential, legally privileged and/or exempt from disclosure pursuant to Massachusetts law. It is intended solely for the addressee. If you received this in error, please contact the sender and delete the material from any computer.

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Tuesday, April 04, 2017 8:06 PM EDT
To: Michael Kiely <Michael Kiely <mkiely@police.somerville.ma.us>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>
CC: Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Deirdre Habershaw <Deirdre Habershaw <deirdre.habershaw@boston.gov>>; Harold Cataldo (harold.cataldo@pd.boston.gov) < Harold Cataldo (harold.cataldo@pd.boston.gov) <harold.cataldo@pd.boston.gov>>; Sarah Plowman <Sarah Plowman <sarah.plowman@boston.gov>>; Mike Cobb <Mike Cobb <mcobb@ftgtechnologies.com>>; Shiro Ando <Shiro Ando <sando@ftgtechnologies.com>>; Chuck@Interisle.net
Subject: Re: PSnet - Ritz Mods for new Revere Hotel site

Good Evening :

A quick history lesson. In just the past year the DTX/ Chinatown cameras have gone from 10 cameras to 60 and this is projected to double. The legacy BPD- CIMS antenna hubs at the Ritz and Revere have always been BPD camera sites and they do not share any backhaul antennas to other UASI partners. The new camera work necessitates the upgrade of these sites to accept this new camera traffic. Because of minimal budget and not to impact CIMS funding, we have been performing this work sporadically by utilizing hours from associated camera projects that must connect to these same antenna hubs. In doing this work we have used spare equipment. The switch mentioned in the prior email is a spare. This is indeed a work in progress, and I would simply recommend that the monitoring be disabled that is specific to the TDP errors received. I believe we have this under control and we will update when this work has been completed.

I would like to add that this is certainly not an emergency , all cameras and equipment for BPD Area A are on line and functioning and we have not seen any failures or disruption of service from this site when we look at direct GUIs of associated equipment when worked on. I am also confident that the OSPF question raised will be rectified upon completion of this work performed on this BPD - CIMS equipment. If this work is impacting any service upstream on PSNET equipment other than then the TDP messages, we will work with Interisle or FTG to correct this immediately.

Also , to further resolve this issue quickly , we will be on site tomorrow at Ritz hub to change ports on the spare switch and hopefully this could clear up the TDP messages as well. We will notify everyone on this progress when completed.

Please know that I am available direct anytime for any issues or camera questions 24/7 for all involved within this network.

Thanks !
Eric Johnson
LAN-TEL Communications
Norwood - Boston

From: Michael Kiely <mkiely@police.somerville.ma.us>
Sent: Tuesday, April 4, 2017 5:39 PM
To: Scott Wilder
Cc: Karen Coye; Deirdre Habershaw; Harold Cataldo (harold.cataldo@pd.boston.gov); Sarah Plowman; Eric Johnson; Mike Cobb; Shiro Ando; Chuck@Interisle.net
Subject: Re: PSnet - Ritz Mods for new Revere Hotel site

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In reading what has been put out today,I have a few questions and it disturbs me deeply that we will have to pay for responses to this.
Are people staying in their lane? Is this Revere Hotel issue an emergency and is it PSNET related?
Lastly, and more important; why are the vendors sharing information and NOT including people that are mentioned and may be affected by these problems. I do not find this to be professional and frankly exactly what we are trying to avoid as we move forward.
I will continue to investigate this and discuss at our next meeting.
Sincerely,

Sgt. Michael Kiely
Homeland Security &
Emergency Management
(617) 625-1600x7241

On Apr 4, 2017, at 4:32 PM, Scott Wilder <swilder@brooklinema.gov> wrote:

I copied Eric from Lantel on this question, if LanTel is working on this issue or a piece of this issue, we should

wait until we understand from them,
what needs to be done, and in what order. I believe most of the equipment discussed is CIMs equipment, but I will turn to Lantel to confirm what is Cisms and what is Psnet.
So, if the equipment is Camera equipment, Lantel will handle, if part of the equipment is Psnet, the committee will address how to handle that, and what equipment would need to be replaced. But at this point, we have one vendor working on the problem, let them finish what they are responsible for, then we can evaluate what the next steps are.
My feeling is having 2 vendors dive into the same problem, the left hand does not know what the right hand is doing, that usually ends up bad.
Thanks,
Scott

Officer Scott Wilder
Director of Technology
Brookline Police Department
350 Washington Street
Brookline, MA. 02445-6800
Office : 617-730-2259
swilder@brooklinema.gov

From: Karen Coye [mailto:kcoye@ftgsecurity.com]
Sent: Tuesday, April 04, 2017 3:33 PM
To: Scott Wilder; Deirdre Habershaw; mkiely@police.somerville.ma.us; Harold Cataldo (harold.cataldo@pd.boston.gov); Sarah Plowman
Cc: Mike Cobb; Shiro Ando
Subject: PSnet - Ritz Mods for new Revere Hotel site
Importance: High

All,

Intermapper shows continuous alerts from the PSnet switch Ritz SwA. The nature of the alerts indicate "Transmit Discarded Packet" issues are occurring in significant bursts.

We asked Interisle for info on this condition and they advised as follows:

> *That problem started a week or so ago, and I've already suggested to the LAN-TEL folks that they take a look at the cabling from that interface to the radio when they're next on that site. We might disable the alerts for that interface, but this is one of the features that is a bit flaky with the recent versions of InterMapper (it's also a recently added feature). Note, this site is in a state of flux, as it is being upgraded and a new backbone link to the Revere Hotel is now online, and will soon be carrying traffic. In other words, this is an active work project driven by LAN-TEL with support from Interisle.*
>
> *The LAN-TEL team handles configuration of these links that are really only for camera systems, and Fred helps out with tuning and overall frequency management. Fred and I deal with the network issues for these links.*

We understand that Lan-Tel is performing work at the Revere Hotel under their CIMS contract, but we believe that the RitzSwA (HP) will need to be replaced with a switch capable of OSPF in order to add the traffic from the Revere Hotel and use the MIT Wireless Bridge as a backup. Currently the HP 2510 switch at the Ritz is not routing its own traffic and the switch at MIT is doing the routing. With both links installed at the Ritz, FTG would recommend that the routing happen locally at the Ritz for efficient failover between connections.

Please confirm that any re-design and/or switch replacement at the Ritz or MIT should be performed by FTG, unless there is a budgetary factor such that the Ritz switch replacement would be covered under the CIMs contract vs. PSnet, and therefore Lan-Tel will perform that work as Interisle states above.

Further, we believe that re-configs may be necessary for the MIT wireless bridge connection, which can be part of a further design conversation with Interisle.

From the Interisle note above, this work appears imminent. We'll complete an on-line incident report as well, which will rely on the detail above.

Please review and let me know if you have any questions or wish to discuss.

Regards,
Karen

Karen Coye | **Project Manager**
2 Batterymarch Park, Suite 401 | Quincy, MA 02169
M: 617-719-4861 | O: 339-502-6620 | kcoye@ftgsecurity.com
<image001.png>
MA LIC 7051C
*To open a new service request, please email*servicecenter@ftgtechnologies.com *or*

call 617-367-7474 to speak with someone in our 24 hour Network Operations Center.

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From: Michael Kane <michael.kane@boston.gov>
Sent: Wednesday, April 05, 2017 10:11 AM EDT
To: Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>
CC: John Surette <John Surette <john.surette@pd.boston.gov>>; John Cunniffe <John Cunniffe <john.cunniffe@pd.boston.gov>>; Ronald Bashista <Ronald Bashista <ronald.bashista@boston.gov>>
BCC: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
Subject: Mike Kane: Any changes to the Marathon Salvos for 2017

Gents-

We have the marathon functional exercise t on April 11 starting at 1000hrs. Just want to see if any changes this year?

I ran all of last years salvos on Monday in Flir and Vidsys and all were operational.

Thanks for all the help and stay safe.

Mike

--
Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, April 05, 2017 11:05 AM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
CC: Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>; John Surette <John Surette <john.surette@pd.boston.gov>>; John Cunniffe <John Cunniffe <john.cunniffe@pd.boston.gov>>; Ronald Bashista <Ronald Bashista <ronald.bashista@boston.gov>>
Subject: Re: Mike Kane: Any changes to the Marathon Salvos for 2017

We will be incorporating BAA Cameras in to network

Respectfully,

Eric Johnson
Security Project Manager
1400 PROVIDENCE HIGHWAY,
SUITE 3100
NORWOOD, MA 02062

M 617.785.8254 | **F** 781.551.8667

ejohnson@lan-tel.com ☘ |
www.lan-tel.com
FOLLOW US: Twitter | LinkedIn | Facebook

On Apr 5, 2017, at 10:11 AM, Michael Kane <michael.kane@boston.gov> wrote:

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Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Michael Kane <michael.kane@boston.gov>
Sent: Wednesday, April 05, 2017 11:06 AM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
Subject: Re: Mike Kane: Any changes to the Marathon Salvos for 2017

Thank you Eric. When do you think those will go live?

On Wed, Apr 5, 2017 at 11:05 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:

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>
> LAN-TEL COMMUNICATIONS, INC. 25TH ANNIVERSARY
>
> Respectfully,
>
> Eric Johnson
> Security Project Manager
> 1400 PROVIDENCE HIGHWAY,
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> NORWOOD, MA 02062
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> **M** 617.785.8254 | **F** 781.551.8667
>
> ejohnson@lan-tel.com ☘ |
> www.lan-tel.com
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On Apr 5, 2017, at 10:11 AM, Michael Kane <michael.kane@boston.gov> wrote:

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>
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>
> Mike
>
> --
> **Michael Kane**
> **Logistics Section Coordinator**
> **Office of Emergency Management (OEM)**
> 85 Bragdon Street | Boston, MA 02201
> Phone: 617-343-2413| Cell: 617-895-7215
> michael.kane@boston.gov

--
Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Wednesday, April 05, 2017 12:38 PM EDT
To: Michael Kane <Michael Kane <michael.kane@boston.gov>>
Subject: Re: Mike Kane: Any changes to the Marathon Salvos for 2017

Projected for Thursday Afternoon

Respectfully,

Eric Johnson
Security Project Manager
1400 PROVIDENCE HIGHWAY,
SUITE 3100
NORWOOD, MA 02062

M 617.785.8254 | **F** 781.551.8667

ejohnson@lan-tel.com ☘ |
www.lan-tel.com
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On Apr 5, 2017, at 11:06 AM, Michael Kane <michael.kane@boston.gov> wrote:

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On Wed, Apr 5, 2017 at 11:05 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:

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Respectfully,

Eric Johnson
Security Project Manager
1400 PROVIDENCE HIGHWAY,
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NORWOOD, MA 02062

M 617.785.8254 | **F** 781.551.8667

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On Apr 5, 2017, at 10:11 AM, Michael Kane <michael.kane@boston.gov> wrote:

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Logistics Section Coordinator
Office of Emergency Management (OEM)
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Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

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Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Michael Kane <michael.kane@boston.gov>
Sent: Wednesday, April 05, 2017 12:39 PM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
CC: Ronald Bashista <Ronald Bashista <ronald.bashista@boston.gov>>; Louis Madeira <Louis Madeira <louis.madeira@pd.boston.gov>>
Subject: Re: Mike Kane: Any changes to the Marathon Salvos for 2017

Roger that

Michael Kane
Logistics Section
City of Boston
Office of Emergency Management
617-343-2413
617-895-7215

On Apr 5, 2017, at 12:38, Eric Johnson <ejohnson@lan-tel.com> wrote:

> Projected for Thursday Afternoon
>
> Respectfully,
>
> Eric Johnson
> Security Project Manager
> 1400 PROVIDENCE HIGHWAY,
> SUITE 3100
> NORWOOD, MA 02062
>
> **M** 617.785.8254 | **F** 781.551.8667
>
> ejohnson@lan-tel.com ☘ |
> www.lan-tel.com
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>
> On Apr 5, 2017, at 11:06 AM, Michael Kane <michael.kane@boston.gov> wrote:
>
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> >
> > On Wed, Apr 5, 2017 at 11:05 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:
> > > We will be incorporating BAA Cameras in to network

Respectfully,

Eric Johnson
Security Project Manager
1400 PROVIDENCE HIGHWAY,
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NORWOOD, MA 02062

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On Apr 5, 2017, at 10:11 AM, Michael Kane <michael.kane@boston.gov> wrote:

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Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

--
Michael Kane
Logistics Section Coordinator
Office of Emergency Management (OEM)
85 Bragdon Street | Boston, MA 02201
Phone: 617-343-2413| Cell: 617-895-7215
michael.kane@boston.gov

From: Ford Lt Steven <sford@reverepolice.org>
Sent: Thursday, April 06, 2017 10:50 AM EDT
To: Eamon Miller (eamon.miller@boston.gov) < Eamon Miller (eamon.miller@boston.gov) <eamon.miller@boston.gov>>; Eric Johnson < Eric Johnson <ejohnson@Lan-Tel.com>>; Colin Strutt (Colin@Interisle.net) < Colin Strutt (Colin@Interisle.net) <Colin@Interisle.net>>; 'Chuck Wade' (Chuck@Interisle.net) < 'Chuck Wade' (Chuck@Interisle.net) <Chuck@Interisle.net>>
CC: Habershaw, Deirdre (Deirdre.Habershaw@cityofboston.gov); Jay Mazzola (rfd441@gmail.com) (rfd441@gmail.com) < Jay Mazzola (rfd441@gmail.com) (rfd441@gmail.com) <rfd441@gmail.com>>
Subject: System Shutdown

On Monday there is going to be a electrician at the RPD to redo some of the electrical in room 111 off of dispatch. One of the issues will be the plug that your servers and equipment is plugged into.

I don't know if that stuff is plugged into battery backup, so if not there will be some down time.

If there is something that needs to be done before hand please let me know.

Lt. Steven Ford
781-286-8335
www.reverepolice.org
http://www.facebook.com/ReverePoliceDept
@reverepolice on Twitter

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From: Eric Johnson <ejohnson@Lan-Tel.com>
Sent: Thursday, April 06, 2017 11:01 AM EDT
To: Ford Lt Steven <Ford Lt Steven <sford@reverepolice.org>>
CC: Eamon Miller (eamon.miller@boston.gov) < Eamon Miller (eamon.miller@boston.gov) <eamon.miller@boston.gov>>; Colin Strutt (Colin@Interisle.net) < Colin Strutt (Colin@Interisle.net) <Colin@Interisle.net>>; 'Chuck Wade' (Chuck@Interisle.net) < 'Chuck Wade' (Chuck@Interisle.net) <Chuck@Interisle.net>>; Habershaw, Deirdre (Deirdre.Habershaw@cityofboston.gov); Jay Mazzola (rfd441@gmail.com) (rfd441@gmail.com) < Jay Mazzola (rfd441@gmail.com) (rfd441@gmail.com) <rfd441@gmail.com>>
Subject: Re: System Shutdown

Thank you I think we should do a controlled power shut down

Respectfully,

Eric Johnson
Security Project Manager
1400 PROVIDENCE HIGHWAY,
SUITE 3100
NORWOOD, MA 02062

M 617.785.8254 | **F** 781.551.8667

ejohnson@lan-tel.com ☘ |
www.lan-tel.com
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>
> Lt. Steven Ford
> 781-286-8335
> www.reverepolice.org
> http://www.facebook.com/ReverePoliceDept
> reverepolice on Twitter
>
>
>
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>

From: Ford Lt Steven <sford@reverepolice.org>
Sent: Thursday, April 06, 2017 11:02 AM EDT
To: Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>
CC: Eamon Miller (eamon.miller@boston.gov) < Eamon Miller (eamon.miller@boston.gov) <eamon.miller@boston.gov>>; Colin Strutt (Colin@Interisle.net) < Colin Strutt (Colin@Interisle.net) <Colin@Interisle.net>>; 'Chuck Wade' (Chuck@Interisle.net) < 'Chuck Wade' (Chuck@Interisle.net) <Chuck@Interisle.net>>; Habershaw, Deirdre (Deirdre.Habershaw@cityofboston.gov); Jay Mazzola (rfd441@gmail.com) (rfd441@gmail.com) < Jay Mazzola (rfd441@gmail.com) (rfd441@gmail.com) <rfd441@gmail.com>>
Subject: RE: System Shutdown

Sounds good, I don't know what time they will be here but will find out.

Lt. Steven Ford
781-286-8335
www.reverepolice.org
http://www.facebook.com/ReverePoliceDept
@reverepolice on Twitter

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From: Eric Johnson [mailto:ejohnson@Lan-Tel.com]
Sent: Thursday, April 06, 2017 11:01 AM
To: Ford Lt Steven
Cc: Eamon Miller (eamon.miller@boston.gov); Colin Strutt (Colin@Interisle.net); 'Chuck Wade' (Chuck@Interisle.net); Habershaw, Deirdre (Deirdre.Habershaw@cityofboston.gov); Jay Mazzola (rfd441@gmail.com) (rfd441@gmail.com)
Subject: Re: System Shutdown

Thank you I think we should do a controlled power shut down

Respectfully,

Eric Johnson
Security Project Manager
1400 PROVIDENCE HIGHWAY,
SUITE 3100
NORWOOD, MA 02062

M 617.785.8254 | **F** 781.551.8667

ejohnson@lan-tel.com
www.lan-tel.com
FOLLOW US: Twitter | LinkedIn | Facebook

On Apr 6, 2017, at 10:50 AM, Ford Lt Steven <sford@reverepolice.org> wrote:

On Monday there is going to be a electrician at the RPD to redo some of the electrical in room 111 off of dispatch. One of the issues will be the plug that your servers and equipment is plugged into.

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From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Thursday, April 06, 2017 11:10 AM EDT
To: Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>
CC: Ford Lt Steven <Ford Lt Steven <sford@reverepolice.org>>; Eamon Miller (eamon.miller@boston.gov) < Eamon Miller (eamon.miller@boston.gov) <eamon.miller@boston.gov>>; Colin Strutt (Colin@Interisle.net) < Colin Strutt (Colin@Interisle.net) <Colin@interisle.net>>; 'Chuck Wade' (Chuck@Interisle.net) < 'Chuck Wade' (Chuck@Interisle.net) <Chuck@interisle.net>>; Habershaw, Deirdre (Deirdre.Habershaw@cityofboston.gov); Jay Mazzola (rfd441@gmail.com) (rfd441@gmail.com) < Jay Mazzola (rfd441@gmail.com) (rfd441@gmail.com) <rfd441@gmail.com>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Sarah Plowman <Sarah Plowman <sarah.plowman@boston.gov>>; Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>
Subject: Re: System Shutdown

Thank you Eric and Lt. Ford,

I am also sharing this with FTG on the off chance that this power cut off results in any inter-mapper alerts. Just so we are all on the same page.

Thank you for the heads up,
Deirdre

On Thu, Apr 6, 2017 at 11:01 AM, Eric Johnson<ejohnson@lan-tel.com> wrote:

> Thank you I think we should do a controlled power shut down
>
> LAN-TEL COMMUNICATIONS, INC. 25TH ANNIVERSARY
>
> Respectfully,
>
> Eric Johnson
> Security Project Manager
> 1400 PROVIDENCE HIGHWAY,
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> NORWOOD, MA 02062
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> **M** 617.785.8254 | **F** 781.551.8667
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--
Deirdre Habershaw
Project Director
Mayor's Office of Emergency Management
One City Hall Square, Rm 204
617-635-1400

From: Chuck Wade <Chuck@Interisle.net>
Sent: Thursday, April 06, 2017 11:11 AM EDT
To: Ford Lt Steven <Ford Lt Steven <sford@reverepolice.org>>; Eamon Miller (eamon.miller@boston.gov) < Eamon Miller (eamon.miller@boston.gov) <eamon.miller@boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@Lan-Tel.com>>; Colin Strutt (Colin@Interisle.net) < Colin Strutt (Colin@Interisle.net) <Colin@Interisle.net>>
CC: Habershaw, Deirdre (Deirdre.Habershaw@cityofboston.gov); Jay Mazzola (rfd441@gmail.com) (rfd441@gmail.com) < Jay Mazzola (rfd441@gmail.com) (rfd441@gmail.com) <rfd441@gmail.com>>
Subject: Re: System Shutdown
Attachment(s): "smime.p7s"

Steven,

The PSnet switches and BridgeWave microwave radio are plugged into a Tripp Lite PDU with an Automatic Transfer Switch (ATS). This PDU has a primary and secondary source for AC power, which means two separate cords. The last time I checked, one of the AC sources (primary) is plugged into the APC SmartUPS-3000 in the bottom of that rack, while the secondary connects into the outlet that your electrician provided above the rack. As long as one of these two power cords remains connected to a live AC source, then we should not see any power outage for the switches and microwave link.

However, the CIMS video server(s) are not currently plugged into this PDU, though these servers do have separate power feeds. I believe that one or both of the server power feeds are plugged into the APC UPS in that rack.

Since FTG recently replaced the battery in the APC UPS, it should maintain power through a brief outage.

Note that the intent is to eliminate the APC SmartUPS-3000 in that rack, and have everything operating off of your system UPS for the RECC. Perhaps Monday would be a good time to get everything off the APC UPS. Any critical equipment that has only a single power cord can be plugged into the PSnet Tripp Lite PDU. I only ask that you let me know what is plugged into each outlet so that we can keep track of outlet assignments. Your SG300 switch would be a good candidate for the PDU, since I don't believe it has dual power supplies and feeds, but is certainly critical to your RECC services, including your telephone services.

I can be available Monday to assist with any issues or questions that crop up.

...Chuck

Chuck Wade, Principal
Interisle Consulting Group
+1 508 435-3050 Office
+1 508 277-6439 Mobile
www.interisle.net

On 4/6/17 10:50 AM, Ford Lt Steven wrote:

> On Monday there is going to be a electrician at the RPD to redo some of the electrical in room 111 off of dispatch. One of the issues will be the plug that your servers and equipment is plugged into.
>
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From: Deirdre Habershaw <deirdre.habershaw@boston.gov>
Sent: Thursday, April 06, 2017 11:37 AM EDT
To: Michael Kiely <Michael Kiely <mkiely@police.somerville.ma.us>>
CC: Scott Wilder <Scott Wilder <swilder@brooklinema.gov>>; Karen Coye <Karen Coye <kcoye@ftgsecurity.com>>; Harold Cataldo (harold.cataldo@pd.boston.gov) < Harold Cataldo (harold.cataldo@pd.boston.gov) <harold.cataldo@pd.boston.gov>>; Sarah Plowman <Sarah Plowman <sarah.plowman@boston.gov>>; Eric Johnson <Eric Johnson <ejohnson@lan-tel.com>>; Mike Cobb <Mike Cobb <mcobb@ftgtechnologies.com>>; Shiro Ando <Shiro Ando <sando@ftgtechnologies.com>>; Chuck@Interisle.net
Subject: Re: PSnet - Ritz Mods for new Revere Hotel site

Good morning All,

After looking through the notes from the PSnet EC meeting the committee made it very clear to FTG that we wanted them to step up and become more involved in the day to day resolution of issues. That was one of the reasons that we added them to the intermapper alert emails in the first place. We encouraged them to speak up when they recognized an issue where they felt they may be able to provide assistance. We also noted that there would be some growing pains as we rolled this out and FTG became more familiar with the frequency and severity of alerts. It seems to me this is a perfect example of exactly what we anticipated may play out and I am confident we will be able to get to a place where these hiccups can be avoided.

However, I would ask that all vendors include the two other vendors on correspondence regarding the network. Especially if that correspondence includes reference to the third vendor. In this instance, when FTG inquired with Interilse regarding this site and it was communicated that Lan-tel was performing work at the site, Lan-tel should have then been engaged before reaching out to the committee.
We would ask that going forward that the three vendors consult with each other before seeking intervention from the committee.

If you have any questions or concerns please do not hesitate to reach out to myself or Sarah.

On Tue, Apr 4, 2017 at 5:39 PM, Michael Kiely<mkiely@police.somerville.ma.us> wrote:

> Hello all, I've added Chuck to this. Now, it seems that all three vendors hopefully are all getting the messages/message! In reading what has been put out today,I have a few questions and it disturbs me deeply that we will have to pay for responses to this.
> Are people staying in their lane? Is this Revere Hotel issue an emergency and is it PSNET related?
> Lastly, and more important; why are the vendors sharing information and NOT including people that are mentioned and may be affected by these problems. I do not find this to be professional and frankly exactly what we are trying to avoid as we move forward.
> I will continue to investigate this and discuss at our next meeting.
> Sincerely,
>
> Sgt. Michael Kiely
> Homeland Security &
> Emergency Management
> (617) 625-1600x7241
>
> On Apr 4, 2017, at 4:32 PM, Scott Wilder <swilder@brooklinema.gov> wrote:
>
> > I copied Eric from Lantel on this question, if LanTel is working on this issue or a piece of this issue, we should wait until we understand from them,
> >
> > what needs to be done, and in what order. I believe most of the equipment discussed is CIMs equipment, but I will turn to Lantel to confirm what is Cisms and what is Psnet.
> >
> > So, if the equipment is Camera equipment, Lantel will handle, if part of the equipment is Psnet, the committee will address how to handle that, and what equipment would need to be replaced. But at this point, we have one vendor working on the problem, let them finish what they are responsible for, then we can evaluate what the next steps are.
> >
> > My feeling is having 2 vendors dive into the same problem, the left hand does not know what the right hand is doing, that usually ends up bad.
> >
> > Thanks,
> >
> > Scott

Officer Scott Wilder

Director of Technology

Brookline Police Department

350 Washington Street

Brookline, MA. 02445-6800

Office : 617-730-2259

swilder@brooklinema.gov

From: Karen Coye [mailto:kcoye@ftgsecurity.com]
Sent: Tuesday, April 04, 2017 3:33 PM
To: Scott Wilder; Deirdre Habershaw; mkiely@police.somerville.ma.us ; Harold Cataldo (harold.cataldo@pd.boston.gov) ; Sarah Plowman
Cc: Mike Cobb; Shiro Ando
Subject: PSnet - Ritz Mods for new Revere Hotel site
Importance: High

All,

Intermapper shows continuous alerts from the PSnet switch Ritz SwA. The nature of the alerts indicate "Transmit Discarded Packet" issues are occurring in significant bursts.

We asked Interisle for info on this condition and they advised as follows:

> *That problem started a week or so ago, and I've already suggested to the LAN-TEL folks that they take a look at the cabling from that interface to the radio when they're next on that site. We might disable the alerts for that interface, but this is one of the features that is a bit flaky with the recent versions of InterMapper (it's also a recently added feature). Note, this site is in a state of flux, as it is being upgraded and a new backbone link to the Revere Hotel is now online, and will soon be carrying traffic. In other words, this is an active work project driven by LAN-TEL with support from Interisle.*
>
> *The LAN-TEL team handles configuration of these links that are really only for camera systems, and Fred helps out with tuning and overall frequency management. Fred and I deal with the network issues for these links.*

We understand that Lan-Tel is performing work at the Revere Hotel under their CIMS contract, but we believe that the RitzSwA (HP) will need to be replaced with a switch capable of OSPF in order to add the traffic from the Revere Hotel and use the MIT Wireless Bridge as a backup. Currently the HP 2510 switch at the Ritz is not routing its own traffic and the switch at MIT is doing the routing. With both links installed at the Ritz, FTG would recommend that the routing happen locally at the Ritz for efficient failover between connections.

Please confirm that any re-design and/or switch replacement at the Ritz or MIT should be performed by FTG, unless there is a budgetary factor such that the Ritz switch replacement would be covered under the CIMs contract vs. PSnet, and therefore Lan-Tel will perform that work as Interisle states above.

Further, we believe that re-configs may be necessary for the MIT wireless bridge connection, which can be part of a further design conversation with Interisle.

From the Interisle note above, this work appears imminent. We'll complete an on-line incident report as well, which will rely on the detail above.

Please review and let me know if you have any questions or wish to discuss.

Regards,

Karen

Karen Coye | **Project Manager**

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*To open a new service request, please email*servicecenter@ftgtechnologies.com *or*

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