

Brochure

WAVE PTX

Take push-to-talk further

WAVE PTX is a carrier-independent broadband PTT service that eliminates the barriers between radio users and those on smartphones, tablets and broadband devices. With secure, affordable nationwide push-to-talk (PTT), WAVE PTX accelerates the flow of information across your organization to help increase productivity.



Let everyone be part of the conversation

Keep team members connected across a facility, worksite or even across the country.

Many organizations rely on a growing mix of Wi-Fi, two-way radio and cell phone networks, which makes it more complex to move essential information across an organization.

To keep communication flowing at the pace of today's business, integrated communications solutions that work across any device, from any location, instantly, are becoming increasingly important.

WAVE PTX is a carrier-independent broadband PTT service that extends instantaneous private and group communication across different networks and devices so everyone can be part of the conversation. And, by combining the speed and simplicity of PTT with the power of multimedia, WAVE PTX provides video, data and text communication, as well as voice. You can also connect your land mobile radio (LMR) network with WAVE PTX and reach more team members over a wider area.

In a recent Motorola Solutions survey, over 90% of workers said it would be valuable if they could seamlessly communicate across any type of device. This is important because, as the same survey found, almost all workers are using more than one device on the job, switching throughout the day to the tools best suited for a specific task.



Clear communication

Leverage PTT service with exceptional voice quality and calling to pre-defined groups, ad hoc groups or individual users, or use broadcast calling for urgent communication.

Nationwide service

Keep a dispersed team connected and increase productivity with a nationwide push-to-talk network that powers the quickest push-to-talk setup and call times.

Multimedia sharing

Provide greater context and reduce time to communicate with the ability to push and receive images, videos, text messages and documents with individuals or groups.

Location on device

Access a map display to check group member locations, share your location, tap a map icon to initiate a PTT call or setup a geofence to track team member movement.

Talkgroup scanning with priority

Never miss important communication with the ability to select which groups to monitor, automatically scan for active calls and designate which groups preempt calls on lower priority groups.

Connect with external users

External vendors or partners can be provisioned as WAVE PTX users from another corporation to enable communication while upholding security, privacy and administrative boundaries.

Explore our range of broadband push-to-talk (PTT) solutions and experience the power of WAVE PTX with a device that works for you.



WAVE PTX mobile app

Turn your phone or tablet into a PTT handset and get instant communication at the touch of a button with the WAVE PTX mobile app. With a customer-provided device, the WAVE PTX app provides carrier-independent broadband PTT service and an extensive set of features to keep users connected.



MOTOTRBO Ion

The rugged MOTOTRBO Ion smart radio is the first business-ready communication device with all-on voice and broadband data capabilities. WAVE PTX connectivity with the Ion radio can provide seamless voice communications across your LMR system and well outside your system coverage area.



TLK 25

Compact, powerful, and equipped with an intuitive voice assistant for seamless operations, the TLK 25 is a wearable device designed for ease of use, efficiency and safety. Even with its slim profile, it has all the safety features offered by traditional radio, including: Fall Alert, Lone Worker and a dedicated emergency button.



TLK 110

Get the flexibility of push-to-talk (PTT) communication via LTE in a rugged device. It also provides clearer communication with AI-backed noise suppression, an improved LED screen and a dedicated emergency button to offer Fall Alert and Lone Worker through our SafeGuard subscription, all in an LMR-like device.



TLK 150

The TLK 150 is a broadband PTT mobile radio solution that can be quickly deployed in your vehicle fleet to increase coverage, connections and productivity without expanding infrastructure. Safely operate while driving via one push-to-talk button.



Dispatch from any internet-enabled location

Centralize communication with WAVE PTX Dispatch, a feature-rich, browser-based application that allows dispatchers to manage day-to-day operations with easy access to key situational awareness features such as area-based talkgroups, multimedia communication, and location mapping and tracking.

Set up operations anywhere

WAVE PTX Dispatch lives in the cloud, not on your PC, so securely sign in from any location with an internet connection via web browser.

Communicate in an instant

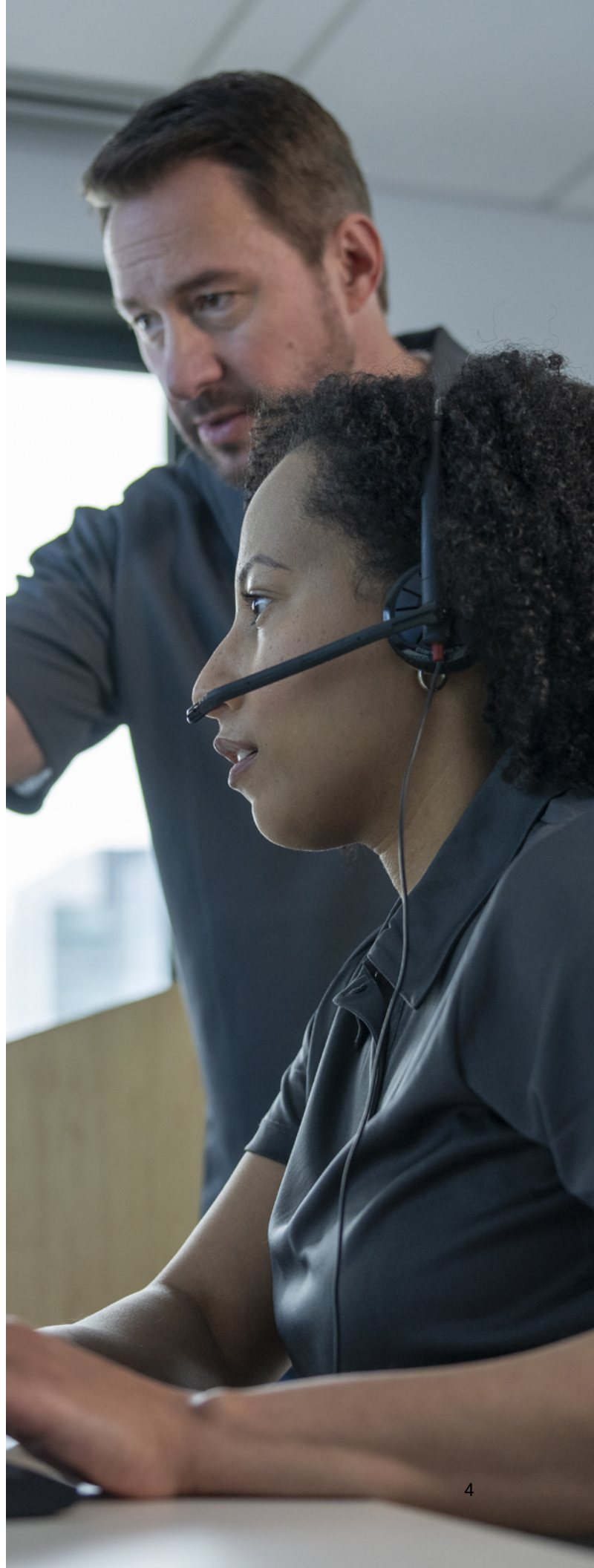
Instantly connect with groups and individuals to keep in touch with your field personnel, wherever they may be.

Share important details

Push text, photos, videos and files to groups and individuals to ensure your team has all the information they need to get the job done.

Stay aware of user location

Dispatch efficiently based on real-time map locations, tap a map icon to initiate a PTT call or setup a geofence to track location activity.





Enhance safety with WAVE PTX SafeGuard

The optional WAVE PTX SafeGuard and SafeGuard Multirole packages add mission-critical features such as advanced emergency calling, remote monitoring and large talkgroups to enhance worker safety and improve communication efficiency.

Large talkgroups

Increase productivity and improve collaboration by getting key information to a wider number of workers than ever before with groups of up to 3,000 members.

Emergency calling

A worker whose safety is threatened can press a hard or soft dedicated button to initiate an emergency call, with the highest priority, to reach the right resource for assistance.

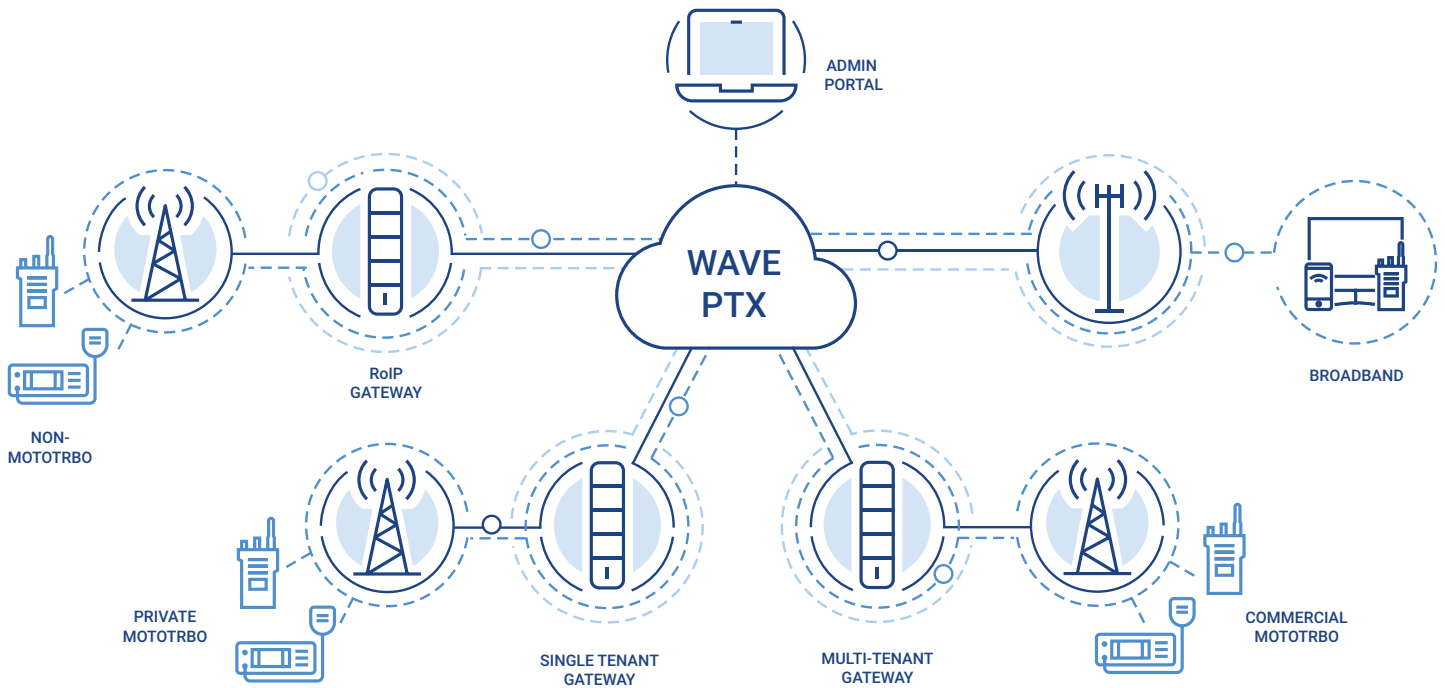
Remote user check

Monitor the health of a user's device, including battery level, signal strength and location, or disable the WAVE PTX application on the device if it is lost or stolen.

Ambient listening

Remotely open the microphone of a user's device to determine if they are in distress and in need of assistance by listening to the sounds from the surrounding environment.





Extend the reach of LMR with WAVE PTX

Connect your land mobile radio (LMR) network with WAVE PTX to provide seamless PTT communication to users who are out of coverage or without a radio.

MOTOTRBO interoperability

Wireline connectivity is available for seamless PTT communications between WAVE PTX users with those on commercial or private MOTOTRBO systems, including:

- Capacity Plus
- Capacity Max
- IP Site Connect

RoIP over IP interoperability

Or, you can use Radio over IP (RoIP) to connect WAVE PTX users to those on non-MOTOTRBO networks, including LMR networks from other vendors.





Enhance awareness with video streaming

An optional feature for both the WAVE PTX mobile and dispatch applications, video streaming makes it possible for users to continuously stream video at the push of a button. By improving clarity and enhancing awareness, streaming video delivers faster, more accurate communication in the moments that matter.

Continuously stream live video

WAVE PTX users can push live video, to another user, dispatcher or talkgroup from the device's integrated camera. While receiving a video stream, recipients can continue to receive PTT calls, switching between the video session and PTT call as needed.

Request live video from users

Dispatchers can pull live video from the device of a WAVE PTX user. The live video stream can either start once the targeted user has accepted the request or automatically upon request receipt unless prohibited by the user.

Simultaneous PTT calls

Users streaming or receiving video can still participate in PTT calls, switching between them as needed.



Maximize event response by integrating WAVE PTX with Orchestrate

When a security breach occurs, time is a precious commodity. But, the more devices, cameras and sensors installed, the more time it takes to detect triggers and alert the appropriate response teams.

With the integration of WAVE PTX into Orchestrate, you can automate workflows so users automatically receive notifications on iOS or Android smartphones, independent of location or network, when an abnormal or critical security situation occurs.

Together, WAVE PTX and Orchestrate help you share critical information to the right people, faster. With automation that streamline workflows and increase the speed of communication across your team, you can boost productivity and enhance safety.





To learn more, visit:
www.motorolasolutions.com/waveptx



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Availability may vary across regions

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