Mitigation Measures: Critical Infrastructure Resilience

FirstNet Deployable Program

Thomas L. Randall  Senior Public Safety Advisor
An Innovative Public-Private Partnership

First Responder Network Authority

- Partner oversight and support
- Public safety advocate
- Technical expertise
- Innovation strategy and investment

- Net neutrality
- Retail
- Access
- Call continuity
- Security
- Mobility
- Accessible network elements
The FirstNet Authority is in the position to be a catalyst across its stakeholders to drive positive change for the public safety community.

- The only network dedicated to public safety
- $18 billion reinvestment
- A committed organization
Deployables

- 72 FirstNet deployable assets nationwide and around the world

- Subsecond requests are handled in scenarios during critical community events

- Service is delivered directly to communities, deployed quickly with no cost
FirstNet Deployable Program

FirstNet Reaches Over 1 Million Connections
FirstNet Deployable Program
FirstNet Deployable Program

- Coverage performance varies by terrain and other factors. There may be several options.
- Band 14 is recommended for best performance, but experience may vary.
- Backhaul link options include satellite – and smaller pipes compared to terrestrial options.
FirstNet in action

Harris County - Hurricane Harvey

Robertson County – Search & Rescue

Santa Fe IDS – School Shooting

Chambers County - Cargo Plane Crash
FirstNet in action: Hurricane Michael

“When it comes to disasters, FirstNet made it all come together. In 3 days, we had everything in place. FirstNet was working across the country and connecting the lifesaving, literally.”

— Steve Casey
Executive Director
Florida Association
FirstNet Deployables Program – Push-to-Talk Capability

Instant, one-touch, group communication with Push-to-Talk. Interoperates with land mobile radio (LMR) two-way radio systems

• FirstNet Ready
• Benefits from First Priority™ (QoS, Priority and Preemption)
• Complements mission critical LMR by providing familiar 1-to-1 and group calling
• Available on multiple smartphones, feature phones, and rugged devices
• Enhances LMR with messaging & mapping for situational awareness
• Extends PTT coverage beyond your current LMR system’s boundaries, while helping to control costs and preserving your capital investment
• Available on compatible smartphones and rugged devices
• Sub-second call setup time
• Operates over 3G, 4G, 4G LTE and Wi-Fi networks
“Before FirstNet deployed the SatCOLT to our base camp, our first responders couldn’t send a text message, let alone speak on the phone to their families. We might have weather challenges, but the coverage FirstNet is providing is meeting our needs, giving us better situational awareness, and bringing comfort to our responders during a time of stress and anxiety.”

— Mike Duyck,
Fire & Rescue Fire Chief, Tualatin Valley (OR)
FirstNet Deployable Program

Do... Use FirstNet for hot spots:

- Smaller, localized groups of users are good places for FirstNet hot spots so that non-FirstNet devices can connect via WiFi when at that location.

- For example: Incident Command, Staging Centers, Camps, Medical Triage sites, Fueling sites, Evacuation Hubs.
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Do... Have Band 14 devices

• FirstNet deployables are equipped with Band 14

• FirstNet deployable assets are typically configured to restrict access to devices with FirstNet SIMs

• By turning on only B14 and restricting access to non-B14 SIMs, public safety spectrum is completely dedicated to public safety
Do... Use FirstNet responsibly:

- Deployables are primarily dependent on satellite connectivity.
- Satellite bandwidth is a very limited resource.
- Satellite connections cannot compare to the high capabilities of terrestrial connections like fiber.
Don’t... Wait till disaster

- Deployables are intended to support FirstNet capable devices

- Put your plan for accessing and using FirstNet in place before you need it
FirstNet Deployable Program - Making the call

• Any FirstNet agency can call for a deployable

• Be prepared to provide your FAN (Foundation Account Number)

• Call FirstNet Customer Care:
   1-800-574-7000

• 14-hour Recovery Time Objective (RTO)