

FirstNet® Push-to-Talk

Mission critical group talk + location + video + messaging



Mission critical talk, location, messaging and video

Experience group PTT audio quality similar to Land Mobile Radio (LMR) and LTE-flexibility with secure messaging, streaming video and location services. FirstNet PTT gives your team a convenient, modern tool, built to mission-critical standards.

Highest priority on the network*. Emergency responders on FirstNet already receive First Priority®, which provides quality of service (QoS), priority and preemption. With FirstNet PTT, they get even higher priority with mission-critical class of service, which maximizes availability during times of congestion.

Fast access. With servers collocated in data centers across the country, FirstNet PTT calls are routed through the nearest node, providing low latency and fast service access.

Secure and redundant. You can put your trust in FirstNet PTT with encryption at the data layer – Advanced Encryption Standard (AES) 256 – and the wireless network layer – AES 128. We've designed the service and data center architecture for redundancy during outages for your peace of mind.

FirstNet PTT offers users:

- Nationwide group and 1:1 calling, including emergency calling and alerts
- Location services to map and call nearby team members
- Text messaging and file sharing
- PTT calling over Wi-Fi
- Streaming video (optional service)
- LMR interoperability (optional service)
- Dispatch integration (FNPTT service available with Catalyst consoles)

FirstNet PTT offers administrators the flexibility to:

- Create large talk-groups with up to 3K users
- Create mutual aid requests for assistance from other agencies
- Allow supervisory override, giving designated users ability to take over a talk group
- Filter calls with talk group affiliation/disaffiliation

*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.

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Why Mission Critical PTT?

- Talk nationwide using a familiar LMR experience, either on a smartphone or P25 two-way radio
- Messaging, streaming video and location services, all built to 3GPP standards
- Connect with other agencies across the country via mutual aid requests
- Establish talk groups between FirstNet PTT and LMR users

Expand where you work and who you work with

Nationwide coverage: Talk, message and send video even beyond your existing LMR footprint with the FirstNet LTE network that reaches more than 99% of Americans.

Inter-agency mutual aid: Send requests to neighboring agencies to add FNPTT users to talk groups for cross-jurisdictional operations, planned events or larger scale emergencies.

LMR interoperability: Communicate seamlessly between FirstNet PTT users and existing two-way radio users. This can help to expand existing LMR coverage, increase capacity and provide redundancy.

Choose from a broad range of certified devices

Users can access FirstNet PTT on a range of devices, from familiar smartphones, PTT-centric feature phones and P25 land mobile radios. And, depending on the manufacturer, devices may support:

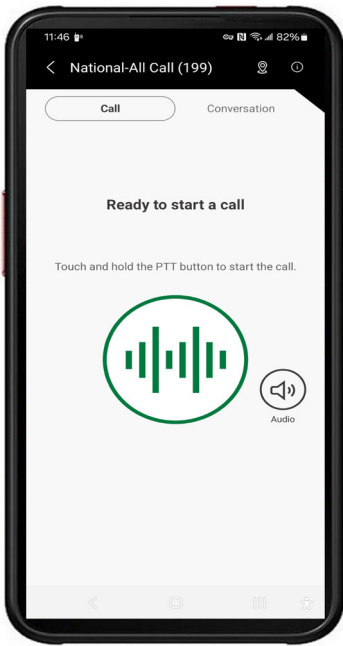
- Dedicated buttons for PTT calling and declaring an emergency
- Rugged designs, including those that meet military standards (MIL-STD-810G)
- Device-to-device “talk-around”

See the list of supported devices at [FirstNet.com/FirstNetPTT/devices](https://www.firstnet.com/FirstNetPTT/devices).

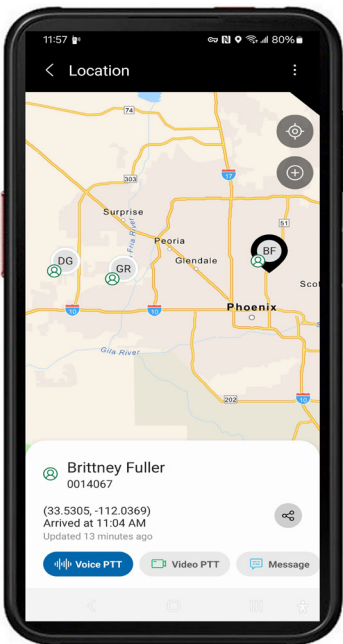


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Conversation view



Location view

Much more than PTT voice calls

While clear audio is critical for push-to-talk users, messaging, streaming video and location services allow FirstNet PTT users to have better situational awareness for faster decision-making.

Location services on FirstNet PTT support:

- Secure geo-location and global information system (GIS) mapping provided by Esri
- Ability to initiate calls by tapping on users on the map

File sharing on FirstNet PTT supports:

- Multiple file types, including images, video, audio, text and PDF
- File sizes of up to 100MB
- AES 256-bit encryption

Streaming video on FirstNet PTT (optional service) supports:

- Maximum of 10 users in each video capable group
- Maximum video call duration of 15 minutes
- AES 256-bit encryption

LMR to LTE interoperability (optional service)

Your agency needs all team members to be able to communicate, whether using a two-way radio or smartphone. Using Radio over IP (RoIP) gateways¹, LMR radio and FirstNet PTT users can communicate seamlessly.

With RoIP interoperability, agencies have a low-cost option to extend communications beyond their existing LMR footprint and can free up LMR capacity by shifting users to LTE devices..

Dispatch console integration (optional service)

FirstNet PTT customers can now access a fully featured command and control dispatch system. Through Catalyst console integration, dispatchers can manage and coordinate FirstNet PTT in the same manner they control existing LMR resources today. Dispatchers can easily patch MCPTT and LMR users into shared talk groups.

Managing FirstNet PTT via FirstNet Central

Your designated administrator can manage FirstNet PTT service via FirstNet Central (firstnetcentral.firstnet.com). The FirstNet PTT Administrative Tool offers easy-to-use features that allow you to:

- Create talk groups and contacts that are pushed to the device in near real-time
- Organize users into zones and sub-groups to reflect your operational structure
- Request mutual aid from other agencies using FirstNet PTT, then easily manage these new users within inter-agency talk groups

And agencies that need help setting up FirstNet PTT can request the PTT Customer Administration Set Up and Training (CAST) service at no extra cost.² PTT CAST provides online, orientation courses on the PTT Admin Tool.

(1) To set up the RoIP gateway, you'll need a donor two-way radio, cabling and secure backhaul to the FirstNet PTT service. Separate charges for backhaul apply. Customer premise equipment is sold by third parties and may be billed by AT&T. PTT service. Separate charges for backhaul apply. Customer premise equipment is sold by third parties and may be billed by AT&T.

(2) May be withdrawn at any time.

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Pricing

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

Plan	Description	Monthly Recurring Charge
FirstNet PTT Subscription ¹	Unlimited FirstNet PTT use for voice and data services. Includes the monthly LMR interoperability add-on at no additional charge ²	\$10
FirstNet PTT Streaming Video ^{3,4}	Live video streaming between enabled users	\$5
FirstNet PTT LMR Interop Site License Fee	Site licensing fee for each RoIP Gateway	\$2,500 (one time charge)
FirstNet PTT Dispatch License ^{3,5}	FNPTT service access for a single dispatch position	\$60/position
FirstNet PTT Dispatch Site License Fee	Site licensing fee for each console gateway	\$2,500 (one time charge)
FirstNet Mobile Unlimited Plan	Wireless backhaul from RoIP or dispatch gateway to FirstNet FirstNet Evolved Packet Core	\$40/line
FirstNet PTT data for Hybrid Radio	FNPTT data rate plan and service for mobile and portable two-way radios ⁶	\$24.99
First Priority [®] for FirstNet Mobile Unlimited Plan	<ul style="list-style-type: none">• Primary User• Extended Primary User	<ul style="list-style-type: none">• No incremental charge• \$7.50/line

Notes:

- (1) Requires use of a FirstNet PTT certified device – found at FirstNet.com/FirstNetPTT/devices – and an existing qualified FirstNet wireless rate plan. Not eligible for contract-based discounts.
- (2) “Unlimited” applies to use of FirstNet PTT 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
- (3) Requires a FirstNet PTT subscription.
- (4) Maximum talk-group is 10 video streaming users.
- (5) Includes a FirstNet PTT subscription. Requires installation of customer owned and operated equipment.
- (6) Requires use of a FirstNet PTT-certified land mobile radio – found at FirstNet.com/FirstNetPTT/devices – and includes a FirstNet data rate plan that provides 500 megabytes of pooling data within the domestic U.S., Canada and Mexico (\$0.000009536 each additional 1 kilobyte of data usage). Mobile Hotspot and tethering available with compatible devices.

Important information

For all service terms and conditions, visit http://serviceguidenew.att.com/sg_flashPlayerPage/FIRSTNET_PTT.

For more information, contact your FirstNet Solutions Consultant
or visit www.FirstNet.com/push-to-talk.