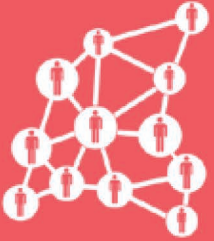


# 10 WAYS FIRSTNET WILL HELP PUBLIC SAFETY SAVE LIVES AND SECURE COMMUNITIES

Across the country, public safety personnel bravely serve their communities every day, answering the call when emergencies strike and risking their lives to secure and protect others. FirstNet is developing the first nationwide public safety broadband network to provide them the advanced communication and collaboration technologies they need. Here are ten ways FirstNet will help public safety save lives and secure communities:



## 1. Improving communications through an interoperable network

Today, first responders rely on more than 10,000 separate, incompatible, and often proprietary radio networks to communicate with each other during emergencies. Sometimes it's hard, or even impossible, for public safety to communicate and work together to save lives. To help address this challenge, the FirstNet network will be a single, nationwide, interoperable LTE network dedicated to public safety communications.



## 2. Connecting responders in rural America

Emergencies don't happen only in highly populated areas – which is why reaching rural America is one of FirstNet's top priorities. FirstNet is addressing rural coverage needs in multiple ways to deploy the network in places where coverage may be difficult. High-power towers can cover more rural space with less total infrastructure, as can deployable and satellite solutions.



## 3. Enhancing situational awareness in emergencies

FirstNet will carry high-speed data, location information, images, and video that can mean all the difference when seconds count. Just as smartphones have created a new era of real-time information and connectedness for individuals, the FirstNet network, devices, and applications will enable the awareness and collaboration the public safety community needs to save lives.



## 4. Giving public safety true priority

During emergencies, public safety needs to be able to communicate without interruption – lives depend on it. It is vital that our nation's law enforcement officers, firefighters, paramedics, and other responders have true priority for their daily and emergency communications needs. This is why FirstNet is deploying a wireless broadband network dedicated to public safety.



## 5. Offering vital capacity for planned events, large crowds

Emergencies aren't the only times when public safety needs capacity to communicate and send data. Planned events – like concerts, festivals, and sporting events – draw crowds to a single location, making it difficult for public safety to get the robust network capacity they need to do their jobs. That's where FirstNet will help, by providing needed bandwidth to coordinate public safety resources and respond to any incidents.

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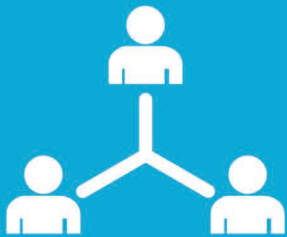
## 6. Delivering actionable data via innovative apps, devices

Public safety needs data communications in the field and innovative public safety communications technology. That's why the FirstNet network is designed to deliver applications, devices, and services tailored to the needs of public safety. FirstNet will be a resilient, reliable network, enabling everything from smartphones to laptops, tablets, dongles, and specialty devices to work when public safety needs them the most.



## 7. Providing reliability and security when disaster strikes

First responders in every state face the challenge of preparing for and responding to natural disasters. Having reliable communications is an integral component of any plan or response effort. FirstNet can help public safety save lives and secure communities by ensuring a reliable communication system is in place to assist public safety and rescue crews before, during, and after a natural disaster.



## 8. Ensuring coordinated response to man-made disasters

In the face of man-made attacks or natural disasters, the ability to communicate is essential to first responders. Incident commanders need to convey vital data to every first responder—fast. They need to know if resources from neighboring jurisdictions can be available. FirstNet is working to deliver a broadband network with interoperability built-in from day one to enhance public safety's ability to protect and serve.



## 9. Driving innovation in life-saving, public safety communications technology

With the potential for millions of users on a single LTE network, FirstNet hopes to foster creation of a new ecosystem in which entities compete to deliver applications and other services through the FirstNet network. The nationwide scale brought by FirstNet will maximize the value of every public safety dollar spent by allowing public safety end-users to take advantage of an increasingly competitive marketplace.



## 10. The network first responders need to keep our communities safe

FirstNet is taking a “for public safety, by public safety” approach to planning and deploying the network. Through its consultation and outreach program, FirstNet has worked hand-in-hand with the public safety community to understand the capacity, coverage, service, and other public-safety-grade features they need to communicate and use 21st-century tools on the job.

