

FirstNet Fusion

Redefining group communications for public safety

Fusion key features

- Group and 1:1 calling
- 2 call type options:
 - » Always-on channels
(Up to 10,000 users/channel)
 - » On-demand talkgroups
(Up to 3,000 users/talkgroup)
- Call and user priority levels, customizable by the Fusion admin
- Scanning (admin- or user-defined)
- Emergency calling and alerts
- Real-time location tracking and geofencing
- Messaging and file sharing
- Web-based dispatch solution – Fusion Dispatch
- Comprehensive service administration
- Advanced LMR interoperability options with Fusion Link and Radio over IP (RoIP)
- Mutual aid via channel/talkgroup linking and individual user affiliation
- Communicate with or without central admin

Built for today's connected responder

FirstNet® Fusion (or Fusion) delivers mission-critical services at its core: push-to-talk, location services, video streaming and secure messaging for complete situational awareness. The Fusion platform innovates beyond standard broadband push-to-talk by offering interoperability with virtually any land mobile radio (LMR) system, and providing advanced mutual aid capabilities for faster and easier interagency communications.

FirstNet Fusion enables your agency to:

1



**Enhance incident response
with full situational awareness**

Use a familiar and intuitive PTT experience

Fusion is designed to mimic LMR call structure and responsiveness by following Third Generation Partnership Project (3GPP) mission-critical standards.

Get full situational awareness beyond voice

Send messages, broadcast video, and locate and track team members.

Coordinate teams with Fusion Dispatch

Fusion Dispatch allows dispatchers and supervisors to obtain location status, as well as use PTT and message securely with field personnel, all at no additional cost. Browser-based for easy access.

2



Expand group communications beyond existing operational and technical boundaries

Interoperate with virtually any LMR system

- Fusion Link, our new cloud-based interoperability service, provides a universal gateway between Fusion and any P25 or conventional radio system, flexible enough to support the largest of deployments.
- Radio over IP (RoIP) provides interoperability for smaller scale deployments.

Establish mutual aid within minutes

Fusion admins can send and approve invites to link talkgroups and channels for easy interagency support. Even individuals can join an agency or access select call groups with a simple affiliation code.

Communicate across carriers and the U.S.

Deploy Fusion in multi-carrier environments so FirstNet and non-FirstNet users can communicate. And, nationwide coverage expands the breadth and depth beyond your existing LMR network, including strong rural and territory coverage.

Simplify service management

Admins can control and customize user and group capabilities, without any manual configuration. Provision adds, moves and changes to devices in real time.

3



Gain peace of mind with high availability and security on FirstNet

Bypass congestion with mission-critical priority

With First Priority®, FirstNet traffic bypasses commercial network congestion. Fusion goes a step further with Fusion traffic getting the highest priority on the FirstNet network*, maximizing availability during times of congestion.

Get lower latency and higher availability

With servers collocated in data centers across the country, Fusion calls are routed through the nearest server providing low latency and fast service access.

Expect security end-to-end

You can trust Fusion with encryption at the data layer – Advanced Encryption Standard (AES) 256 – and the wireless network layer – AES 128. We've designed the service and network architecture for redundancy during outages.

*Other than mandated emergency calling. When operating on a roaming partner's network that is not connected to the FirstNet Evolved Packet Core, users do not receive traffic prioritization.

Devices and accessories

Users can access FirstNet Fusion on a range of devices, from familiar smartphones to rugged feature phones. And, depending on the manufacturer, devices may support:

- Dedicated buttons for MCPTT calling and declaring an emergency
- Rugged designs, including those that meet military standards
- Bluetooth and wired remote speaker mics, earpieces and vehicle kits

See the list of supported devices at firstnet.com/fusiondevices.





Introducing Fusion Link: Industry-first standards-based MCPTT-LMR interop solution

Most large scale LMR-to-broadband PTT interoperability solutions today are closed systems that allow a single vendor's LMR users to interoperate only with that vendor's cellular PTT service. Fusion Link changes the game by serving as a universal gateway, enabling near real-time communication between Fusion MCPTT users and virtually any LMR system.

Fusion Link, defined by 3GPP mission critical standards, supports all standard IP interfaces (ISSI, CSSI and DFSI) for P25 systems, conventional systems and dispatch consoles. Universal support means it can be used by a single agency, multi-agency and for regional system deployments.

With Fusion Link, you get:

- Group calls, emergency alerts, pre-arranged group calls, late entry and mutual aid requests across MCPTT and LMR systems
- End-to-end encrypted group calls and secure media
- Emergency call management
- Comprehensive user and group management
- Provisioning and integration support
- Automatic failover, fallback, local and geo-redundancy and resilience against disasters or power outages for uninterrupted service

Important information

For all service terms and conditions, visit

https://serviceguidenew.att.com/sg_flashPlayerPage/FIRSTNET_FUSION

For more information, contact your FirstNet Solutions Consultant or visit www.FirstNet.com/fusion

Pricing

All prices exclude applicable taxes, fees and surcharges. All fees paid are non-refundable.

Service	Description	MRC
FirstNet rate plans with Fusion¹		
For smartphones (Agency plans)		
FirstNet Mobile Unlimited Standard with Fusion ²	FirstNet rate plan that includes unlimited talk, text and data, and Fusion Service	\$49.99
FirstNet Mobile Unlimited Enhanced with Fusion ²	FirstNet rate plan that includes unlimited talk, text, data, mobile hotspot and Fusion Service	\$54.99
FirstNet Mobile Unlimited Enhanced with Fusion and Fusion Link ^{1,2}	FirstNet rate plan that includes unlimited talk, text, data, mobile hotspot and Fusion Service and Fusion Link interoperability	\$59.99
For feature phones (Agency plans only)		
FirstNet Mobile Pooled with Fusion ²	FirstNet rate plan that includes unlimited talk, text, 2GB pooled data and Fusion Service	\$29.99
Fusion single licenses^{1,3} (Agency or individual)		
Fusion Service	Unlimited use of FirstNet Fusion for voice and data services ⁴	\$10
Video add-on ⁵	Live video streaming between enabled users	\$5
Fusion Link add-on ^{5,9}	MCPTT-LMR single-user interop license for Fusion Link	\$5
Fusion license packs⁶ (Agency only)		
Fusion Service ⁷	Unlimited use of FirstNet Fusion for voice and data services ³ for users in a multi-carrier environment. Single license also required for each active port for a RoIP gateway activation.	\$10 / license / user (Available in: 1-license, 10-license or 50-license pack)
Video add-on ⁸	Live video streaming between enabled users in a multi-carrier environment	\$5 / license / user (Available in a 1-license, 10-license or 50-license pack)
Fusion Link add-on ^{8,9}	MCPTT-LMR interop license for users in a multi-carrier environment.	\$5 / license / user (Available in a 1-license, 10-license or 50-license pack)

1. Requires use of a FirstNet Fusion certified device – found at firstnet.com/fusiondevices.

2. View plan details for FirstNet primary customers at firstnet.com/firstnetprimary or for FirstNet extended primary customers at firstnet.com/firstnetextended.

3. Requires an existing qualified FirstNet wireless rate plan. Not eligible for contract-based discounts.

4. “Unlimited” applies to use of FirstNet Fusion on the AT&T commercial wireless data network, the FirstNet Evolved Packet Core (i.e., the physically separate wireless broadband network infrastructure dedicated solely to FirstNet Public Safety Entities), and the supported networks of domestic roaming partners) in the domestic United States, and such traffic will not be charged against the Customer’s FirstNet data rate plan. All other data usage will be charged at AT&T’s scheduled rates.

5. Requires a FirstNet Fusion service single-license subscription.

6. Fusion license packs can be used in multi-carrier environments. Non-FirstNet subscribers do not receive First Priority, nor mission-critical traffic priority, which is reserved for Fusion customers on the FirstNet network.

7. For RoIP activations, a single license pack is required for every active port on the gateway. RoIP requires installation of customer owned and operated equipment.

8. Requires a FirstNet Fusion service license pack purchase.

9. Provides connection between FirstNet Fusion users and Land Mobile Radio users. Requires separately quoted VPN connectivity from AT&T or customer-provided VPN connectivity.

Why FirstNet

FirstNet is the nationwide wireless network built with and for America’s first responders and the extended public safety community. It runs on a dedicated core that delivers reliable, highly secure coverage, capacity and prioritized connectivity when it matters most. Unlike commercial networks, FirstNet users never compete with commercial traffic.