



Governor John Bel Edwards Opts-in to the FirstNet + AT&T Partnership

Decision Paves the Way for Louisiana's Participation in the Build Out of the First Nationwide Wireless Broadband Network Dedicated to Public Safety

SPOC Update

September 27, 2017 Governor John Bel Edwards joined **21 other States** and **two (2) Territories** when he announced **Louisiana's** intention to join the **FirstNet + AT&T partnership** to build out the *first* nationwide wireless broadband network **dedicated** to public safety.

The network – called the **National Public Safety Broadband Network (NPSBN)** – brings **21st century communications tools** to public safety and first responders. It provides an **interoperable** platform for emergency responders to **share information** between public safety personnel **disciplines** – law enforcement (LE), fire services, emergency medical services (EMS) and emergency management – and other primary and extended primary users of the system.

The **FirstNet + AT&T** partnership will be responsible for **development, deployment, operation and maintenance** – including **costs** – of Louisiana's **connectivity**.

The Governor's decision to participate in the FirstNet + AT&T partnership is a result of a **robust outreach effort** to solicit input from Louisiana public safety and first responder stakeholders. That process included **review** of the *Louisiana State Plan* (Plan) provided by FirstNet + AT&T that articulates NPSBN implementation, **input** to the Plan and **changes** made as a result of the review process.

The Governor and Louisiana public safety and first responder stakeholders looked hard at **coverage** – including coverage in **rural areas, resiliency and rates**, among other considerations.

Coverage

The build out and deployment of the NPSBN will reach **99% of Americans**, extending over **2.74 million square miles** and includes **40,000 Wi-Fi** hot spots.

The NPSBN became operational as of **mid July 2017**. Full implementation of the NPSBN is a **twenty-five (25) year phased approach** and includes scheduled access by type of users.



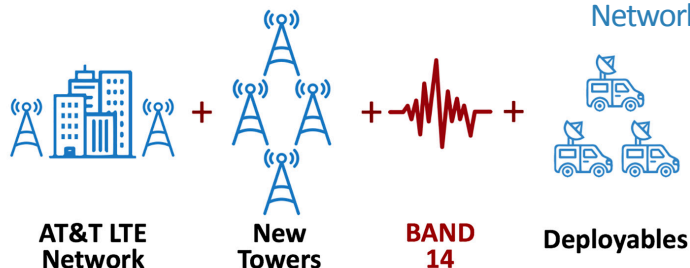
James Waskom
GHOSEP Director/SPOC



FirstNet + AT&T...

- Ensures **risk-free, affordable and seamless** access to the NPSBN nationwide **interoperable** public safety communications network.
- Provides users access to **existing in-building AT&T LTE network**.
- Deploys **Band 14** (758.00 - 763.00 MHz and 788.00 - 793.00 MHz frequencies) to expand **reliable coverage by March 2018**.
- Phases in public safety **priority and preemptive** usage.
- Improves **voice communications and data exchange**.
- Enables transmission of **photos and video streaming**.
- Includes **6,000 existing Distributed Antenna Systems (DAS)** distributed across the FirstNet footprint and **40,000 additional Wi-Fi hotspots**.
- Offers **world-class device and app ecosystems and app developer consoles**.
- Provides access to newest **technologies** – mapping tools, wearables, patient care reporting, hazardous materials information camera-equipped drones and more.
- Offers **competitive rate plans**.
- Relies on more than **2,200 scientists and engineers on AT&T staff and 10,000 AT&T personnel** ready to support NPSBN operations today.
- Is supported by **FirstNet + AT&T dedicated** customer sales and service channels.

Network Architecture



CONSTRUCTION OF THE NETWORK RELIES ON THE EXISTING AT&T LTE NETWORK, CONSTRUCTION OF NEW TOWERS, CONGRESSIONALLY MANDATED DEPLOYMENT OF **BAND 14** AND THE ADDED SUPPORT OF DEPLOYABLES.

Louisiana's participation in the FirstNet + AT&T partnership provides **extensive population** and **geographic reliable communications coverage** across the State.

Resiliency + Security

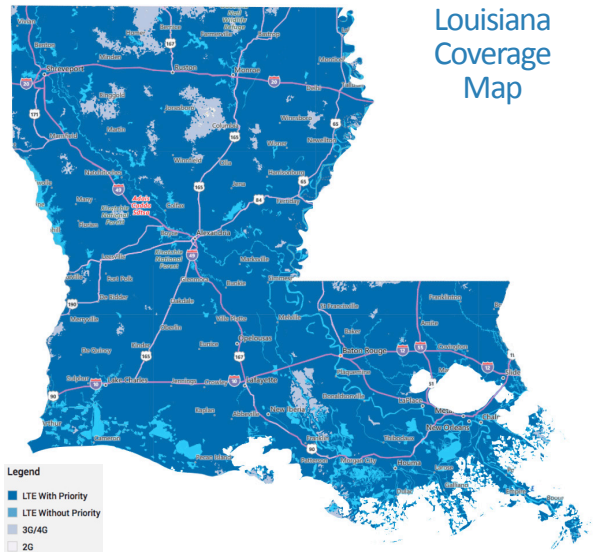
Through the partnership, AT&T provides hundreds of **deployable** units for daily network maintenance, and **72 deployables** for FirstNet customer requests across **29 staging areas** and **56 States and Territories**.

Deployables have **triple redundant power** for reliability, are equipped with **60-foot cellular pneumatic masts** and can be operational within **45 minutes** after parking the unit. **One (1) of the deployables will be based in Louisiana.**

AT&T's Network Disaster Recovery Team (NDRT) provide one of the Nation's largest and most advanced disaster recovery programs. The AT&T NDRT has more than **145,000 hours** of field experience conducting exercises and annually participates in full-scale recovery exercises to test equipment and abilities.

To further ensure **reliable** and **resilient** coverage, the **AT&T NDRT will** provide access to Cell on Wheels (**COWs**) and Cell on Light Trucks (**COLTs**), trailers, generators and more.

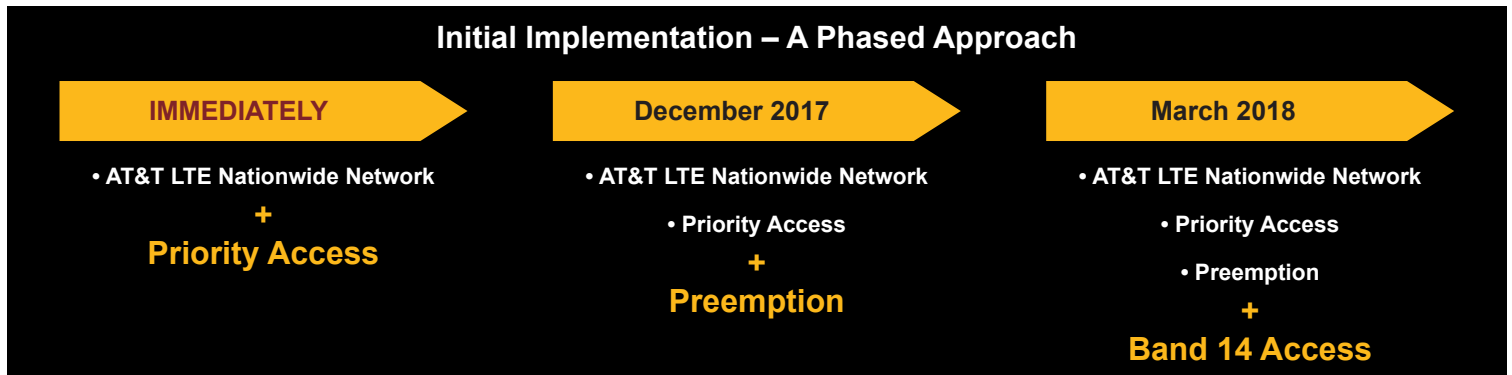
To prevent and/or mitigate **cyber attacks**, AT&T has world-class **Global Security Operations Centers** dedicated to the FirstNet network. Traffic is analyzed **24/7/365** to identify the latest emerging threats. AT&T also uses a multi-layered security approach to embed security within its network and help secure individual devices, data sets and applications.



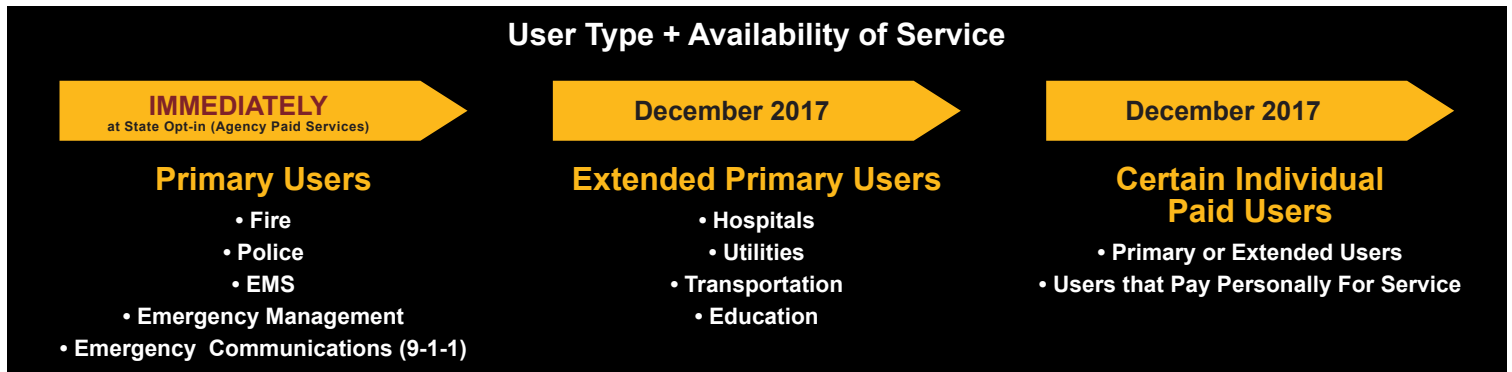
Louisiana Coverage Map

SOURCE: <https://www.firstnet.com/coverage>

Initial Implementation – A Phased Approach



User Type + Availability of Service



Rates

Rate plans will be **competitive**. Purchase will be facilitated through a variety of **contracting tools** and through **negotiated pricing**. Louisiana has a participating addendum with the **National Association of State Procurement Officials (NASPO)** – effective now – which allows direct purchasing using the **State Contract**.

Working Together

The decision to opt-in by the Governor is the culmination of more than **five (5) years** of comprehensive outreach to best understand the **unique** communications needs of Louisiana public safety stakeholders and first responders to meet the **ongoing response** and **recovery challenges** of increasing threats from natural and man made emergencies and disasters.

For those who participated in the outreach process, **thank you** for your efforts. The Governor's decision to opt-in is a major step in **improving critical public safety communications** in response to Louisiana disasters and other emergencies.

find us on the web!



@LAFirstNet



FirstNet.louisiana.gov



FirstNet@la.gov