

FirstNet Update

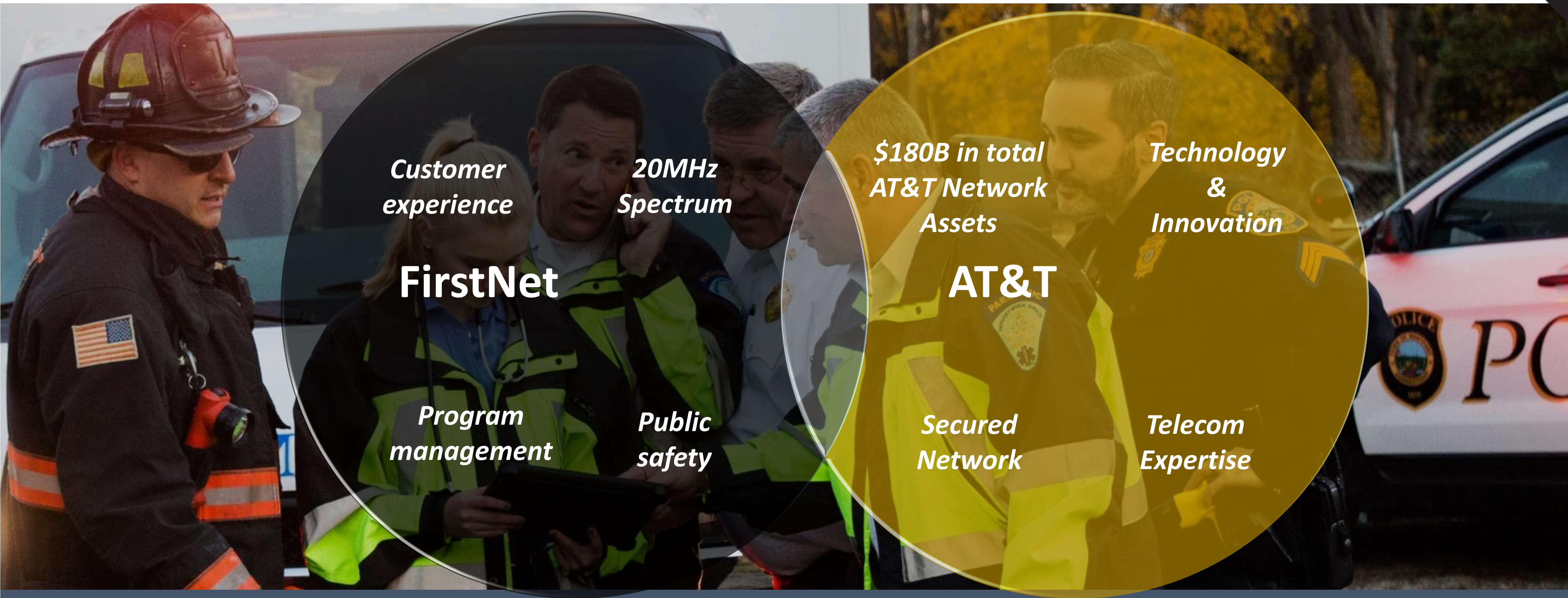
John Matovich, FirstNet Solution Consultant



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First responders, AT&T and the first responder network authority have come together to build **FirstNet**, a **dedicated communications tool created for and by public safety.**

Innovative Public-Private Partnership



Creating an infrastructure dedicated to public safety

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“We are opting in to allow FirstNet to make an investment in Colorado that promises to make our state more resilient against threats to our safety,”

-Governor Hickenlooper

Colorado Opted In on December 18, 2017

A BUILT-IN CONTRACTUAL COMMITMENT



- An oversight authority to ensure alignment with public safety priorities
- Regular updates to Congress on progress of public safety capabilities
- An experience based on data collected from more than **2 million** public safety personnel from over **12,000** public safety agencies
- A unique private-public partnership with plans to spend **\$40 billion** over the next 25 years to build, deploy, operate and maintain the network
- A research and testing laboratory that certifies and promotes new devices and applications to the rugged standards of public safety
- Support from a team with experience in serving as the primary network used by one of the largest police forces in the U.S.

Public Safety's Priorities

What We Heard in Consultation

- ☐ “Coverage must be the same”
- ☐ “Same or lower cost”
- ☐ “We need this now”
- ☐ “Rural coverage critical”
- ☐ “Device & Apps Ecosystem”



What We Plan To Deliver

- ☒ More than 99% of Americans covered post Governor's Decision
- ☒ Aggressive public safety pricing
- ☒ By end of 2017, QPP on all AT&T LTE bands
- ☒ Network evolution and access to 100s of AT&T deployables + 72 BC14 FirstNet dedicated deployables
- ☒ Robust Device & Apps Ecosystem

FirstNet Value Proposition – Our Mission

AVAILABILITY








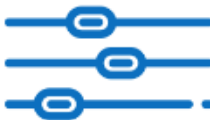








FirstNet’s powerful broadband LTE network allows first responders to send and receive data, video, images, and text—without concerns about network congestion. FirstNet offers “true priority” and “ruthless preemption” when its needed.

OPERABILITY

FirstNet is a nationwide network that provides highly secure, reliable, operable communication between agencies, empowering information sharing across disciplines and jurisdictions, facilitating a dramatic increase in situational awareness.

INNOVATIVE

FirstNet fosters an ecosystem of innovation, enabling the delivery of actionable data through public safety applications and devices giving first responders advanced technologies they need to help save lives and keep communities safe.

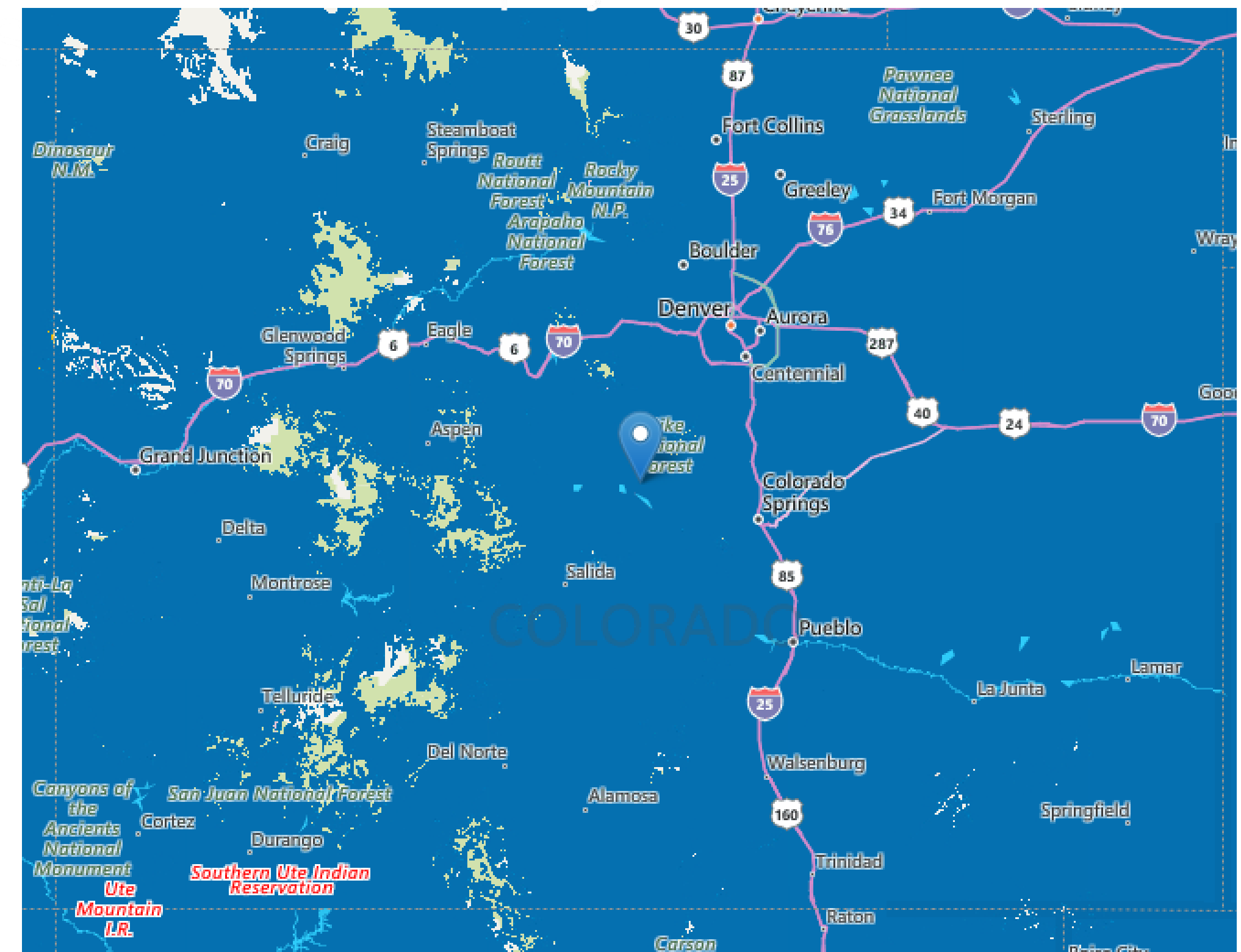
 <div>Service Plans & Procurement</div>	 <div>Coverage</div>	 <div>Devices & BYOD</div>	 <div>Basic Services</div>
 <div>True Priority</div>	 <div>Identity Control Access Management</div>	 <div>App Store</div>	 <div>Local Control</div>
 <div>Public Safety Home Page</div>	 <div>App Developer Program</div>	 <div>Solutions</div>	 <div>In-Building Solutions</div>
 <div>Deployables</div>	 <div>Training</div>	 <div>Customer Care</div>	 <div>Cybersecurity</div>

Colorado Network

- Existing AT&T LTE Network
- New Site Builds for FirstNet
- Adding BC14 to new/existing sites
- Rural Partner Expansion
- Business As Usual Build Out
- FirstNet Deployables
- In Building Systems (DAS)
- Future Evolutions (5G and beyond)



Deployables



6 KEY FACTS



1. HIGHLY RELIABLE NETWORK COVERAGE

This network gets a head start by launching on the nation's best data network* — featuring more than **99% population coverage**.

2. PRIORITY

When disaster strikes and networks can be congested, first responders remain first in line. Primary users (Law Enforcement, Fire, and EMS) have priority and preemption across our network at no additional charge. First responders get the access they need to keep the lines of communication open ... when it matters most.

3. TRUSTED SECURITY AND RESILIENCY

Designed with superior security in mind to help resist physical and cyber threats. Ruggedized to help withstand power outages, and backed by a dynamic, highly trained disaster recovery organization.

4. PUBLIC SAFETY APPS

A dedicated public safety app store offers highly secure and relevant first responder applications, delivering critical interoperability and the ability to talk with team members from other agencies, states, or local rescue teams. All apps pass a rigorous vetting process that focuses on meeting superior standards, enhancing safety and situational awareness.

5. DEDICATED SUPPORT

Your dedicated technical support is available **24/7/365** and is staffed with highly trained professionals who have experience in emergency communications and understand the demands of public safety.

6. AFFORDABLE PLANS WITH ADVANCED FEATURES

So much more than a competitive rate plan — this world-class broadband network comes with unique public safety capabilities.

*Claim based on the Nielsen Certified Data Network Score for AT&T. Score includes data reports by wireless consumers in the Nielsen Mobile Insights survey, network measurements from Nielsen Mobile Performance and Nielsen Drive Test Benchmark. *Wireless reliability based on 3rd party data as of April 2017.

FirstNet Qualified Users



Primary Users

Fire
EMS
Police
Emergency Managers
PSAPs



Extended Primary Users

Utilities, Public Works, Search and
Rescue
Hospitals
Transportation



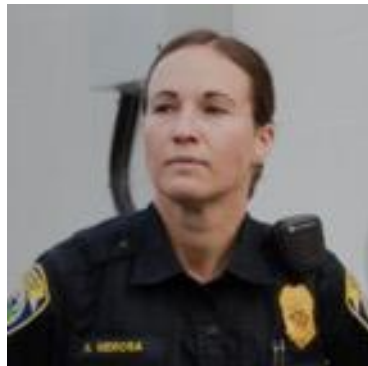
Individual Paid Users/Volunteers

Primary or Extended Users
Users that pay personally pay
For service



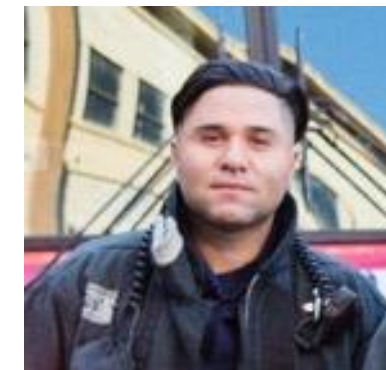
Discipline Specific Solutions

Law Enforcement



- Situational awareness
- Video surveillance
- Records management system
- Wearable devices & GPS
- Computer-aided dispatch (CAD)

Fire



- Situational awareness
- Mapping, location
- Wearable devices and sensors
- Computer-aided dispatch (CAD)

EMS



- Telemetry & telemedicine
- Records management system
- Wearable devices & sensors
- Computer-aided dispatch (CAD)

A PRODUCT BUILT FOR YOUR UNIQUE NEEDS – WITH ...

- Priority network access and preemption capabilities for first responders – **always on**, not just as needed
- 5-year roadmap to deliver mission critical push-to-talk, voice, data, messaging and video
- 5-year roadmap to deliver broadcast technology
- 5-year roadmap to deliver z-Axis location-based services
- Public safety Band 14 deployment to **95% of America's population**
- Deployables dedicated exclusively for public safety – **for both planned activities and disaster recovery**
- Battle-tested priority capabilities (during hurricanes Harvey, Irma and Maria)
- A dedicated public safety application store with certified, public-safety relevant, highly secure and interoperable applications
- Local control of users and applications and the ability to give others priority access to the network
- A public safety application development program that fosters interoperability and facilitates access to new public safety applications
- A network backbone that supports integration with **Next Generation 9-1-1 and Smart Cities public safety applications** – ensuring that emergency work/call flows are available to public safety. This creates an enhanced emergency response capability for public safety and an efficient flow of emergency response communications.



**BUILT FOR YOU.
INSPIRED BY YOU.**



FIRSTNET™

Built with AT&T