

A Roadmap for Public Safety Communications And the FirstNet Lab and Experience Center



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Jeff Bratcher, CTO, First Responder Network Authority

Dr. Jennifer Harder, Sr. Director, Products, First Responder Network Authority

Kim Coleman-Madsen, Senior Public Safety Advisor, First Responder Network Authority



FirstNet By the Numbers



750K+ FirstNet connections



~9,000

Public safety agencies subscribed



75+ FirstNet Ready™ devices

~650

Markets¹ with Band 14 spectrum



FASTER

than any commercial network²



~65%

Band 14 coverage completion; well ahead of schedule



50+ Unique apps in the FirstNet App Catalog



75 Dedicated deployable network assets, including 3 Flying COWs™



175+    

Asset deployments for planned and emergency events this year

¹ Markets defined by FCC CMAs.

² Based on AT&T analysis of Ookla® Speedtest Intelligence® data average download speeds for Q2 2019. Ookla trademarks used under license and reprinted with permission.

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Transforming Public Safety Communications



PUBLIC SAFETY ENGAGEMENT



ROADMAP



INVESTMENT

Roadmap & Investment

Stakeholder Engagement



Public Safety Engagement



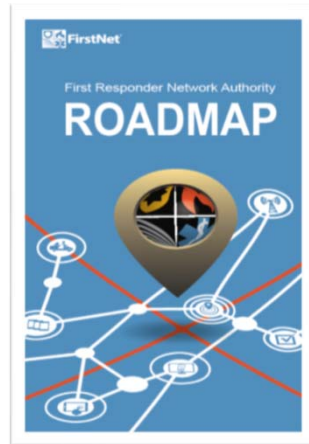
Industry Engagement



FIRSTNET™
Built with AT&T

Contractor Engagement

FirstNet Authority Roadmap



ROADMAP DOMAINS



THE CORE



COVERAGE AND CAPACITY



SITUATIONAL AWARENESS



VOICE COMMUNICATIONS



SECURE INFORMATION EXCHANGE



USER EXPERIENCE

Investment



Guided by the enabling legislation



Adheres to the investment principles



Aligns to the FirstNet Authority Roadmap

Coverage Enhancement Investment



Expand the NPSBN Deployables Fleet

Current NPSBN Deployables Fleet

- **70+ FirstNet-dedicated** deployable assets available nationwide
- **Subscribing agencies can request deployables** to support disasters, critical incidents, and planned events
- **Service includes** all expenses directly associated with FirstNet deployables at no additional cost to FirstNet subscribers



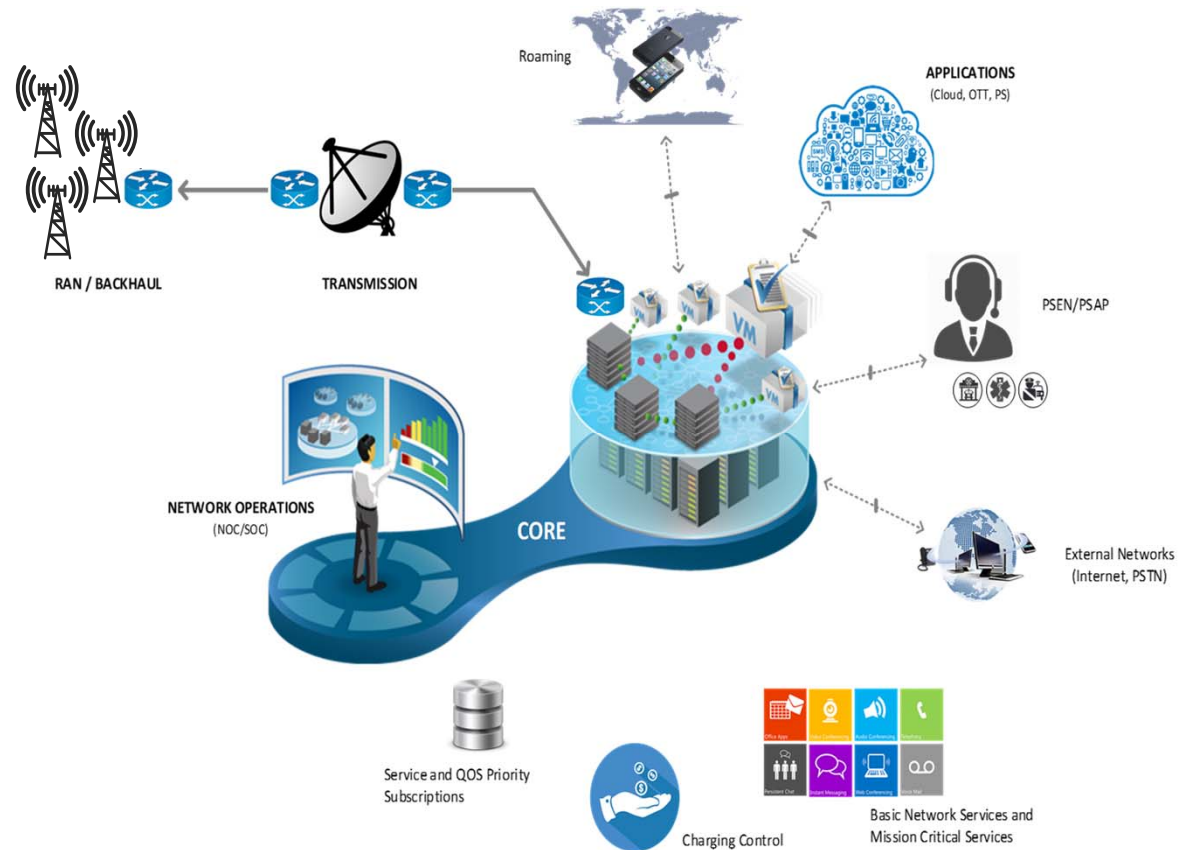
Network Enhancement Investment



Enhance the FirstNet Core for 5G network capabilities

Current FirstNet Network

- Public safety **always** gets **priority and preemption**
- **Highly secure network** to meet public safety's data requirements
- **Controlled access** by public safety agencies for their users
- Coverage **where public safety operates**
- Enhanced user experience



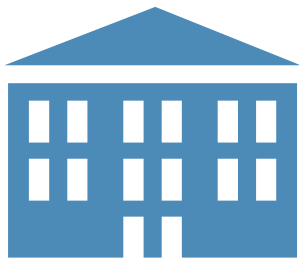
Experience Program Key Tenets



Elements of the Experience Program

Vision

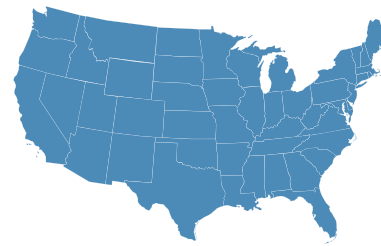
The Experience FirstNet program will facilitate hands-on engagements and interactive experiences that strive to provide public safety the ability to experience the FirstNet solution and innovations, as well as the opportunity to offer input on network features, services, technologies, capabilities, and potential future innovations.



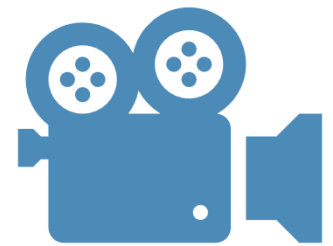
Experience
Center in
Boulder, CO



Public Safety
Advocacy –
Field Outreach
Experiences



Extension
Collaborations



On Demand and
Digital Content

Experience FirstNet Program Guiding Principles


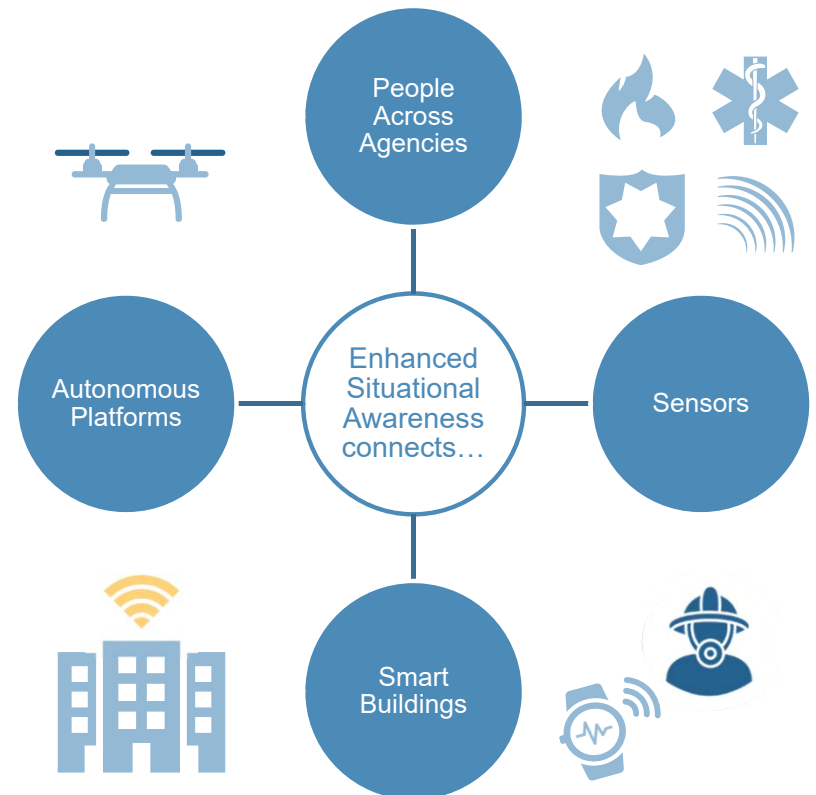


Sample Roadmap Experience: Situational Awareness



What is Enhanced Situational Awareness?

Use of advanced technologies to break down the barriers to information sharing among first responders via enhanced communications and shared intelligence gathering and analysis



Collaborate with industry and advocate for the development of standards, devices, technologies, and systems that collect, synthesize, analyze, and share information regarding personnel, assets, threats, and hazards in a manner that improves public safety operations.



Q&A

