



FIRSTNET NETWORK

ADAM GEISLER

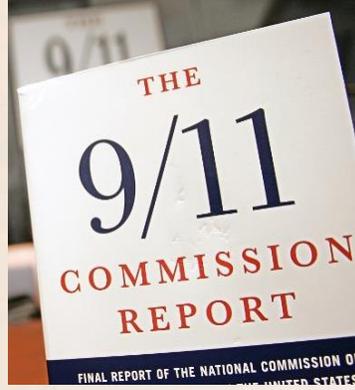
FIRSTNET AUTHORITY NATIONAL TRIBAL LIAISON, REGIONS 9 & 10

THE FIRSTNET JOURNEY



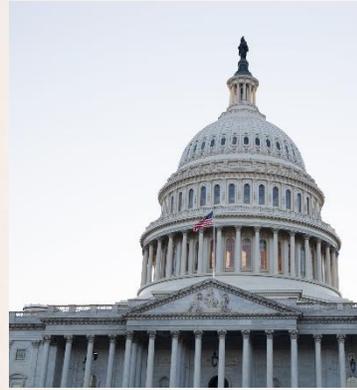
2001 9/11 attacks

Radio communication challenges affect first responders



2004 9/11 Commission

- Recommends national radio spectrum for public safety purposes
- Public safety unites to advocate for nationwide broadband network



2012 The First Responder Network Authority

Independent agency to deploy Nationwide Public Safety Broadband Network



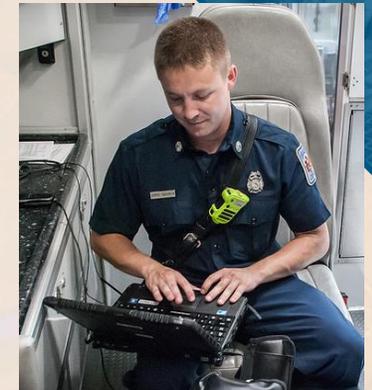
2012-16 Outreach and Consultation

- Governors identify FirstNet single points of contact
- Consultation in all 56 states/territories
- FirstNet works with states to collect and validate users and coverage data



2016-17 Partnership and State Plans

- Network RFP released
- Award to AT&T
- Delivery of 56 state/territory plans
- 56 Governors Opt-In decisions



2018-beyond Advancing the FirstNet Experience

- Engage and collaborate with public safety and industry
- Develop and promote Public Safety Communications roadmap
- Invest in the network

AN INNOVATIVE PUBLIC-PRIVATE PARTNERSHIP

First Responder Network Authority

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



AT&T

- Nationwide core
- RAN build-out
- Adoption and customer care (24x7x365)
- Security operations center
- Mission-critical services
- App and device ecosystems

PUBLIC SAFETY ADVISORY COMMITTEE (PSAC) TRIBAL WORKING GROUP (TWG)



TWG OVERVIEW

- 10 monthly teleconferences (yearly)
- Two in-person meetings (yearly)
- Adding IACP – Indian Country Section, NIGA, and NAFOA



- National Congress of American Indians (NCAI) – Danae Wilson, Chair
- Affiliated Tribes of Northwest Indians (ATNI) – Crystal Hottowe
- Alaska Native Claims Settlement Act (ANCSA) – Gerad Godfrey, Vice Chair
- American Public Health Association (APHA), American Indian, Alaska Native, and Native Hawaiian Caucus – *Vacant*
- Great Lakes Inter-Tribal Council (GLITC) – Theron Rutyna
- Indian Country Intelligence Network (ICIN) – *Vacant*
- International Association of Emergency Management (IAEM), Tribal Affairs Caucus – Raymond Kennedy
- National Native American Fire Chiefs Association (NNAFCA) – Mark Openshaw
- National Tribal Emergency Management Council (NTEMC) – Robert DesRosier
- Navajo Nation – Chris Becenti
- NW Tribal Emergency Management Council (NWTEMC) – Richard Flores
- Southern CA Tribal Chairmen's Association (SCTCA) – Robert Clark
- United South and Eastern Tribe (USET) – Willo Sylestine

FIRSTNET TRIBAL CONSULTATION



First Responder Network Authority

[HOME](#) [ABOUT](#) [THE NETWORK](#) [PUBLIC SAFETY](#) [NEWSROOM](#)

[Home](#) / [Public Safety](#) / [FirstNet For](#) / [Tribal Nations](#) / [Tribal Consultation Policy](#)

Tribal Consultation Policy

Public Safety

- [Public Safety Advocacy](#)
- [Your Public Safety Advisor](#)
- [State Single Point of Contact \(SPOC\)](#)
- [FirstNet For...](#)



[Tribal Nations](#) [Tribal Consultation Policy](#) [PSAC Tribal Working Group](#) [Resources](#)

Documents:

- [Letter to Tribal Leaders](#)
- [Tribal Delegation of Authority](#)
- [Tribal Consultation Policy](#)

FirstNet respects the nation-to-nation relationship that exists between federally recognized Indian tribes and the United States government. In partnership with the Public Safety Advisory Committee's Tribal Working Group, FirstNet adopted this tribal consultation policy to establish a foundation for honoring tribal sovereignty, accompanied by productive communications, consideration, and engagement with tribal governments surrounding the deployment of the nationwide public safety broadband network (NPSBN).

This policy is independent of and implemented separately from FirstNet's consultation requirements under Section 106 of the National Historic Preservation Act of 1966 ("NHPA"), as amended. The NHPA and its implementing regulations require federal agencies to take into account the effects of their undertakings on resources of historical significance, including those of traditional religious and cultural importance to Indian tribes, Alaska Native villages, and Native Hawaiian organizations, and prescribes a specific consultation process for those purposes.

CONSULTATION PROCESS

Tribal governments submit Delegation of Authority form and request for consultation to tribal.consultation@firstnet.gov

FirstNet team responds to tribe within 24 hours acknowledging receipt of request

FirstNet team follows up with Tribal Government Representative to discuss scheduling and discussion topics

Consultation Occurs

Summary of discussion, highlighting action items, follow-up, and items for leadership attention

Summary of discussion, highlighting action items, follow-up, and items for AT&T attention

Discussion with leadership as appropriate

ROADMAP DOMAINS



Core

- EPC
- IMS Core
- Services Platforms
- App Servers
- Service Enablers



Coverage & Capacity

- Macro Coverage
- Capacity
- In building Solutions
- Temporary/On Demand Coverage
- Range Extension
- Device to Device
- Air to Ground
- Maritime Operations
- Availability/Reliability/Resiliency/Hardening



Situational Awareness

- Location Services
- Sensors
- Wearables
- Cameras/Video
- Mapping/Geographic Information System (GIS)
- Data Analytics/Artificial Intelligence



Voice Communications

- Mission Critical Push-to-talk (MCPTT)
- PTT Interworking



Secure Information Exchange

- Data Access
- Data Sharing
- Cybersecurity
- Identity, Credential and Access Management (ICAM)/Single Sign-On



User Experience

- Priority Services
- Applications
- Devices
- Accessories
- Hands Free Operations
- Augmented Virtual Reality
- Heads-Up Display

ROADMAP CONTENT RELEASE

Infographic

A Roadmap for Transforming Public Safety Communications

The Roadmap provides a vision of what public safety communications needs are, the technology trends for public safety, and the actions that will help guide the growth, evolution, and advancement of FirstNet.

The Roadmap is a guide to the role of a dedicated broadband communications network for public safety. The Roadmap is a guide to the role of a dedicated broadband communications network for public safety.

The FirstNet Authority will work with public safety stakeholders across the nation to develop the Roadmap. This includes federal agencies, state and local first responder public safety agencies, and state and local government, emergency, public safety, and law enforcement agencies.

The Roadmap focuses on key technology areas ...

- COVERAGE AND CAPACITY** - The ability to provide reliable service in all geographic areas, with sufficient capacity to handle emergency communications.
- VOICE COMMUNICATIONS** - The ability to provide reliable voice services, including emergency services, and to support the use of mobile devices.
- SITUATIONAL AWARENESS** - The ability to provide situational awareness, including the use of mobile devices, and to support the use of mobile devices.
- USER EXPERIENCE** - The ability to provide a user experience that is intuitive, easy to use, and that supports the needs of public safety.
- SECURE INFORMATION EXCHANGE** - The ability to provide secure information exchange, including the use of mobile devices, and to support the use of mobile devices.
- THE CODE** - The ability to provide a code that is intuitive, easy to use, and that supports the needs of public safety.

The Roadmap will advance the FirstNet experience by driving ...

- FirstNet Authority Investments
- Public Safety Policies & Programs
- FirstNet Technology Ecosystem
- FirstNet - AT&T Partnership Activities

Learn more at FirstNet.gov

FAQs

TOP 10 ROADMAP FAQs

- What is the First Responder Network Authority (FirstNet) Authority Roadmap?**

The Roadmap is a vision of what public safety communications needs are, the technology trends for public safety, and the actions that will help guide the growth, evolution, and advancement of FirstNet.
- What is the value of this Roadmap to public safety and FirstNet?**

The Roadmap is a guide to the role of a dedicated broadband communications network for public safety. The Roadmap is a guide to the role of a dedicated broadband communications network for public safety.
- Why did the FirstNet Authority create a Roadmap?**

The FirstNet Authority created the Roadmap to address the needs of public safety and to support the use of mobile devices.
- How did the FirstNet Authority develop the Roadmap?**

The Roadmap was developed through a process of public consultation and stakeholder engagement.
- How will the FirstNet Authority use the Roadmap?**

The Roadmap will be used to guide the development of public safety communications services and to support the use of mobile devices.

Learn more at FirstNet.gov

FirstNet Authority Roadmap

First Responder Network Authority ROADMAP

The Roadmap is a vision of what public safety communications needs are, the technology trends for public safety, and the actions that will help guide the growth, evolution, and advancement of FirstNet.

The Roadmap is a guide to the role of a dedicated broadband communications network for public safety. The Roadmap is a guide to the role of a dedicated broadband communications network for public safety.

The FirstNet Authority will work with public safety stakeholders across the nation to develop the Roadmap. This includes federal agencies, state and local first responder public safety agencies, and state and local government, emergency, public safety, and law enforcement agencies.

Available at FirstNet.gov/Roadmap



Q&A

NATIONAL TRIBAL LIAISONS



Margaret Gutierrez
Regions 1-8

Margaret.Gutierrez@firstnet.gov
202-738-8344



Adam Geisler
Regions 9-10

Adam.Geisler@firstnet.gov
202-631-1188