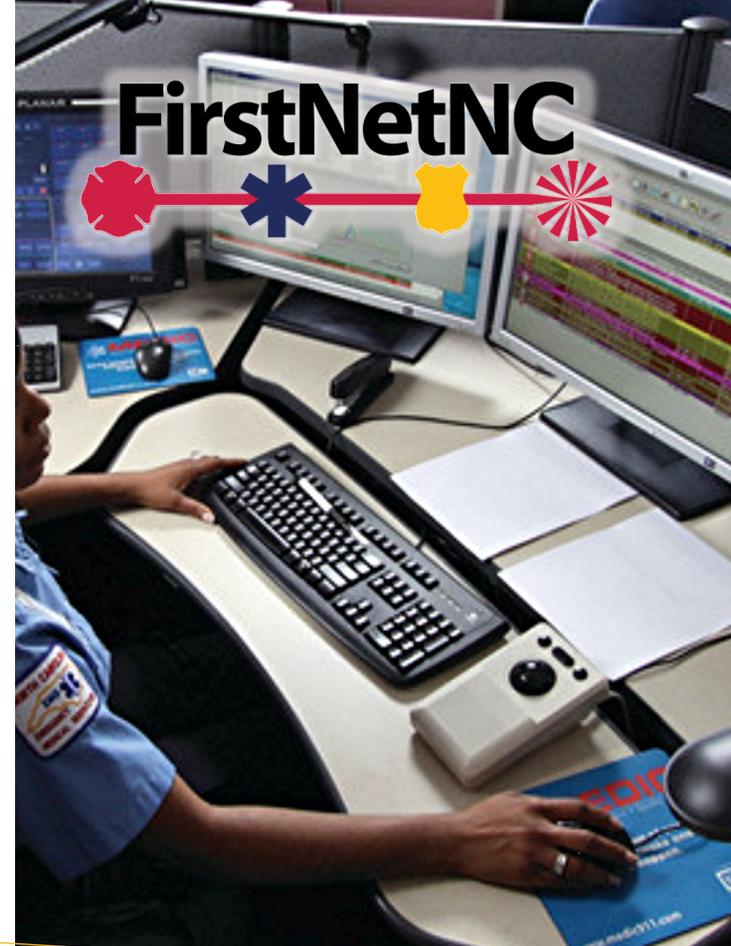




FirstNet in North Carolina

FirstNetNC is part of the Broadband Infrastructure Office which is under of the North Carolina Department of Information Technology.



FirstNetNC



With more than **700 emergency response agencies** covering **100 counties** and **one federally recognized tribe**, our state has some unique challenges. Our topography includes **more than 53,000 square miles of both urban and rural land** including more than **3,000 miles along the coast** and a **mountain range** in the west. And those are only geographic logistics.

The dynamic in North Carolina is unlike anywhere else. The only way to ensure that the needs of each of those citizens in North Carolina are met is through substantial feedback and engagement with us and with the federal FirstNet agency.

STAY INFORMED

Web: FirstNet.NC.Gov

Email: FirstNet@nc.gov

Facebook & Twitter: [FirstNetNC](#)

Text "**FirstNetNC**" to 22828 to receive updates

FirstNetNC



✓ **HIGH SPEED 4G LTE**

✓ **DEDICATED FOR PUBLIC SAFETY**

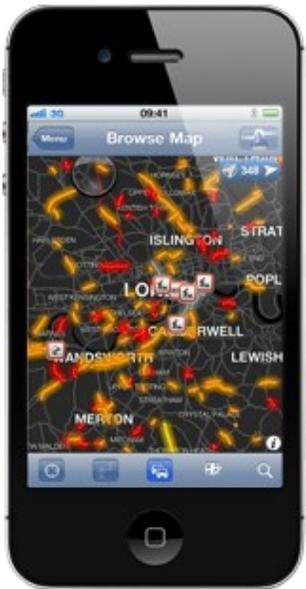
✓ **STANDARDS BASED, READY FOR 5G**

✓ **EXPANSIVE COVERAGE, INCLUDING RURAL**

Delivering mission critical data and saving more lives THROUGH A RELIABLE AND RESILIENT WIRELESS BROADBAND NETWORK

WHAT IS DATA?

- Video
- Images
- Text
- GPS
- Telemedicine
- Document Sharing



In 2012, Congress set aside spectrum in the 700 MHz block and seeded \$7 billion dollars to begin the Nationwide Public Safety Broadband Network (NPSBN).

Congress also established FirstNet, tasked with the design and implementation of this communications network. Once completed, the network will serve responders through the nation.

Prioritized broadband solutions to meet the needs of the emergency response community

BENEFITS OF A DEDICATED NETWORK

A dedicated network allows the opportunity for faster data transfer & dynamic prioritization for chosen users in an active emergency response area. 4G LTE is 10 times faster than 3G wireless service and those speeds will be even faster with less user congestion on the dedicated network.

HOW IS THE NETWORK CONTROLLED?

While the network should be robust enough to be capable of handling any given emergency situation, the Incident Commander will determine which particular emergency responders need the higher priority over other users based on the needs of that emergency situation.

COVERAGE

Our very reachable objective is 95% coverage at street level across the State using a portable unit.

USERS

We believe that in order for this network to be the most productive, we have to understand the full gravity of who needs to be at the table during an emergency situation. The web of users necessary to see this network be the most successful range far beyond fire, law enforcement, emergency medical services, and 911 call centers.

COSTS

While the final pricing will be set after the vendor is selected, we understand that if the cost of this network is not below a certain point then people are just not going to adopt it. FirstNet understands it is quintessential that the cost should be lower than today's services if we want to see the substantial coverage and adoption that is needed to make the program a success.

STAYING CONNECTED AND INFORMED IS CRITICAL. WE NEED YOUR HELP!

Please use the contact information found on the back of this brochure to let us know your questions and comments regarding FirstNet and a dedicated, interoperable emergency response broadband network. FirstNetNC shares updated information through our website, email, and social media presence. FirstNetNC also conducts presentations at conferences, committee meetings, individual agencies, and other such opportunities as requested.

