

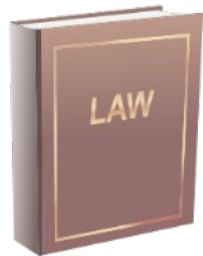


LEPC #3
Mt. Ascutney Hospital & Health Center
8/12/15



VISION

To provide emergency responders with the first nationwide, high-speed, wireless broadband network dedicated to public safety



THE LAW 2.22.12

FirstNet becomes Law
PL 112-96

GOVERNANCE



FirstNet Board of Directors' **15** members have backgrounds in police, fire, sheriff, emergency medical, city government, and commercial telecommunications.

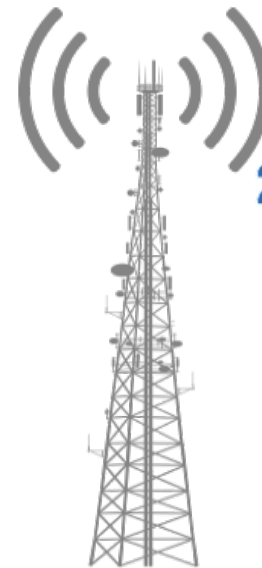
Governor appoints **1** single Point of Contact and governing body to represent the state's interests to FirstNet.

40 member Public Safety Advisory Committee (PSAC) advises FirstNet on public safety intergovernmental matters.

FUNDING \$7B

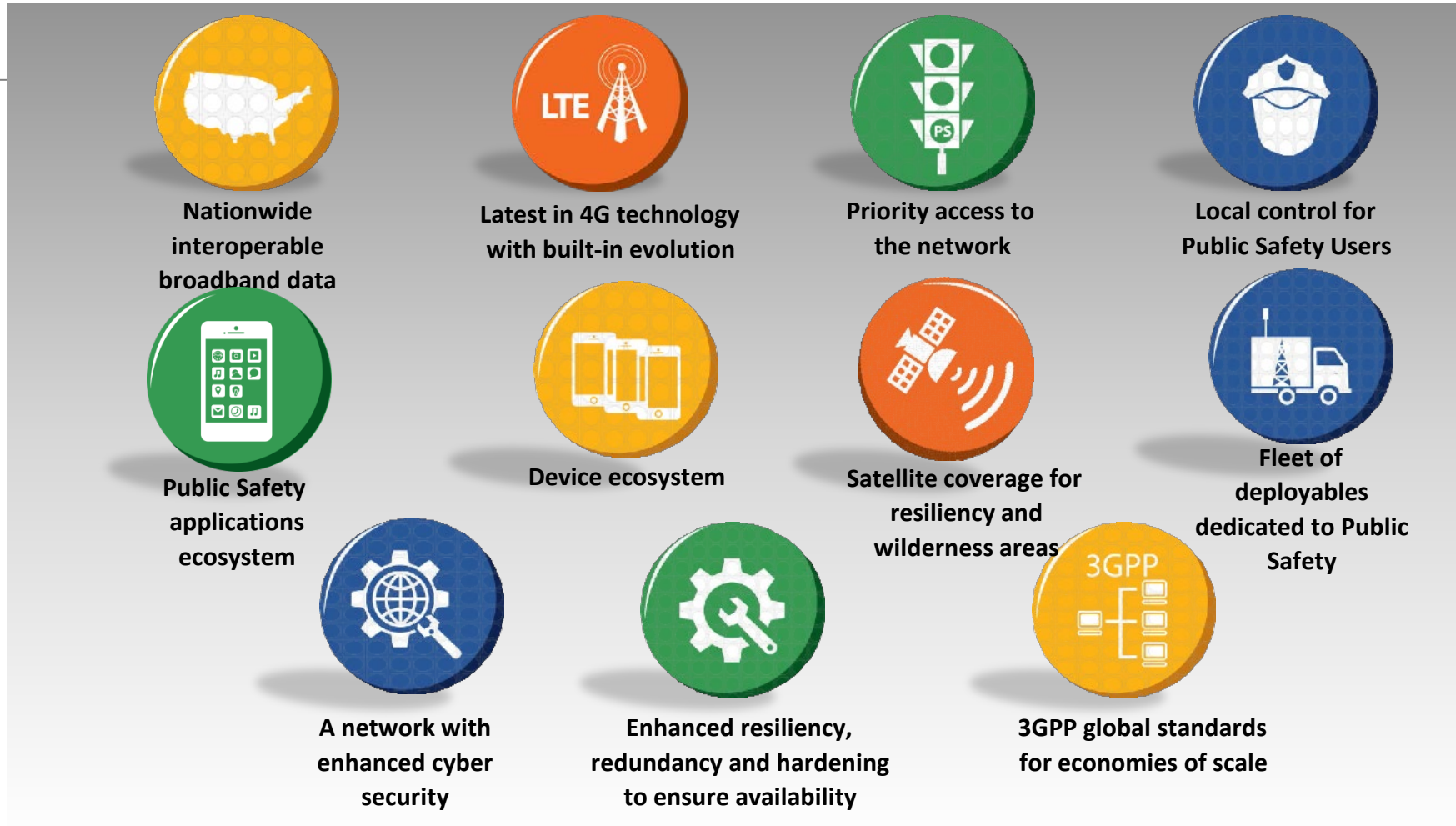


authorized to build the FirstNet network. Funded by spectrum auctions through 2022. The first auction netted

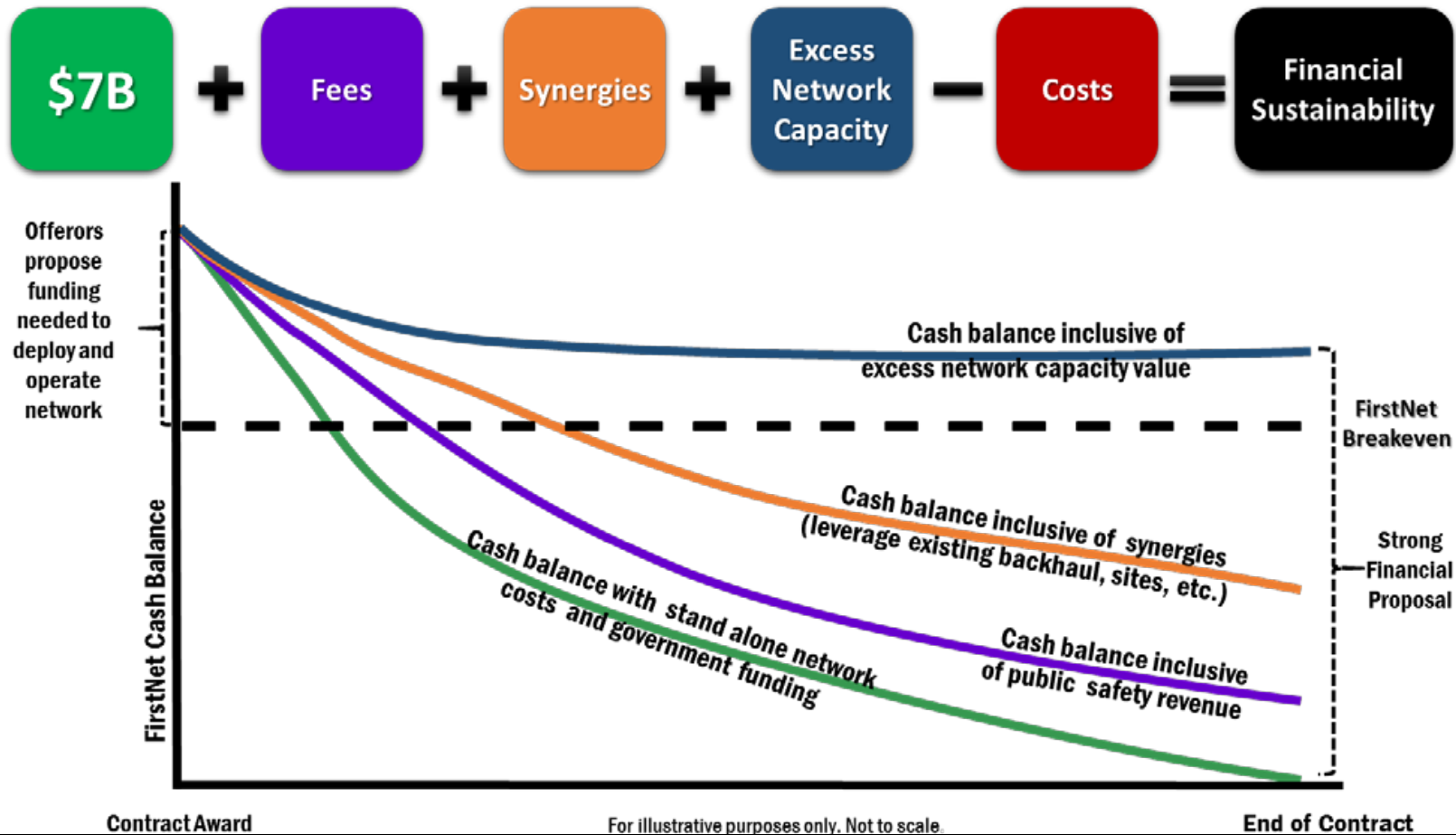


20MHz of bandwidth has been dedicated to public safety in the **700MHz** frequency Range using Band Class 14

FirstNet Network

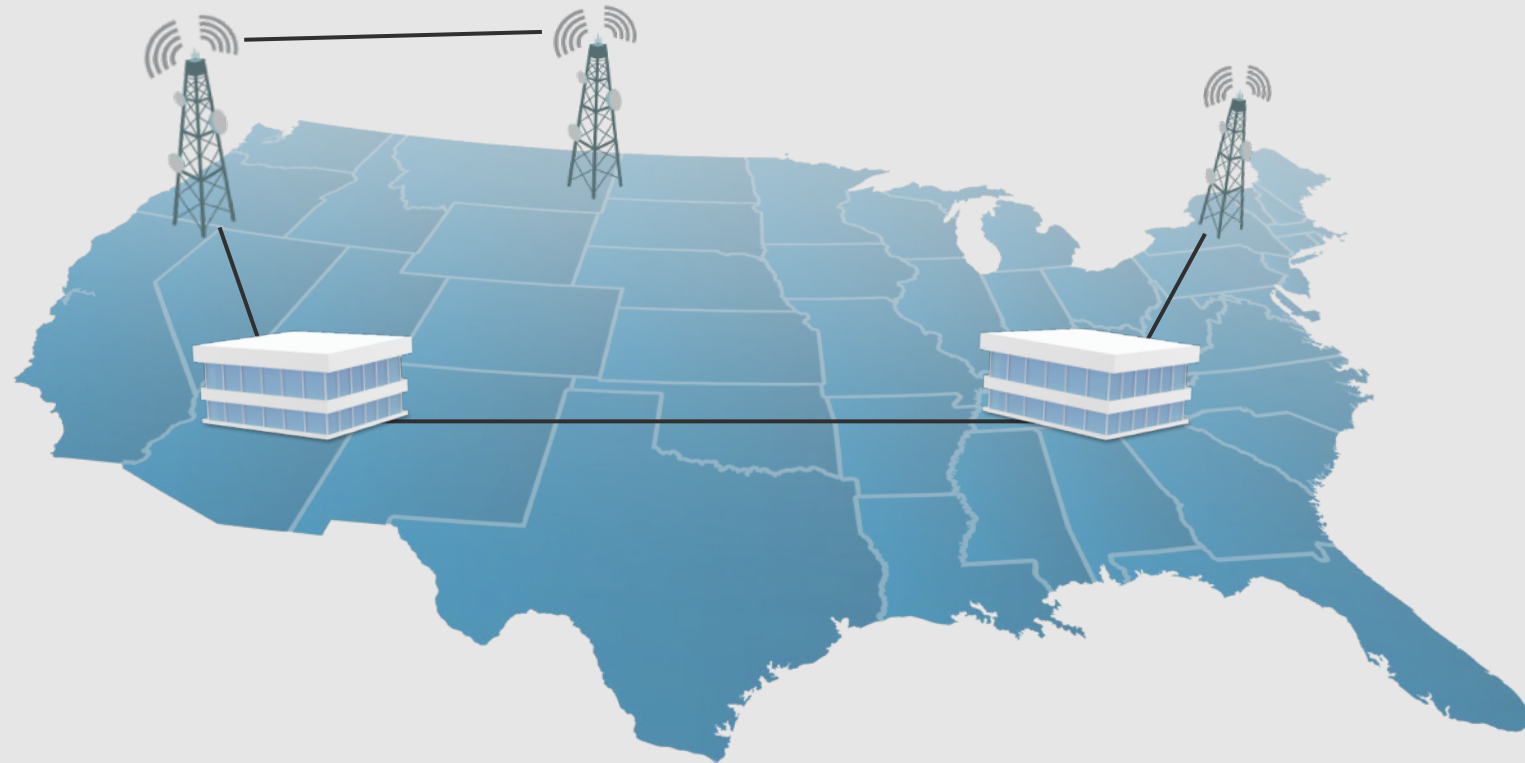


FirstNet Sustainability Model



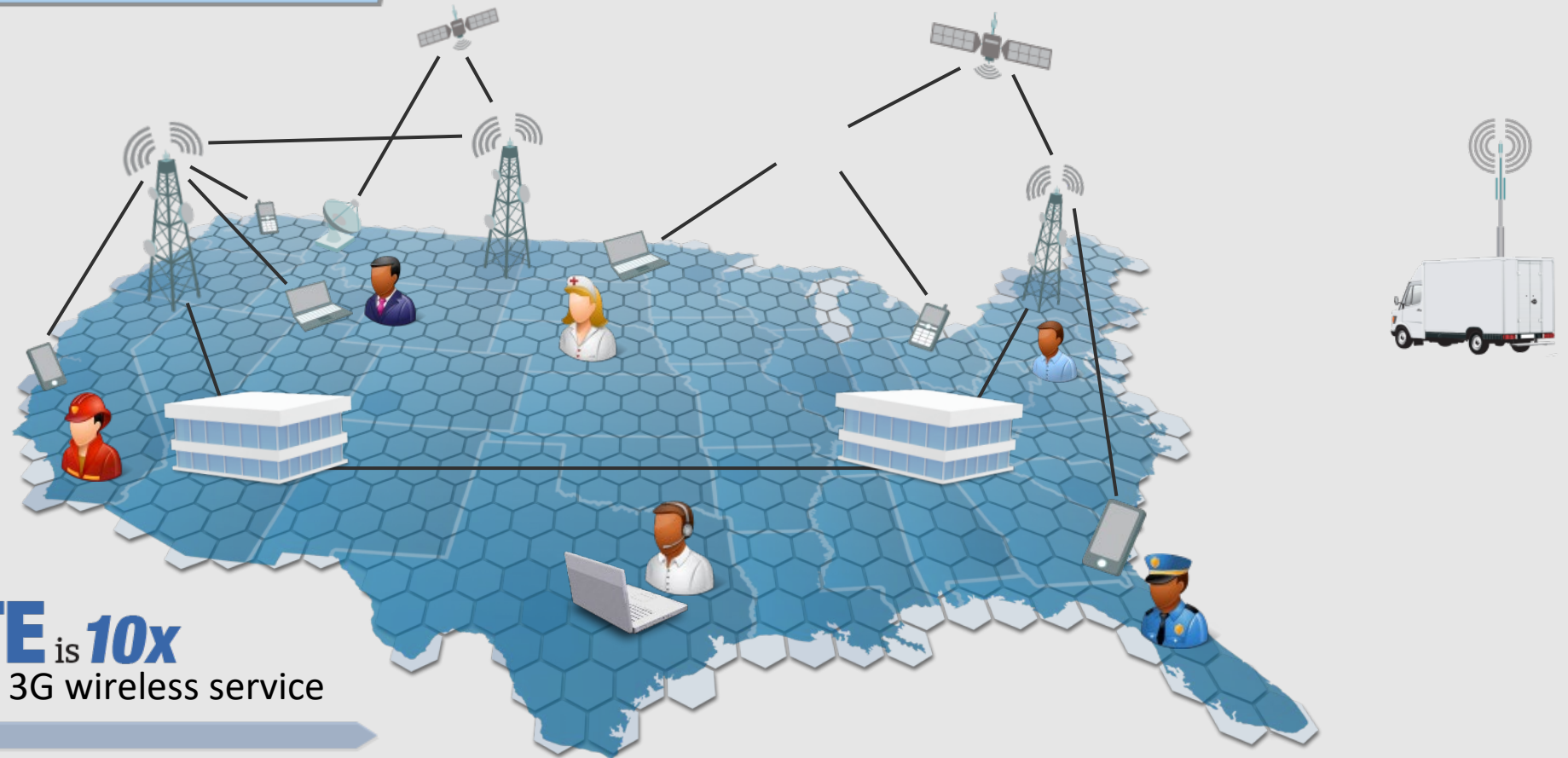
FirstNet by the Numbers

FIRSTNET NETWORK



FirstNet by the Numbers

FIRSTNET NETWORK



4G LTE is **10x**
faster than 3G wireless service



FirstNet by the Numbers

2014-2016

Outreach and awareness
Collect local data and design network
Develop and award supplier RFP
Establish network core

THE ROAD TO FIRSTNET

2017+

Governor reviews design offer and opts in or out of FirstNet network deployment
Integrate Next Generation 9-1-1

2022

Network substantially in operation



Early Adopter 4G/LTE Mobile Data Adopter



STEVE LOCKE, FIRE CHIEF OF HARTFORD VT

- 4G/LTE broadband is not new technology but new to Vermont
- Verizon private network
- Voiceless response
- All information about incident populates on screen
- Application used is called “Active 911”



Spillman Mobile - [Mapping : My Agency's Calls and My Agency's Units : Last Updated at 09:11:44]

File Edit Search Screens Mapping Tools Help

Back Alt+Left
Alt+Right
Alt+Home
Ctrl+J
Ctrl+F6
Ctrl+F5
Ctrl+F10
Shift+F5

ENRT
F2

ARRVD
F3

UNDCL
F4

ENRTH
F5

ARVDH
F6

RETRN
F7

ONAIR
F8

OOSRV
F9

Medical - [14f]
1860 HARTFORD AVE
HRT HFF1A DIVISION ST & FERN ST

HFA2 ENRT

1902 4922 4911 460

1898 1897 81 63

DIVISION ST

168 150 1874 78 64 58 36

1867 32

1866 1860 1857 1845 78

14f Medical 1840 1836 1829 77 67 65 51 35

FERN ST

182 162 134 1816 1809 78 58 50 40 26

156 1808 1796

25yds

Status: ENRT 00:00:05 | Total: 00:06:13 | 09:11:48 | State Returns: 0 | Messages: 0 | No Alerts

File Edit Search Screens Tools Help

Back Alt+Left Alt+Right Alt+Home Ctrl+J F6 F5 F10 Shift+F5 F12 F11

Names Vehicle Property Law Premises Gun Hazmat Boat

Premises: HARTFORD HIGH SCHOOL

Address: 37 HIGHLAND AVE, HRT
Hartford, VT 05001

Premises Type: Educational Services

Floors:

GPM Required:

Fire Dept: HFFD

Law Agency:

Business

Name: [Hartford High School](#)

Type: EDU

Home Phone: (802)295-8610

Work Phone: (fax)295-8611


Start Date:

End Date:

Files

Manage Files

Number: 4744



[Ariel View \(166.9K\)](#)

[Tech Center Entrance \(118.6K\)](#)

[FDC Location \(91.1K\)](#)

[Main Entrance \(182.5K\)](#)

Plans Number: Alarm Number:

Businesses: ☐

Name Number	Full Name	Name Type	Home Phone	Work Phone	StartDate	EndDate
▶ 256	Hartford High School	Educational Services	(802)295-8610	(fax)295-8611		

Contacts: ☐

Name Number	Full Name	Home Phone	Work Phone	Relationship
▶ 669	Baribeau, Byron Gordon	(803)763-8330	(802)295-8654	Employee
671	Smith, Mark I	(802)295-1277	(802)291-1701	Employee
672	Fogg, Mitchell R B	(802)296-7615		Employee

Areas: ☐

Location

HARTFORD FD 1

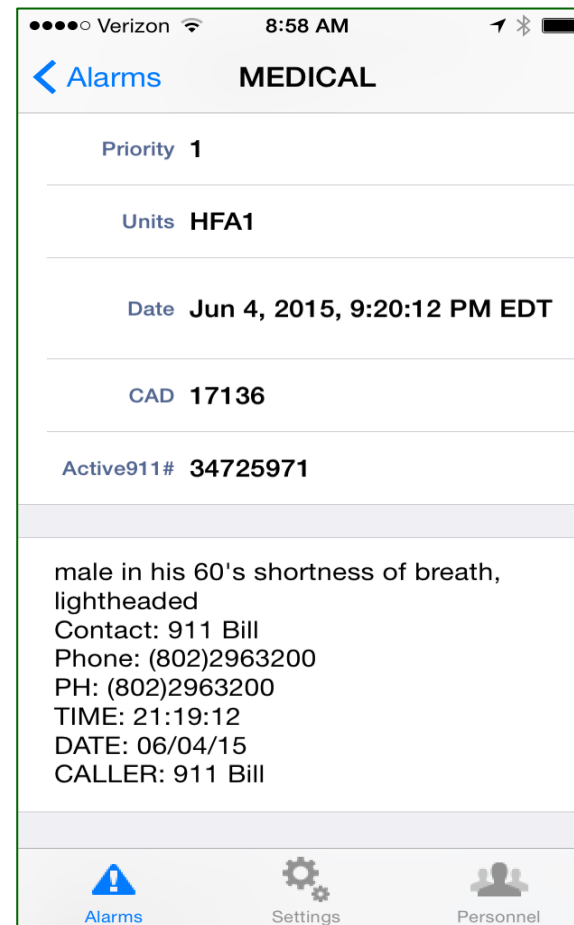
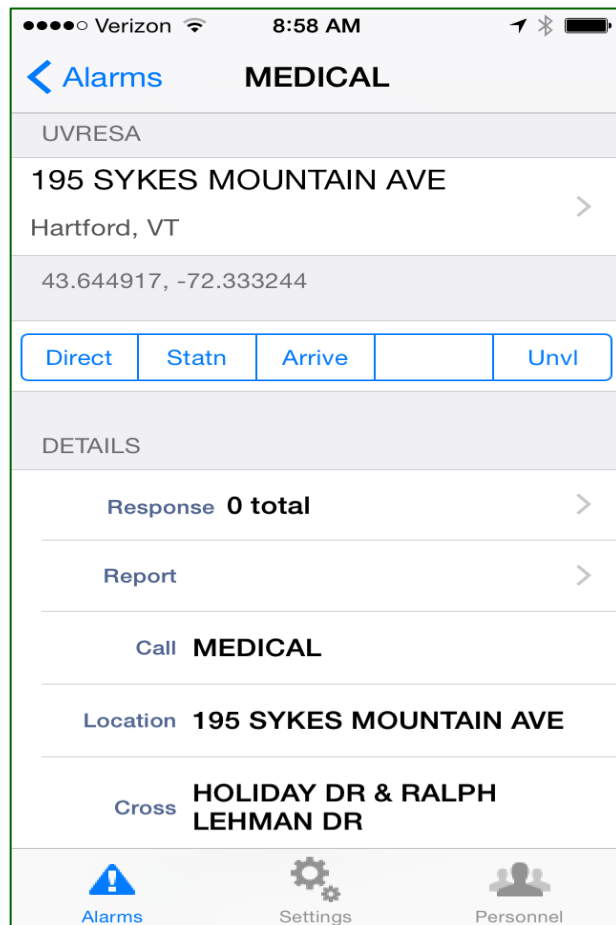
Descriptions: ☐

Seq	Subject	Text
1	Door Location	☐ A1-custodial entrance
2	Sprinkler Connection Location	B-side(supplys vocational school)

Hazardous Materials: ☐ 2862 - CHLORINE - janitors closet - 1 - bleach - gal - training only



Incident Screen Shot



Interoperability with Canada

- For the last five years Canada has been working to establish a National Public Safety Broadband Network.
- April 23, Canadian Prime Minister, Stephen Harper indicated in the budget that \$3million would be allocated for Canada to take initial steps to establish a governance body to oversee this.
- Canada has already allocated 10 megahertz (MHz) of the highly valued 700 MHz broadband spectrum for public safety communications and have recently decided to allocate another 10 MHz of the 700 MHz spectrum to enable the creation of a Public Safety Broadband Network, a high-speed mobile network dedicated to emergency management. The technical aspects of this mirror the US's spectrum.
- Right now Band 14 completely free and unencumbered. No one operates on it.

Vermont Update

- Awarded Federal grant funding for outreach / data collection efforts- Funding is through the State and Local Implementation Grant Program
- Established a governing body to oversee to guide VT's participation in NPSBN through a 2012 Executive Order
 - Appointed SPOC (Single Point of Contact) - Terry LaValley
 - Chairperson of PSBC - Paco Aumand
- PSBC hired a Project Manager to oversee planning activities
 - Launched Outreach / Education website (www.psbv.vermont.gov)
 - Recently initiated data collection and outreach activities
 - Assist DEMHS in revising 2015 SCIP to ensure that the National Public Safety Broadband Network is referenced

Initial Vermont State Consultation with FirstNet took place June 16, 2015

Outreach / Education Update August 2015

Outreach and Education Statewide is governed by a Project Plan that was endorsed by the commission in March, 2015. Plan is a living document, iterative, and integrates new information as it becomes available.

To date, the Public Safety Broadband Commission has:

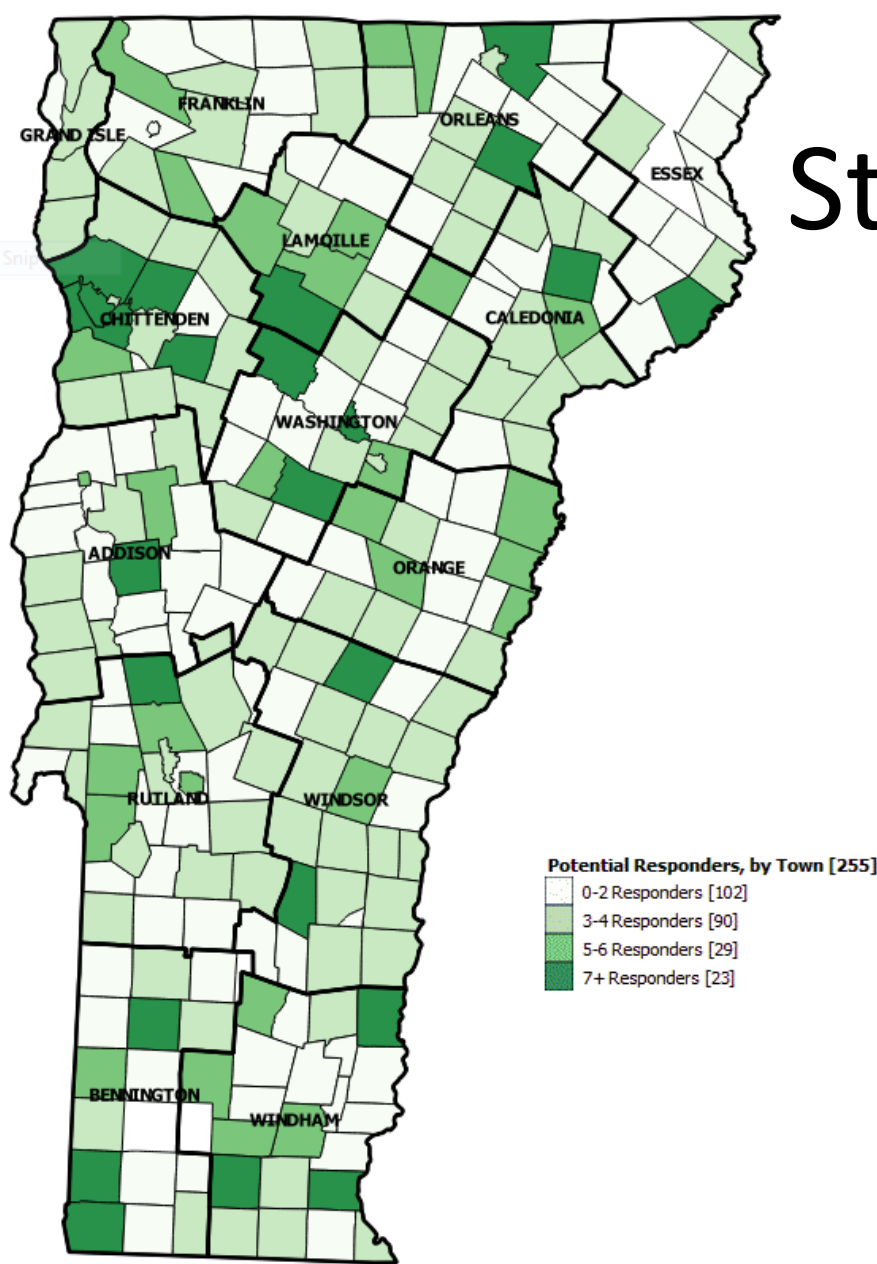
- ✓ Met with **456** individuals throughout Vermont to discuss FirstNet ,
- ✓ Attended 2 Broadband Conferences ,
- ✓ Held 15 Governance meetings ,
- ✓ Distributed 382 Educational Materials; including handouts about FirstNet and how to stay engaged with the PSBC.

Data Collection Efforts Complete by September, 30 2015:

- ✓ 3 Temporary field staff are working actively to collect data.

Status: FirstNet Outreach

As of 4-August



- Aimed at 850 local officials: fire, police, rescue squads and others;
- **53%** response
- All respondents in 49 towns have replied (darkest green);
- No responses yet from 35 towns;
- 11 towns and gores have no public safety entities.



Responses: Windsor County

<i>Town</i>	<i>Entities in Town</i>	<i>Responses from Town</i>	<i>% responded</i>
Andover	1	0	0.00%
Baltimore	1	1	100.00%
Barnard	3	3	100.00%
Bethel	3	3	100.00%
Bridgewater	4	2	50.00%
Cavendish	3	1	33.33%
Chester	4	2	50.00%
Hartford	4	3	75.00%
Hartland	2	2	100.00%
Ludlow	7	1	14.29%
Norwich	4	3	75.00%
Plymouth	3	1	33.33%
Pomfret	4	3	75.00%
Reading	3	1	33.33%
Rochester	3	0	0.00%
Royalton	8	4	50.00%
Sharon	2	1	50.00%
Springfield	4	3	75.00%
Stockbridge	2	2	100.00%
Weathersfield	5	2	40.00%
West Windsor	3	2	66.67%
Weston	2	2	100.00%
Windsor	4	1	25.00%
Woodstock	6	3	50.00%
Towns	Entities	Responses	
25	85	46	

Your Input Matters

- I. Make sure your Public Safety Entity fills out the Mobile Broadband Survey Tool so that VT can work towards establishing statewide coverage and capacity needs.
www.psbv.vermont.gov/data-collection
- II. Sign up for newsletter updates:
www.psbv.vermont.gov
- III. Invite the Public Safety Broadband Commission to present to your local public safety entity
- IV. Check out our website for updates
- V. Read our meeting minutes:
<http://psbc.vermont.gov/content/meeting-minutes-and-agendas>



Questions?

-
- ✓ Learn more about Vermont's work on Firstnet at <http://psbc.vermont.gov/>
 - ✓ Get News updates at <http://psbc.vermont.gov/outreach/join-newsletter>;
 - ✓ Contact Project staff with questions:
 - Project Manager: Tess Gauthier, (Tess.Gauthier@Vermont.Gov)
 - Field Staff:
 - Justin Barton (Northwest), (Justin.Barton@Vermont.Gov)
 - Bruce Westcott (Northeast), (Bruce.Westcott@Vermont.Gov)
 - Tim Tassinari (South), (Tim.Tassinari@Vermont.Gov)