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.

AT&T FirstNet Outreach & Consultation

Aaron.Midthun@ATT.com

715-559-9057

Aaron Midthun



Designed by public safety, for public safety

- **12,000** public safety agencies
- Input from public safety
- No throttling on the network.
- Dedicated technical support **24/7/365**
- 25 year government contract
- Unprecedented transparency into the network performance at the local level
- Expected to create **10,000 U.S.jobs** over the next 2 years





An experience based on data collected from more than 2 Million public safety personnel from over

A commitment to grow coverage to rural, tribal and U.S. territories specifically for public safety



There is ony ONE FirstNet

BUILT FOR YOU. INSPIRED BY YOU.



Over 100 years in emergency response solutions.



FCC follows the 911 Commission's recommendation to create a nationwide public safety network. First Responder Network Authority

February 2012

The FirstNet Authority was authorized to develop and oversee the dedicated nationwide network for first responders.





March 2017

AT&T awarded contract to provide the capabilities for FirstNet to be built.

December 2017

All U.S. states & territories opt in.

Built with AT&T

Today

We are developing the tools that advance public safety with you.



Who are the Eligible Entities for Extended Primary?

•	Government	Communication:
	 624230 (Search & Rescue Squads) 624230 (Emergency and Other Relief Services) 922190 (Other Justice, Public Order, and Safety Activities) 922110 (Courts) 928110 (National Security) 922130 (Legal Counsel and Prosecution) 	 517110 (Tell 517212 (Cell 238210, 334 Water: 221320 (Sell 221310 (Water)
	 922140 (Correctional Institutions) 922150 (Parole Offices and Probation Offices) 922190 (Emergency planning and management offices, government) 926130 (Regulation and Administration of Communications, Electric, Gas, and Other Utilities) 	Transportation: • 482111 (Ra • 481111 (Pa • 481112 (Fr • 483111 (Sh • 926120 (Tra • 491110 (Pos
•	 Energy: 333611 (wind turbine) 221111 (Hydroelectric Power Generation) 221122 (Electric Power Distribution) 221210 (Natural Gas Distribution) 221113 (Nuclear Electric Power Generation) 562211 (Hazardous Waste Treatment and Disposal) 	Healthcare and Pu

FIRSTNET **Built with AT&T**

- elecommunications, wired) ellular and other Wireless Telecommunications) 34290 and 561620 (Alarm Systems)
- Sewage Treatment Facilities) later Supply and Irrigation Systems)
- Chemical:
 - 561612 (Protective Services)
 - 541330, 541690 (Chemical Engineering and Consulting)
 - 239210 (Pharmaceutical)
- Information Technology:
 - 541512 (Computer Integration)
 - 541519 (Computer Disaster Recovery)



Law Enforcement / Fire / EMS **Emergency Responders**

> Agency and **Subscriber Paid**

ailway Transportation) assenger Air Transportation) Freight Air Transportation) hipping Transportation) ransportation Administration) ostal Service)

Public Health:

ealth Care Practitioners) Public Health Programs)

turing:

ighway, Street and Bridge Construction) dustry Equipment Repair) dustrial Building Construction) xtraction) **Construction Management**)



Extended Users

Government Transportation Healthcare Utilities

Company Paid



Quality of Service, Priority and Preemption (QPP)







Network Priority

Network Preemption

Gives users preferred access to network resources

Terminates or relocates lower priority users to provide primary users with access



Video attachment removed; available in the body of the email



Building on AT&T's investment of \$725 million over the past three years, the FirstNet network provides extensive coverage across Wisconsin, including 99.1% of its population, 95.9% of its geography, 98.3% of its rural population, 99.0% of its coverage objectives, and 99.9% of its Tribal areas.

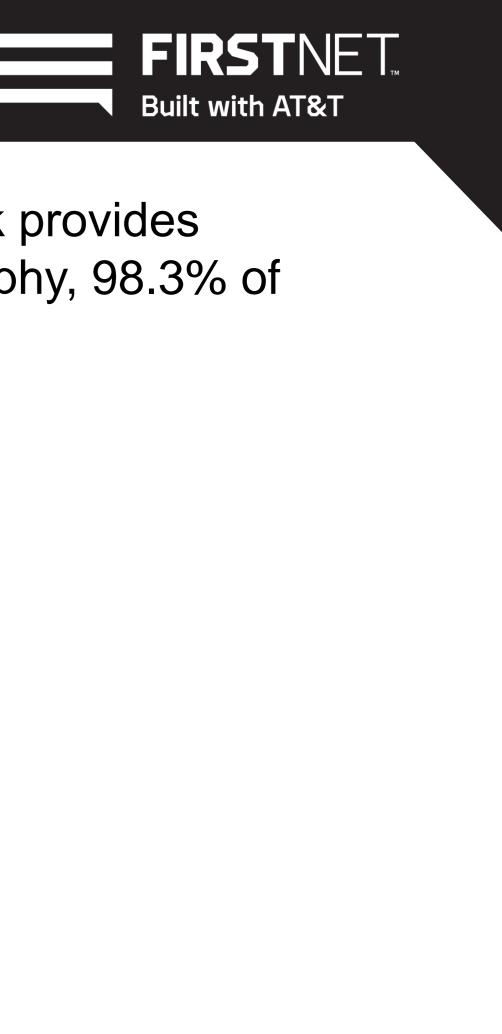
*AREA COVERAGE

Rural: 95.8% Urban: 99.9% Total Area: 95.9%

***POPULATION COVERAGE**

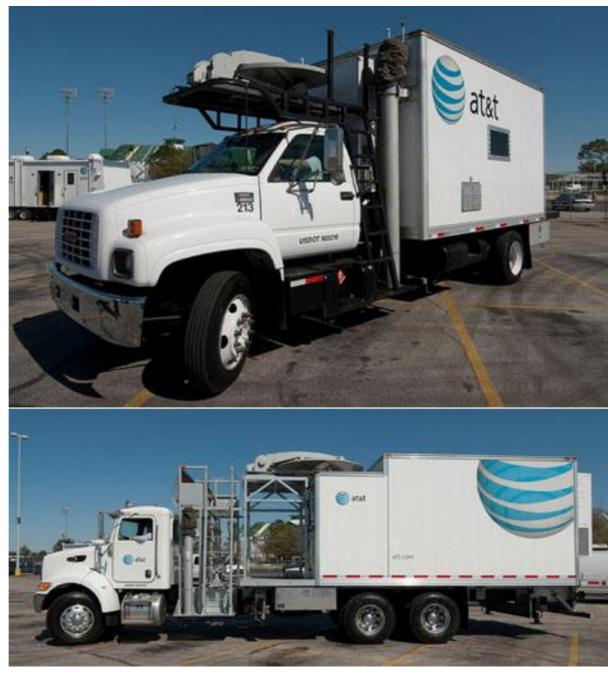
Rural: 98.3% Urban: 100% Total Population: 99.1%

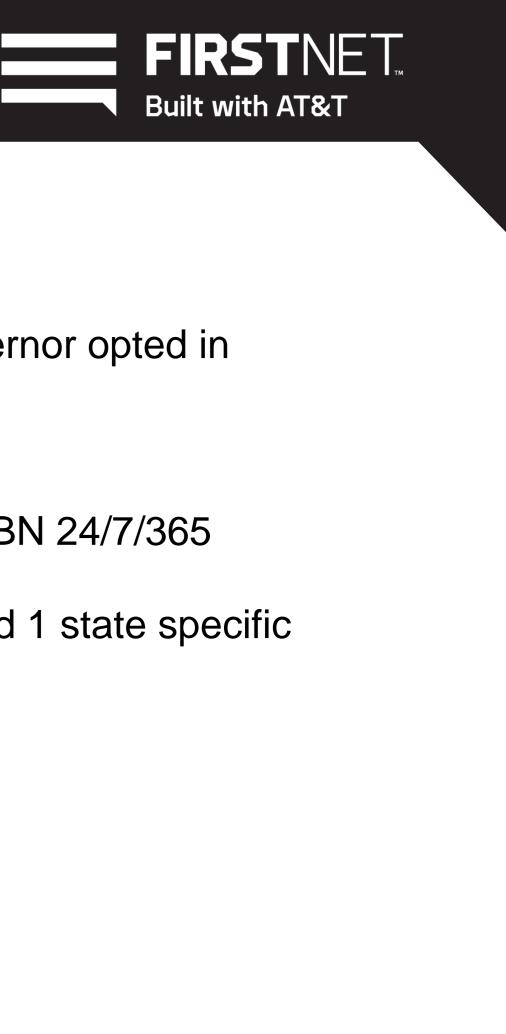
*5 Year build out plan



Network Strategy Overview

- Aggressive New Site Build in both urban and rural areas
- New Core dedicated to FirstNet
- New Security Ops Center dedicated to FirstNet with over 100 specialized security personnel monitoring NPSBN 24/7/365
- 500+ LTE Deployables available now, 72 FirstNet Dedicated SatCOLTs to be available by the end of 2018 and 1 state specific SatCOLT



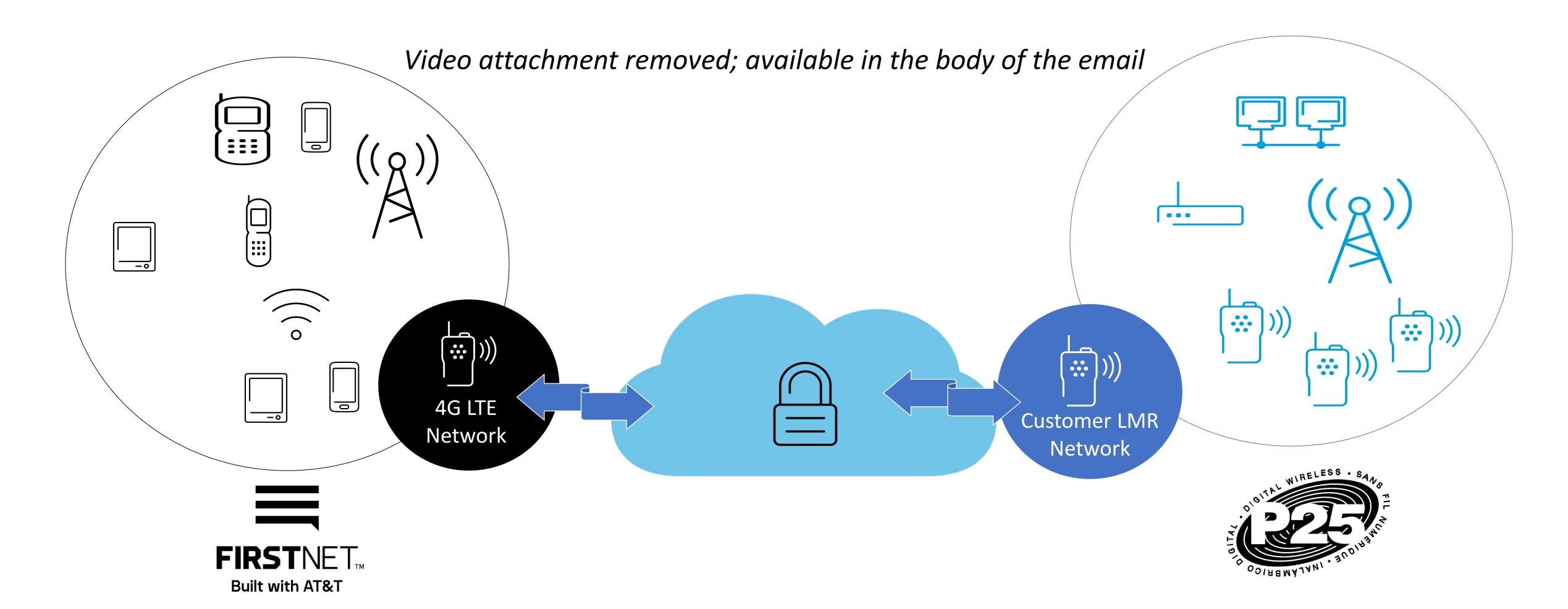


The FirstNet experience including Priority and Preemption is available on <u>all</u> AT&T LTE Bands since the Governor opted in

THE CONNECTIVE POWER OF LTE + LMR

TOGETHER, EXTENDS STATEWIDE/NATIONWIDE COVERAGE

Interoperability: The ability for public safety users to collaborate seamlessly on the device of their choice is a foundational principle of FirstNet





Look for this logo to keep up with the First Responder Network Authority's programs, activities and public safety outreach



- This logo represents the First Responder Network Authority organization
- Congress established the First broadband network



FirstNet Public -Private Partnership

Network Authority®

Responder Network Authority to deliver the first nationwide public safety

 The First Responder Network Authority oversees the Network contract with AT&T, consults with the public safety community to ensure its voice and needs are heard, and drives public safety innovation for the Network

 Learn more about the First Responder Network Authority at FirstNet.gov

www.FirstNet.gov

Look for this logo when you want to learn more about the FirstNet Network or purchase FirstNet services



- This logo represents the FirstNet network and services, built with AT&T
- FirstNet is a nationwide network created for public safety, with public safety
- Key public safety features include a dedicated connection with priority and preemption over a secure, reliable network
- See this logo on FirstNet services, devices and products
- Learn more about the FirstNet product and services at FirstNet.com

www.FirstNet.com