



Creating a Nationwide Network for Public Safety



Chuck Dowd

Assistant Police Chief, New York City
FirstNet Board Member



Hometown Security:
Safety Through Technology

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EVOLUTION OF FIRSTNET



Middle Class Tax Relief and Job Creation Act



FirstNet Board Approves 2014 Budget and Plan



Department of Commerce Establishes FirstNet Board



Sep 2001

Jan 2004

Feb 2012

Aug 2012

April 2013

Aug 2013

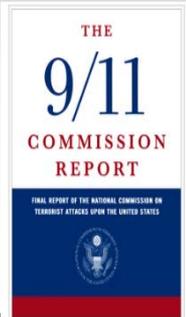
2 years, 4 months

8 years, 1 months

6 months

8 months

4 months



FirstNet Names General Manager

FirstNet exists to serve first responders and the public safety community with dedicated, highly reliable, nationwide wireless data services, applications and user devices, at the lowest possible costs.



WHAT IS FIRSTNET?

FirstNet will be the first high-speed, broadband data network dedicated to public safety.



This platform will facilitate communication for public safety users during emergencies and on the job every day.

FirstNet will be a bigger, more reliable, resilient and secure wireless “pipe”.

Public Safety-Grade

- Reliable
- Hardened
- Redundant
- Secure



Public Safety Applications

- 4G data for video & web
- Existing and new applications
- Voice – evolving from cellular quality to mission-critical

Public Safety Effectiveness

- Dynamic Priority Access
 - Force Multiplier

The Law

Congressional mandate to establish a nationwide public safety network

Support

Substantial industry collaboration around user requirements, interoperability and technology

Spectrum

2x10 MHz of nationwide spectrum (700 MHz, Band 14)

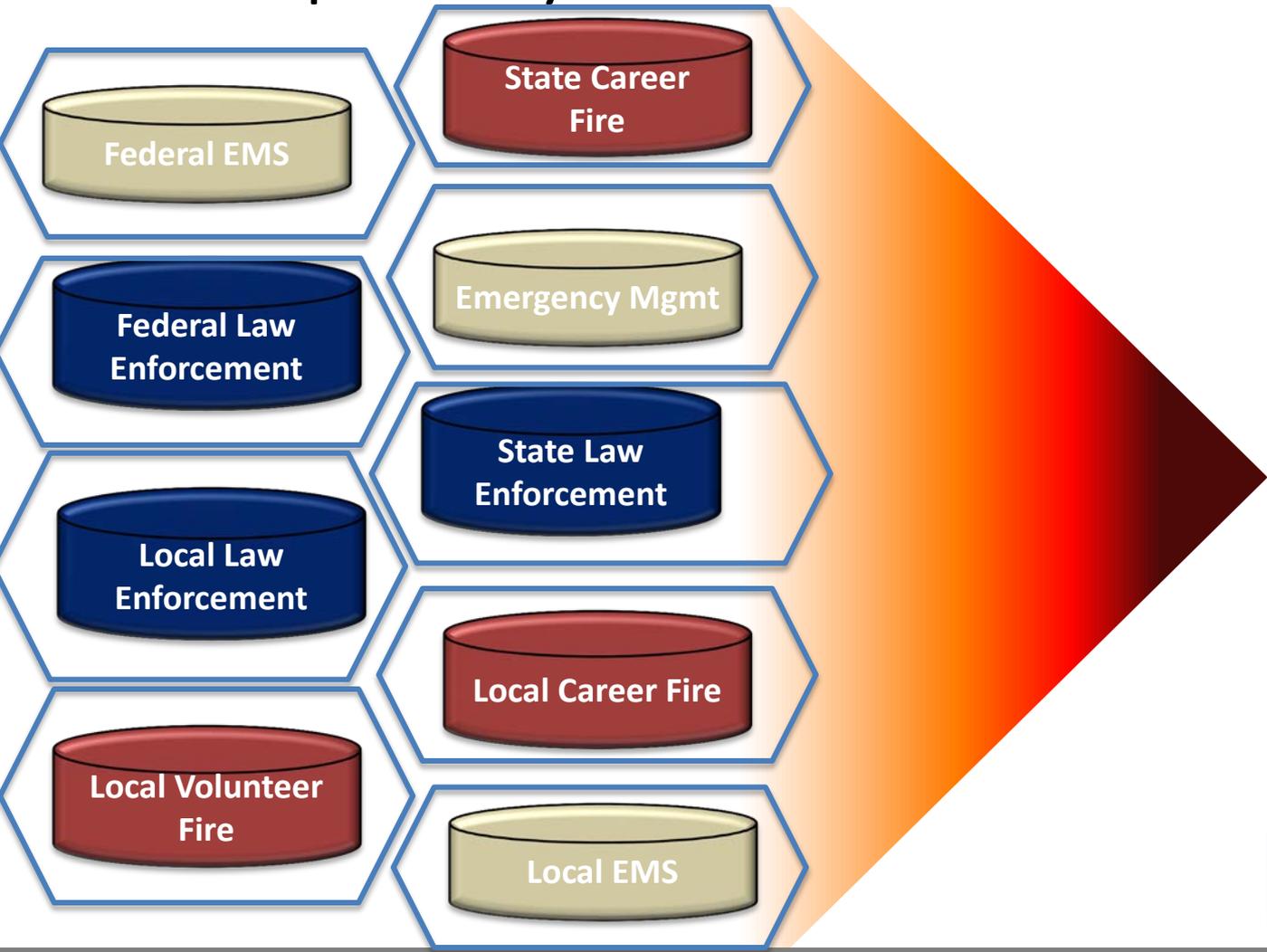
Funding

\$2B of current funding; potential for \$5B additional funding from auction proceeds

Leadership

An experienced Board and Management Team motivated to bring FirstNet into service

Today, there are as many as 20,000 LMR networks for public safety



FirstNet will deliver a single nationwide LTE broadband network that will be able to leverage data, applications for first responders with smartphones and specialized devices.

FirstNet will provide fast access to applications which can be shared broadly or on a limited, credentialed basis. Examples include:

- Streaming video / surveillance
- Large file transfer / download
- Licenseplate reader
- Situational awareness
- Field fingerprinting
- Field reporting
- GIS/Mapping tools
- Database queries



BENEFITS OF FIRSTNET BROADBAND NETWORK

- Priority access and local control
- Enables more coordinated emergency response
- Improved situational awareness across the entire incident team
- Coverage based on geography, not just population
- Coverage solutions for rural and wilderness areas
- Capacity tailored to expected traffic loads and special event spikes



In time, a nationwide network and new applications like telemedicine will change the way public safety operates.

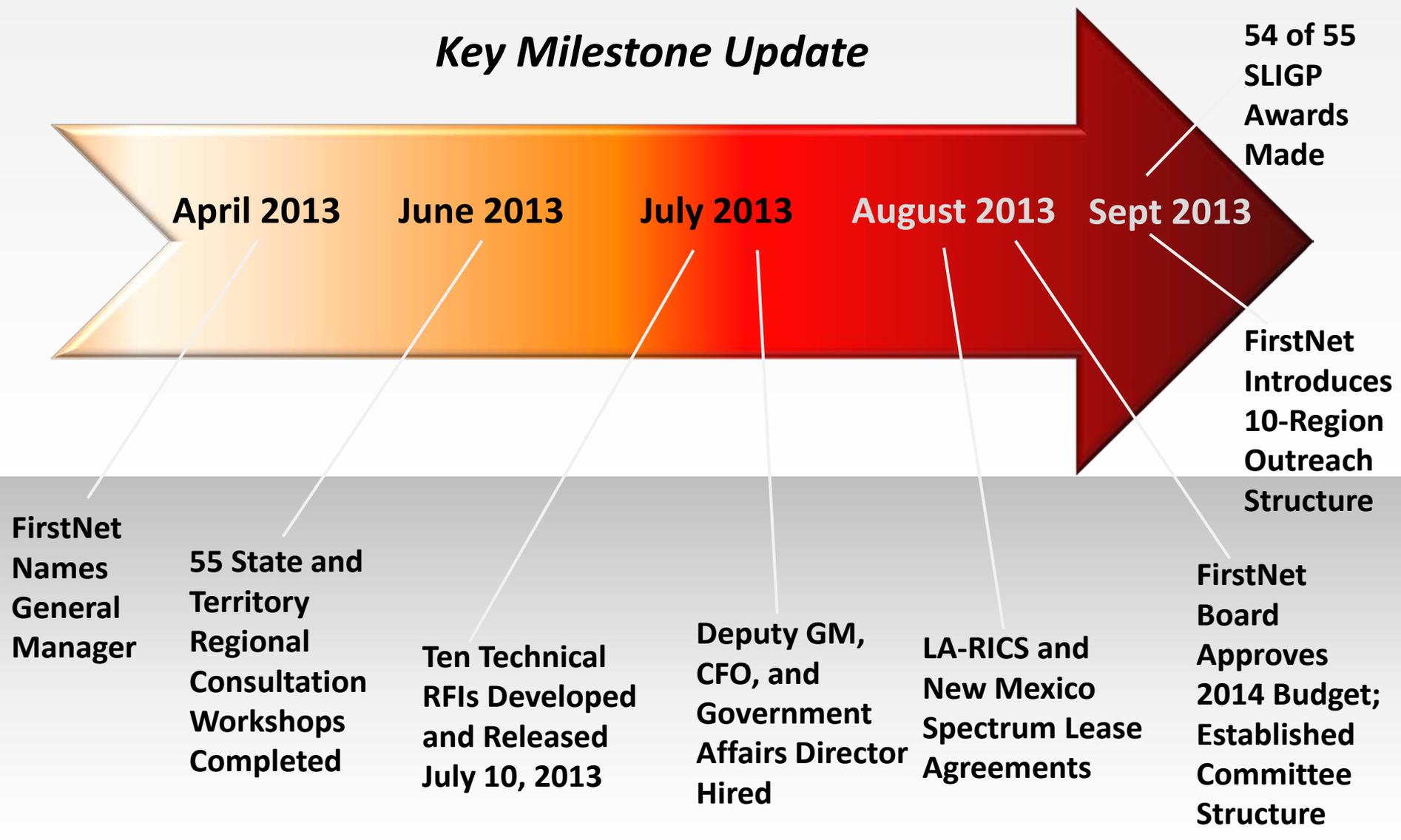


Diagram content courtesy of the Department of Defense, Telemedicine & Advanced Technology Research Center

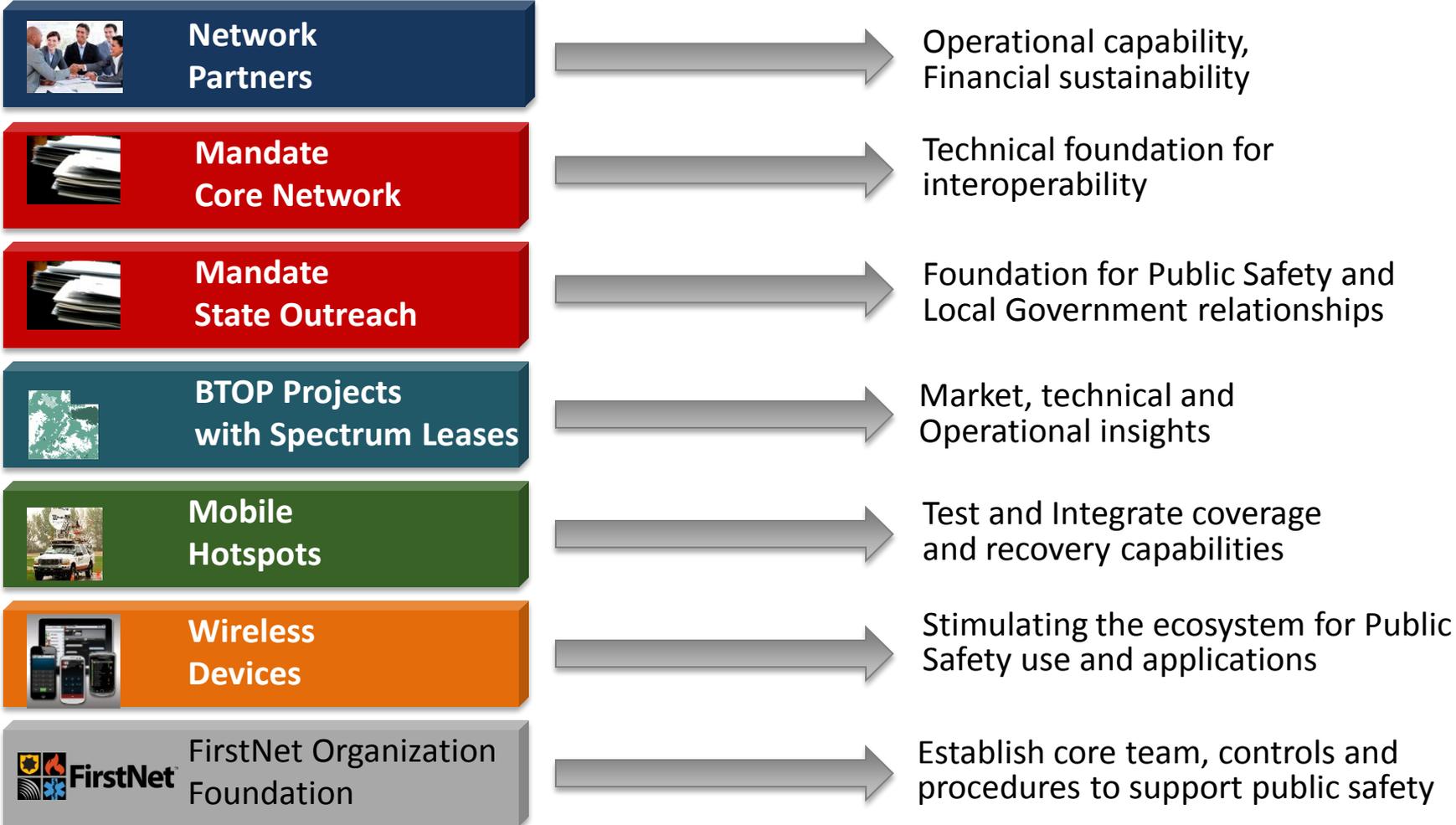
FirstNet Progress



Key Milestone Update



The Board approved a \$194M budget for 2014.



Top 5 Things You Can Do

5. Stay informed about FirstNet progress via www.firstnet.gov
4. Give input to your state point of contact
3. Share your ideas for applications and services with PSAC members
2. Watch for the launch of our new website this Fall
1. Spread the word about FirstNet



Learn more at www.firstnet.gov

THANK YOU

