FirstNet Authority Update

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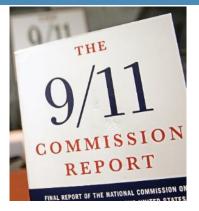
The FirstNet Journey
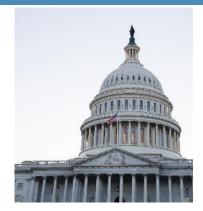
2001
9/11 attacks

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

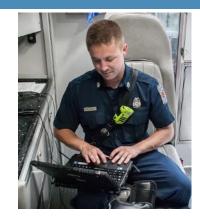Independent agency to deploy Nationwide Public Safety Broadband Network

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
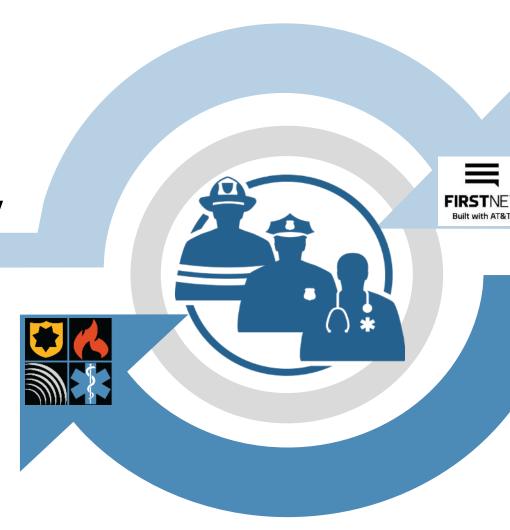
2018-beyond
Advancing the FirstNet Experience

- 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

FIRSTNET
Built with AT&T

AT&T

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

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FirstNet: Transforming Public Safety Communications

PUBLIC SAFETY

Police, Fire, EMS, 911, others

IN

COMMUNITIES

Counties, Cities, Tribal, Rural

ACROSS

THE NATION

50 states
5 territories
& DC

MODERNIZED

Innovative **apps and large devices ecosystem**

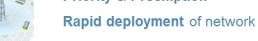Network **improvements and upgrades over 25 years**

Multi-layered, proven, **cybersecurity and network security solutions**

PRIORITIZED

Emergency communications receive highest **Quality Priority & Preemption**

Rapid deployment of network

Instant nationwide **coverage** leveraging existing infrastructure

SPECIALIZED

Nationwide coverage with access to **deployables**

Aggressive pricing for public safety

Dedicated 24/7/365 public safety helpdesk

FirstNet®

Advancing the FirstNet Experience

ENGAGE public safety entities and associations, PSAC, industry, and government to understand their trends, drivers, and priorities

DEVELOP and promote public safety broadband communications roadmaps that reflect the voice of public safety

COLLABORATE with public safety to realize the operational benefit of the FirstNet Experience

INVEST in the network to further a differentiated FirstNet Experience

FIRST RESPONDER NETWORK AUTHORITY

Oversees, influences and complements the FirstNet Solution with value-adding activities and investment

PARTNERSHIP

Identify and collaborate on opportunities that enhance the FirstNet Solution

AT&T (FIRSTNET SOLUTION)

Designs, delivers and supports the FirstNet Solution based on public safety's needs

First Responder Network Authority 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 Interconnection

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 or Virtual Reality
- Heads-Up Display

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FIRSTNET MOMENTUM

72 dedicated deployable network assets, plus three Flying COWs™ and one Aerostat

100+ unique apps in the FirstNet App Catalog

450+ Asset deployments for planned and emergency events in 2019

100+ FirstNet Ready™ devices

~80% Band 14 coverage completion

1.5M+ FirstNet connections

13,000+ public safety agencies and organizations subscribed

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FirstNet Network Benefits Derived from Public Safety Input

FirstNet: for public safety, by public safety

- Public Safety Advisory Committee
- PSA Senior Public Safety Advisors and SMEs
- Public Safety Entities
- Public Safety Associations
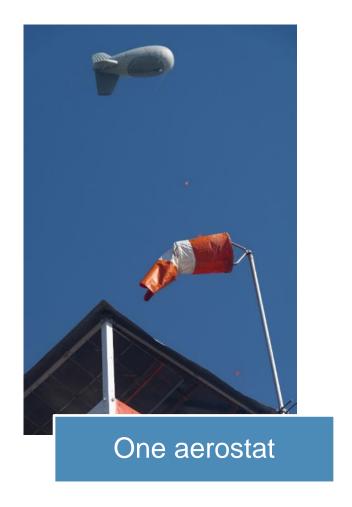
Service Plans & Procurement	Coverage	Devices	Basic Services
First Priority®	ICAM	App Catalog	FirstNet Central
Public Safety Home Page	App Developer Program	Solutions	In-building Solutions
Deployables	Training	Customer Care	Cybersecurity

FirstNet-Dedicated Deployable Assets

- Subscribing agencies can request deployables to support scenarios, including disasters, critical incidents, and planned events

- All expenses directly associated with FirstNet deployables are included at no cost to FirstNet subscriber agencies

72 FirstNet SatCOLTs

Three Flying COWs

One aerostat

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User Eligibility Framework Update

Primary

AT&T continues to refine internal guidance and definitions based on experience and feedback for **Primary User Eligibility**

Emergency Management

Fire

Emergency Medical Services

Law Enforcement

Public Safety Communications

Certain Continuity of Government

Extended Primary

Extended Primary User Eligibility includes several categories of public safety support functions such as:

- Emergency Support and Private Security
- Critical Infrastructure
- Education – K-12/Higher Ed
- Utilities & Energy
- Hospitals, Medical Facilities, Public Health (non-EMS)
- Transportation Services
- Internet of Things (IoT)/Devices

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Service Plans and Customer Care

Service plans

- Agency- or subscriber-paid
- Flexible
  - Unlimited plans pooled
  - Smartphones or data-only
  - Machine-to-machine options
- Multiple contract options
  - NASPO
  - NPPGov
  - GSA Schedule 70
  - Custom Government

Customer care

- 24x7x365 technical support
- Single phone number
- Chat and email available
- U.S.-based public safety-specific reps
- Training available

FirstNet®

Public Safety Advisory Committee (PSAC)

- **40+ member committee** with public safety and state/local/tribal representatives and non-traditional first responders

- Led by seven-member **Executive Committee**

- **Monthly webinars** on essential topics related to network, products, and devices, plus in-person meeting(s) each year

- Operates **Tribal Working Group** to provide advice on tribal outreach, education and consultation

The PSAC provides subject matter expertise on concepts, policies, procedures, technologies, and operational methods developed in support of the FirstNet network. Its perspective helps ensure necessary operational constructs are met for critical first responder communications

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Q&A

FirstNet