



# National Security Special Event Scenario Timeline

*This scenario shows how FirstNet capabilities could be used to supplement current operations.*

## One Week Prior to Inauguration

Federal, state and local agencies have been planning for the Inauguration for nearly seven months. The District of Columbia Fire and Emergency Services (DCFEMS) and Office of the Chief Technology Officer (OCTO) led the development of the Presidential Inauguration Communications Plan for the National Capitol Region (NCR). Law enforcement is concerned about protestors upset with the election outcome, various protest groups clashing, general civil disobedience, and terrorism. Due to mild winter weather, significant crowds are expected.

- Technical personnel are busy reprogramming radios, installing additional repeaters across the NCR, and standing up temporary coordination centers.
- The Federal Emergency Management Agency's (FEMA) Mobile Emergency Response Support (MERS) Division positions mobile communications vehicles with satellite backhaul for voice and data communications.
- NCR cache teams are pre-positioning assets and ensuring radios are programmed and operational.
- Communications planners also established an NCR coordination channel using one of the 800 megahertz (MHz) channels.



### What's possible with FirstNet?

- FirstNet participates in planning meetings and pre-positions additional towers and deployables based on expected user needs.
- FirstNet Customer Service Team provides in-depth training to participating agencies on data sharing capabilities, applications, and devices.
- FirstNet provides enhanced in-building coverage for many of the key Inauguration facilities, including Smithsonian Museums along the National Mall and the Metro subway system.

## 3 Days Prior to Inauguration

Planning continues and VIPs and general Inauguration visitors begin to arrive. Staging areas are established; Joint Task Force (JTF)-NCR is managing movement logistics. Metropolitan Police Department (MPD) manages traffic control and oversees citizen safety.

- Land Mobile Radio (LMR) air and in-building coverage is tested at key locations, subways, and tunnels, as well as along the parade route.
- Explosive device sweeps are conducted along the parade route, at the reviewing stand, the Capitol, and other key areas.
- Growing crowds cause increase in cell phone usage impacting agencies' ability to remotely access WebEOC, which provides the common operating picture.



### What's possible with FirstNet?

- MPD receives real-time video feeds from major parade route intersections and typical areas of congestion. With increased situational awareness, MPD is able to re-route traffic around congested areas and improves traffic flow.
- Pre-positioned FirstNet deployables provide for increased coverage on and around the Mall and in Metro tunnels.
- Mobile applications augment radio communications to improve situational awareness and allow agencies to monitor field team positions as they conduct sweeps.
- Data traffic is off-loaded from land mobile radio networks onto FirstNet, freeing up additional capacity for voice communications.

## 1 Day Prior to Inauguration

Crowds in the region grow to unprecedented numbers. Cell phone companies report usage is at 150%. Agencies conduct last minute communications testing and increase patrols.

- Secret Service, U.S. Capitol Police, U.S. Park Police, FBI, U.S. Marshalls, the Bureau of Alcohol, Tobacco, Firearms and Explosives, U.S. Customs and Border Protection, and Federal Protective Service all conduct security inspections and walk-throughs for their specific assignments
- LMR radio networks are congested and oversubscribed, requiring updated channel and communications plans.
- U.S. Coast Guard (USCG) conducts waterborne security patrols along Potomac River, requiring interoperable communications with other federal, state, and local law enforcement.
- U.S. Air Force (USAF) begins flying defensive air patrols over NCR.
- JTF-NCR experiences interrupted signals from some mobile cameras deployed within the region due to demands on cellular networks.

### What's possible with FirstNet?

- Airborne and land response vehicles seamlessly communicate, enabling sharing of pictures and video providing greater situational awareness.
- Group messaging allows federal agencies (e.g., Secret Service, Capital Police, Federal Bureau of Investigation) to immediately share information uncovered during security inspections while reducing duplicative or unnecessary voice transmissions.
- Ease of data sharing enables law enforcement to easily share images of suspicious packages and personnel, as well as video feeds from the field. The increased situational awareness allows officers to curb pickpocketing, petty thievery, and assaults in the crowds.
- FirstNet monitors network traffic. Understanding coverage limitations in the tunnels, FirstNet erects an additional deployable tower to provide increased coverage.
- During walkthroughs, teams can plot locations of possible concerns (e.g., blind spots, roof access) on maps for general awareness.

## Inauguration Day

Final sweeps and communications testing are completed as the formal Inauguration activities begin. MPD places final road blocks and traffic diversions, and parade units assemble at assigned staging areas.

- Snipers and observers from various law enforcement units are pre-positioned and communicating via Federal interoperability channels.
- USAF and USCG continue air and water patrols and relay suspicious activity back to command over pre-defined 800 MHz coordination channel.
- Agencies experience traffic overcrowding on some 800 MHz channels.
- Carrier-provided cells on wheels and Wireless Priority Service allow for public safety voice communications, but access to applications is severely limited.



### What's possible with FirstNet?

- Chat groups reduce non-critical radio traffic leaving the radio open for essential coordination.
- Command uses personnel tracker applications to dispatch the teams closest to an incident both reducing response time and cutting down on radio traffic.
- Traffic helicopters take aerial images of diverted traffic and road blocks, which allow for real-time adjustments for improved traffic flow.
- Enhanced situational awareness and communications capabilities allow for a seamless Inauguration.
- Priority and preemption allow public safety users to access network resources at all times.

## Participating Agencies

- U.S. Secret Service (USSS)
- U.S. Department of Defense (DoD)
- Federal Bureau of Investigation (FBI)
- Bureau of Alcohol, Tobacco and Firearms (ATF)
- U.S. Park Police (USPP)
- Customs and Border Protection (CBP)
- U.S. Coast Guard (USCG)
- U.S. Capitol Police Department
- U.S. Marshalls Service (USMS)
- Federal Protective Service (FPS)
- Department of Homeland Security (DHS)
- Federal Communications Commission (FCC)
- Department of Commerce National Telecommunications and Information Administration (NTIA)
- Centers for Disease Control and Prevention (CDC)
- Federal Emergency Management Agency (FEMA)
- Department of Health & Human Services (HHS)
- Department of the Interior (DOI)
- Department of Energy (DOE)
- Metropolitan D.C. Police Department (MPD)
- DC Fire and Emergency Medical Services (DCFEMS)
- D.C. Homeland Security & Emergency Management Agency (HSEMA)
- D.C. Office of Unified Communications (OUC)
- D.C. Department of Transportation (DDOT)
- D.C. Department of Health (DOH)
- DC National Guard and Air National Guard
- D.C. Medical Examiner
- D.C. Office of the Chief Technology Officer (OCTO)
- American Medical Response (AMR)



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