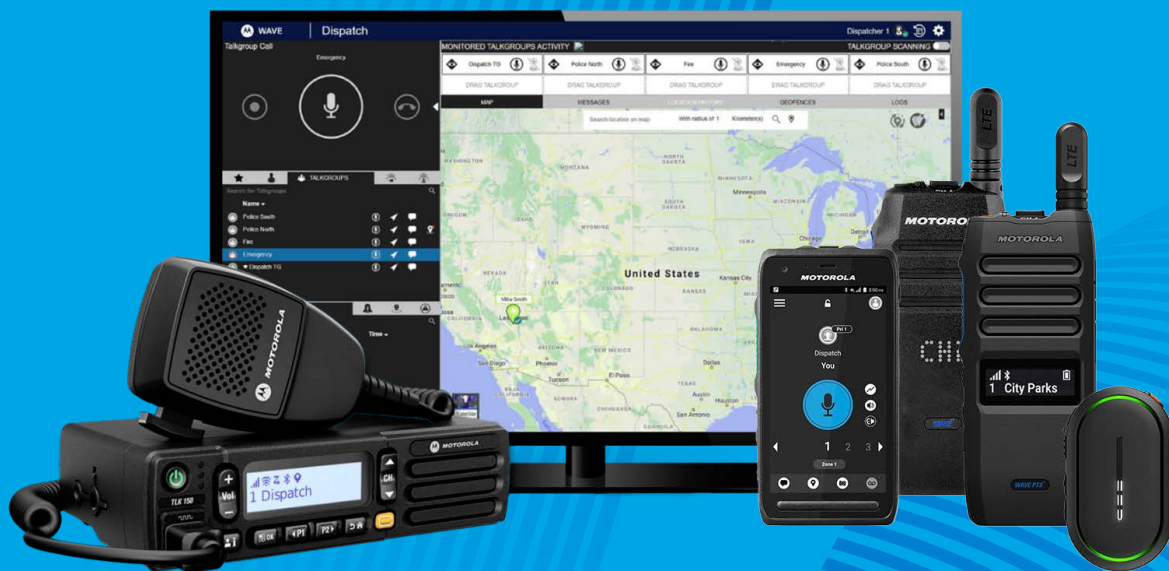


WAVE PTX™

Push-to-talk products and services that work the way you do

Connect your team with greater speed and efficiency over cellular service with push-to-talk products that have no boundaries.



03	About us	24	Accessories
04	WAVE PTX overview	28	Service plans
06	Nationwide push-to-talk	33	Add-on features
08	WAVE PTX mobile app	39	Safety & Security Ecosystem
10	WAVE PTX dispatch	46	Ecosystem connections
12	TLK devices and radios	52	Industry insights
18	LMR radios	61	FAQs

Connect your team

WAVE PTX™ is a push-to-talk (PTT) subscription service app from Motorola Solutions that instantly connects your team across different devices, networks, and locations. It eliminates the barriers between devices, networks, and locations to let everyone be part of the conversation.

Broadband PTT devices

Get the benefit of WAVE PTX with a wearable device and or rugged two-way radios on a nationwide network.

WAVE PTX mobile app

Turn your phone into a PTT handset and get instant communication at the touch of a button.

WAVE PTX dispatch

Login from any Internet connection and manage your mobile workforce from anywhere.

Meet TLK 25, Motorola Solutions'
wearable WAVE PTX device





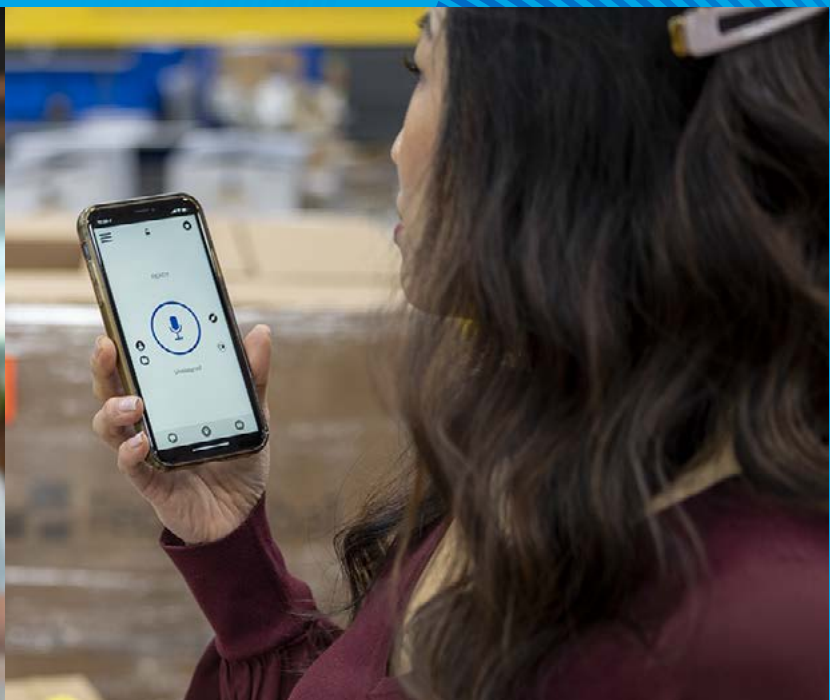
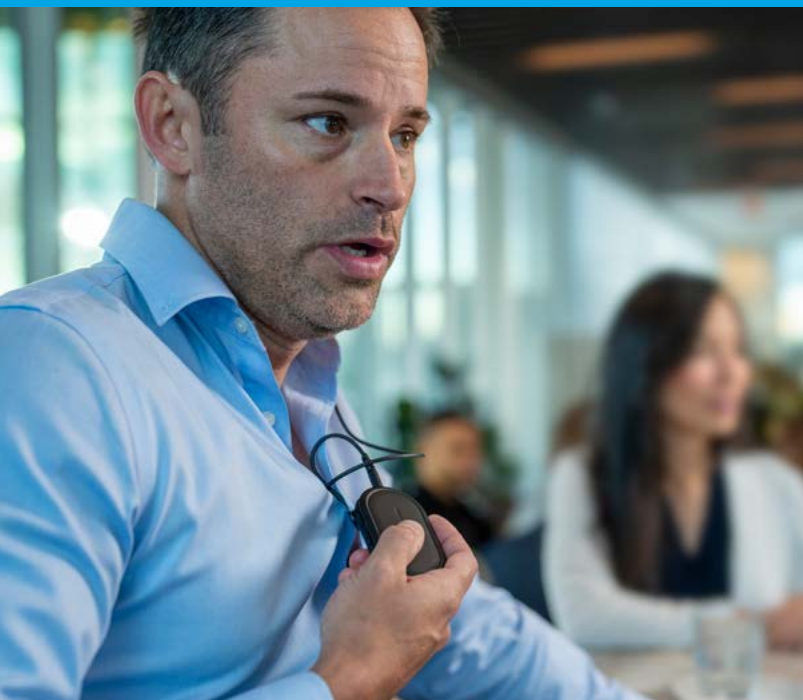
Altreda is an experienced Value Added Distributor in the B2B sector. For more than twenty years, we have been supporting resellers and system integrators in Switzerland, Austria and France with professional communication and security solutions. We do not simply supply products – we ensure that projects are implemented smoothly and efficiently.

That is why companies trust Altreda:

- More than 1,800 devices and accessories readily available
- Authorized distributor of Motorola Solutions
- Short delivery times thanks to efficient warehouse management
- Personal support and technical expertise
- Recognized as a WAVE PTX Specialist

Altreda is your partner for communication in security-relevant environments, providing solutions you can rely on at all times.

WAVE PTX™ overview





What is WAVE PTX?

Motorola Solutions WAVE PTX™ is a network-independent broadband Push-to-Talk (PTT) subscription service that instantly connects your team across different devices, networks, and locations at the push of a button.

Instant communication

Get the speed and simplicity of professional radio PTT communication with the ability to share details via text, photo, video or file attachment.

Nationwide service

Connect your professional radio system to WAVE PTX and reach more team members over a wider service area.

Predictable costs

Manage your cash flow with low-cost per-user subscriptions, no capital expenses and no long-term commitments.



Nationwide communications

Explore how the WAVE™ PTX connects your enterprise across the country.

Combining the broad coverage of a nationwide cellular network with the ease of push-to-talk (PTT), WAVE PTX devices, two-way radios, WAVE PTX App, and WAVE PTX Dispatch get your team connected fast.

Accelerate the flow of information within your organization and increase productivity with secure, affordable TLK radios with nationwide push-to-talk.

Rapid, reliable deployment. Use nationwide.

Nationwide devices and radios with rapid, reliable deployment

Combining the broad coverage of a nationwide cellular network with the ease of push-to-talk (PTT), WAVE devices and two-way radios and devices get your team connected fast.

Instant connection across any device, from any location

We live in an always-on, instant-connection world where an answer is just a text or call away. Many workers still need a purpose-built device that includes the communication tools they require while eliminating everything they don't. They need instant voice communication — whether that's within a building, on the road, or across the country — without complex interfaces and the distractions of other devices.

With the WAVE devices, radios, MOTOTRBO™ Ion, your employees can stay connected anywhere in the world. At the single push of a button, they have direct access to colleagues with crisp, clear audio, regardless of the device or network they use. All without the need to build and maintain radio infrastructure.

WAVE PTX, TLK Series radios, are an integrated communications solution that allows all workers to connect at the pace of today's business expectations — across any device, from any location, instantly.

WAVE PTX™ mobile app



Turn your phone into a PTT handset and get instant communication at the touch of a button

"Bring your own device" PTT services. With a customer-provided user device, the WAVE PTX™ app provides carrier-independent broadband PTT service and an extensive set of business-critical PTT-based features to keep mission-essential users informed and connected.

Single app. Two modes. Multiple functions.

Get all your group communication needs in one easy-to-use app for Android and iOS phones and tablets.

Multimedia messaging

Increase the speed and clarity of information via text, photo, video, or file attachment.

Location and mapping

Track your team on a map, share your location, find an address, or set a meeting place.

Instantly connect with a group or individual, send a one-way message to up to 500 users, group and private PTT, multimedia communication, text a message, send a photo, share a video, location sharing and mapping, view talkgroup members on a map.

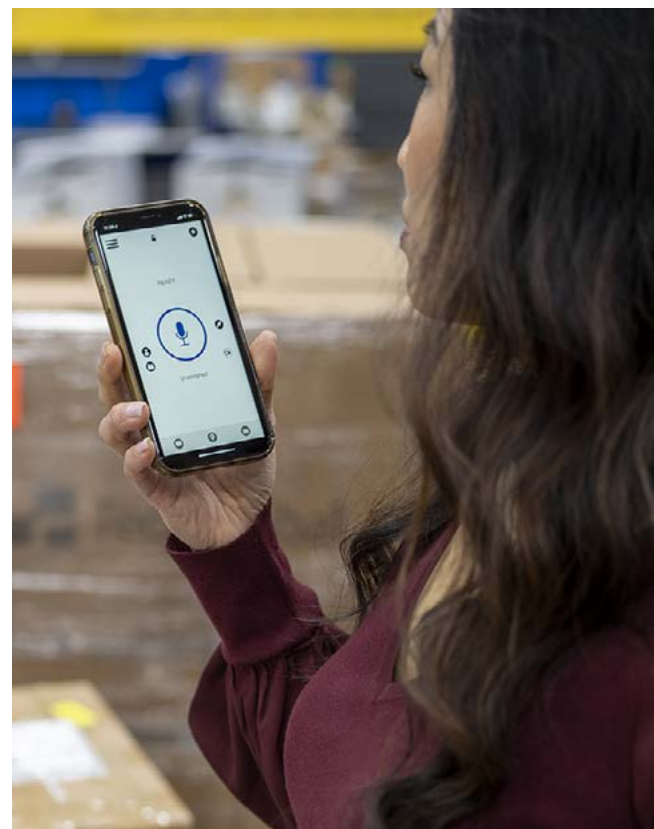
Select one of two client modes: PTT Radio to emulate the experience of a conventional two-way radio, or Standard Mode, which offers full client functionality.

Key features

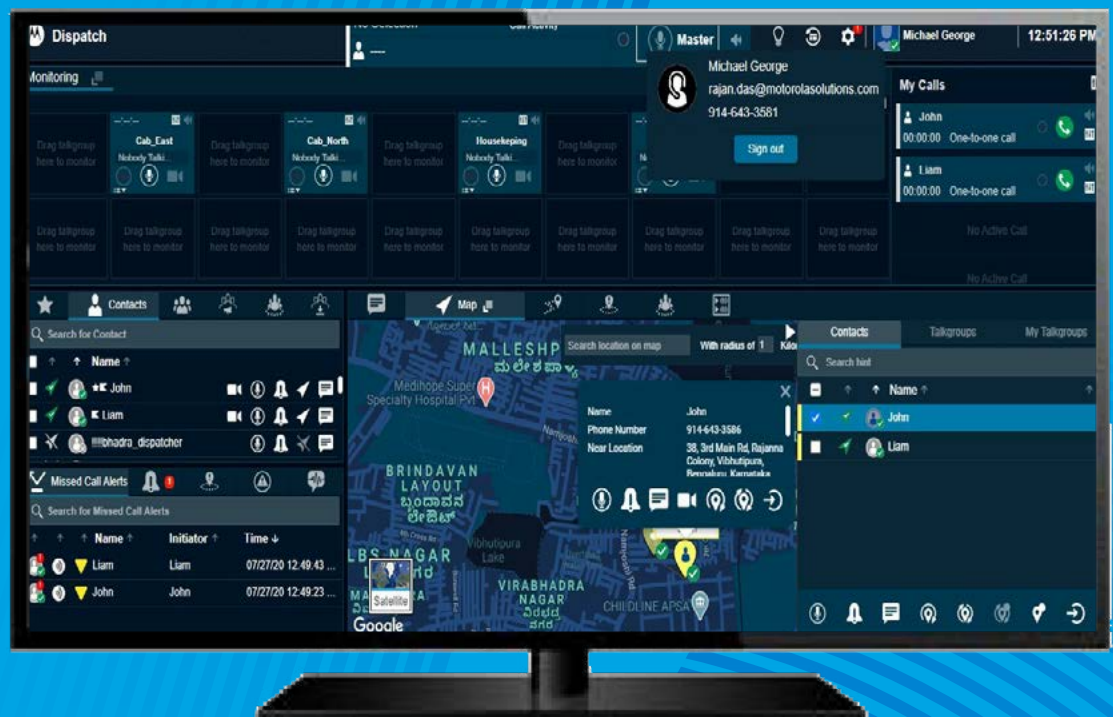
- Group and private PTT calls
- Real-time presence
- Do not disturb
- Priority talkgroup scan
- Background calling
- Voice message fallback
- Text messaging
- Video, photo, and file sharing
- Location, mapping, and tracking
- Geofencing

Get more done faster with WAVE PTX™

When it comes to speed, nothing is faster than push-to-talk, and there's no faster way to get started than with a WAVE PTX cloud-based subscription. Your team can be up and running in less than an hour and you get predictable costs without long-term commitments.



WAVE PTX™ dispatch



Centralize communication anywhere

Simplify day-to-day operations with WAVE PTX Dispatch. Log in from any internet connection and get access to all the communication tools you need to manage your resources and coordinate an effective operation. Regardless of location, with WAVE PTX Dispatch you're just a click away.

Web-based dispatching

Log-in from any PC and get the latest features with no software to install or maintain.

Multimedia communication

Share details with an individual or your entire team via text, photo, and video or file attachment.

Location and mapping

Track your mobile teams on a map and efficiently dispatch based on real-time location.

Set up operations anywhere

WAVE PTX™ dispatch capabilities ensure that from any internet-enabled location, dispatchers can effectively manage day-to-day operations, with easy access to talkgroup scanning, multimedia communication, and location mapping and tracking. WAVE Dispatch also allows for call recording and call log tracking to improve situational awareness.

Share the details

When the details are important, ensure your team has all the information it needs. With integrated messaging you can send text, photos, video, and files to groups and individuals in a familiar message thread format. See the location of your team, search for an address or point of interest, and improve coordination and planning.

Locate and see users on a map, selectable map views, automatic and on-demand location updates, set-up geofencing, find an address or point of interest, location history and replay, and in-map communication.



Voice Dispatching

- Monitor up to 20 talkgroups.
- One-to-one, group and broadcast PTT
- Presence (Available, Do Not Disturb, Offline)
- Talkgroup scanning with priority
- Voice message fall back
- Call logging and recording
- Supervisory override
- Alerts



Integrated Messaging

- Exchange multimedia information.
- Text
- Photos (GIF, JPEG, PNG)
- Videos (MPEG-4)
- Audio files (AAC, MP3)
- Documents (PDF)
- Location data



Location and Mapping

- Locate and see members on a map.
- Selectable map views
- Automatic and on-demand location updates
- Find an address or point of interest
- Location history and replay
- In-map communication
- Geofencing

TLK devices and radios





TLK 25 **WAVE wearable device**

Keep your team connected with the TLK 25, a wearable WAVE PTX device that expands beyond push-to-talk capabilities.



TLK 110 **WAVE two-way radio**

With its effortless device management capabilities, the TLK 110 can be optimized for seamless operations, leaving your business safer, smarter, and better connected.



TLK 100 **WAVE two-way radio**

Combining the broad coverage of a nationwide cellular network* with the ease of two-way radio communications, the WAVE TLK 100 gets your team connected fast.



TLK 150 **WAVE two-way radio**

Safely operate while driving via one push-to-talk button. Increase coverage, connections, and productivity without expanding infrastructure.



TLK 25 wearable device

Communicate and operate confidently with the TLK 25, a wearable WAVE PTX device that expands your capabilities beyond push-to-talk and doesn't limit communication to one site. Compact, rugged, and equipped with an intuitive voice assistant for seamless communications, the TLK 25 is designed for ease of use, efficiency and safety. Access communications, management and safety ecosystem in a small, intelligent device.

Nationwide LTE + Wi-Fi

TLK 25 can connect to your existing personal or enterprise Wi-Fi networks or nationwide LTE network. A Wi-Fi only device is also available.

Key features

- Shaped for safety
- Lightweight, Wearable Design
- Voice-Assisted Operations

In client-facing roles, delivering high-quality, seamless guest experiences relies on invisible operations. With large radios or smartphones, employees may struggle to discreetly operate their devices. Compact, lightweight and powerful, the TLK 25 eliminates the burdens of bulky devices.

Turn your TLK 25 into a panic button with its emergency button. Automatically detect incidents with lone worker and fall alert. Quickly source emergencies with precise indoor location tracking.



Watch now



TLK 110

handheld two-way radio

The TLK 110 combines the flexibility of push-to-talk communication via broadband with the reliability of a rugged (IP67 rating), purpose-built radio. With its effortless device management capabilities, the TLK 110 can be optimized for seamless operations, leaving your business safer, smarter, and better connected.

With the TLK 110 and WAVE PTX™, push-to-talk communication takes place over a reliable, nationwide network, so important information can be delivered to work partners instantly. And in instances where connection may be limited, such as in a warehouse or underground, the TLK 110 can place calls over your pre-existing 2.4 and 5 GHz Wi-Fi networks, providing reliability and flexibility, no matter the environment.

Key features

- Dedicated emergency button
- 2-line monochrome display
- 8-hour battery life

Communicate freely with VOX PTT, an option for hands-free communication—valuable when hands are full, or a radio is hard to access. And the TLK 110's VOX functionality is only triggered by voice, so you can easily use it in noisy environments. The TLK 110 also works with Bluetooth earpieces, so if your radio is out of reach, you can still hear what is happening and communicate with your teams.

With the TLK 110, you can confidently communicate with clarity. TLK 110 uses AI backed noise suppression to eliminate background noise in loud or busy environments such as construction sites, warehouses or even on the road.



Watch now



TLK 100 handheld two-way radio

Combining the broad coverage of a nationwide cellular network with the ease of two-way radio communications, the TLK 100 Two-Way Radio gets your team connected fast. Keep employees connected and accountable with crisp, clear audio, location tracking, and Wi-Fi. Increase efficiency with single-button operations and long battery life.

Key features

- Easy to use and manage
- Built for the job
- Nationwide push-to-talk

Keep employees connected and accountable with crisp, clear audio, location tracking, and Wi-Fi. Increase efficiency with single-button operations and long battery life. And improve focus without a distracting screen to get in the way.

One button, multiple teams

Collaborate at the speed of business with push-to-talk. Contact multiple teams simultaneously, and securely communicate with just one button.

Forget building out or maintaining a costly radio infrastructure. Get your team up and running quickly by deploying nationwide push-to-talk in less than 24 hours. You can even use the TLK 100 two-way radio with your current compatible two-way radio systems and smartphones. There's no costly or time-consuming FCC or spectrum licensing, or manual programming required.



Watch now

TLK 150 mobile two-way radio

TLK 150 is a powerful and flexible work group communication tool for secure PTT on the go in a rugged mobile form factor. Simply deploy to your vehicle fleet to increase coverage, connections and productivity without expanding your infrastructure - no costly, time-consuming spectrum licensing or manual programming required. TLK 150 also integrates with WAVE PTX-enabled smartphones, tablets, PCs and other radios.

Key features

- Nationwide push-to-talk
- Complies FMCSA regulations
- High-quality audio

Combining the broad coverage of a nationwide cellular network with the ease of two-way radio communication, the TLK 150 enables your team to connect instantly. By connecting to your current existing Land Mobile Radio (LMR) systems and smartphones, the radio extends push-to-talk benefits to all your team members for in-vehicle operation, whether they're on the road to a different job site, location, or across the country.

More reliable, more efficient, and easier to use than a smartphone, the TLK 150 gives you everything you appreciate about two-way radio – and more. Purpose-built for organizations and fleets where in-vehicle communication is paramount, TLK 150 radios combine power with simplicity – providing instant information without distraction. One button push-to-talk, or Bluetooth®-capable accessories make it easy to connect and are compliant with Federal Motor Carrier Safety Administration (FMCSA) regulations, so you know your employees are safe and undistracted.

You can even use the TLK 150 with your current compatible MOTOTRBO systems, LMR, and smartphones. There's no costly or time-consuming FCC or spectrum licensing, or manual programming required.



LMR devices





MOTOTRBO Ion handheld smart radio

Your business runs on voice and data. But if your devices can only access one, you're not running at your best. The rugged MOTOTRBO™ Ion smart radio is the first business-ready communication device with all-on voice and broadband data capabilities.

Key features

- Android platform
- Open app ecosystem
- Full multimedia capabilities

MOTOTRBO Ion brings together renowned PTT performance, an open app ecosystem on the Android platform, and access to the Motorola Solutions technology ecosystem — including video security and analytics, and best-in-class network security. With Ion, teams stay connected across networks and devices. Business-critical data and workflows are unified and simplified. And the capabilities your workforce needs to be at their best are always on.

Full multimedia capabilities on an Android platform with an open app ecosystem. An intuitive touchscreen lets you view high resolution images, and an integrated camera lets you send — even stream — photos and videos.

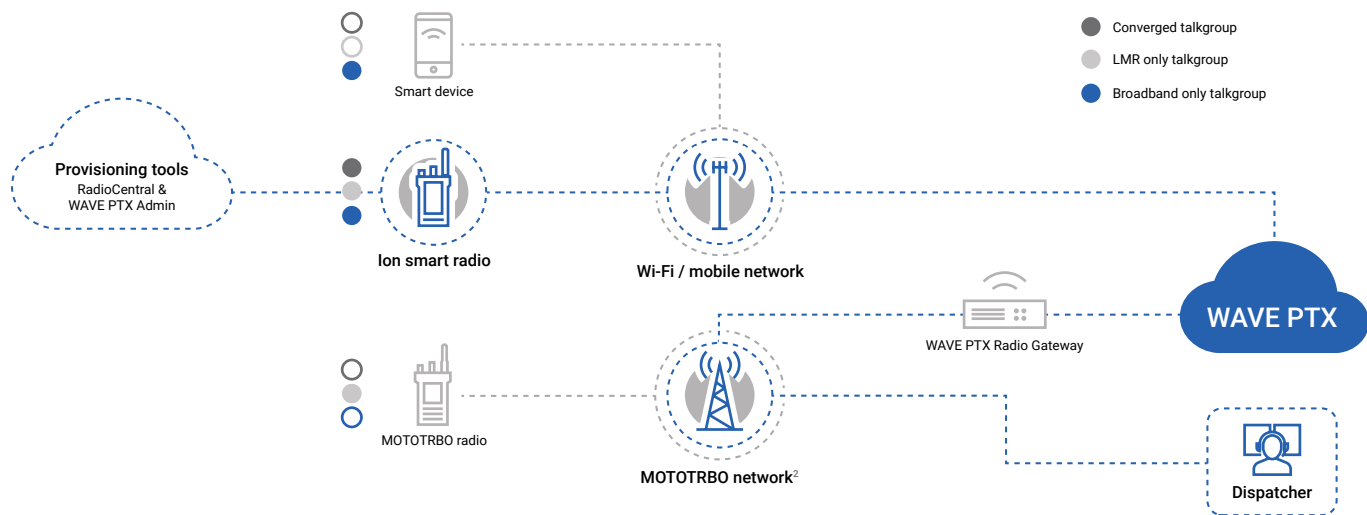
Connectivity is on

Built to keep your workforce connected anywhere you do business. You can seamlessly communicate through voice and data, over public and private networks. And our Seamless Voice Handover feature automatically switches you to broadband when you roam beyond your smart radio system coverage, so your connectivity is always on when you need it.



Watch now

MOTOTRBO Ion broadband-LMR integration



Use cases

Nationwide coverage

When users need to roam between sites, for example, a maintenance technician driving between two manufacturing plants, or hotel staff traveling between properties, Seamless Voice Handover allows them to connect back to their home network.

Dead spot migration

While MOTOTRBO systems are designed to provide the best coverage possible, there is always a possibility of a “dead spot” for instance deep inside large buildings, including factories, schools and hospitals. With Seamless Voice Handover, users can leverage broadband to maintain coverage when roaming inside larger buildings, or new buildings where radio infrastructure has not been implemented, but Wi-Fi or LTE coverage exists.



Accessories



Motorola original accessories

Let's TLK accessories

Motorola Solutions accessories are designed for lasting comfort and improved device performance.

Featuring PTT and voice assistant buttons, the TLK 25s compatible earpiece allows users to carry out key functions without needing to even touch their devices. Wear the TLK 25 the way you want. With its specialized accessories and compact form factor, users can carry their TLK 25's to their preference and with ease.

Risk-taking has its place in the business world, but not with your vital communication needs. A mismatched battery, a flimsy headset, or an ill-fitting carry case are just some of the ways your WAVE PTX™/TLK device or radio may not be ready at the moment you have to use it.

That's why Motorola Original accessories are your only option for making the most of your WAVE PTX™/TLK device or radio's capabilities. Every Motorola accessory is designed, built, and rigorously tested to the same quality standards as Motorola Solutions' devices radios. Enhance your device and two-way radio capabilities with high-performance Motorola Original® accessories to ensure your radio is ready to do its job time after time – helping to increase your productivity.

The power of your TLK devices and radios unleashed

Motorola Solutions TLK Series devices and radios offers the best technology when you need instantaneous, secure and controllable communications. Using the right accessories with the radio can add real value for you by providing a complete, customized solution that is safer and easier to use with improved system performance.

Motorola Solutions offers a vast range of accessories for the TLK Series devices and two-way radios:

- Antennas
- Audio Accessories
- Batteries, Chargers and Cables
- Cables and Accessories
- Carry Accessories
- External speakers
- Installation, cables, and mounting
- Microphones
- Mounting accessories
- Push-to-talk solutions



WAVE TLK 25, 100, & 110 radio accessories

CARRY ACCESSORIES

Our versatile portfolio includes a swivel carry holster (ships in-box with radio), a flexible hand strap and a rotating heavy-duty belt clip.

PMLN8439	TLK 110 Swivel Carry Holster
PMLN6074	Nylon Wrist Strap
PMLN7128	TLK 100 Heavy-Duty Swivel Belt Clip
PMLN7932	TLK 100 Carry Holster with Swivel Belt Clip
PMLN8538	TLK 100 Carry Holster with Swivel Belt Clip
PMLN8536	TLK 25 Holster

BATTERIES, CHARGERS AND CABLES

Keep your radios functioning at all times with these essentials. Charge your Lithium-Ion batteries in single or multi-unit charging docks.

PMNN4578	TLK 110 Lithium-Ion 2500 mAh Battery
PMNN4468	TLK 100 Lithium-Ion 2300 mAh Battery
HKLN4678	TLK 110 Battery Cover
PS000150A31	TLK 110 USB-A Wall Charger, 5V/1.5A, 240VAC (US/Japan Plug)
PS000150A11	TLK 100 Micro USB Wall Charger, 5W 100V-240V (US Plug)
PMLN7101	TLK 100 Six-Pocket Multi-Unit Rapid Rate Charger, 90V-264V (US plug)
PMLN7109	TLK 100 Single-Unit Rapid Rate Charger 5V/1A, 5W, 100V-240V (US plug)
CB000262A01	TLK 100 Micro USB Programming Cable
PMKN4294	TLK 25 Holster USB-C Charging Cable

ADDITIONAL ACCESSORIES

Compatible accessories not sold by Motorola Solutions.

AT6749A	Hands-Free (Complete Car Kit)
AT6750A	Hands-Free with Lock (Complete Car Kit)
AT3069A	Advance Communicator
AT6088A	TLK 100: 12 Bay Battery Charger
HKLN4690	TLK 110 Battery Cover
AT6751A	Mobile Radio Charger Kit

AUDIO ACCESSORIES

WAVE two-way radio audio accessories are designed for lasting comfort and improved device performance. In-line microphones and prominent push-to-talk features provide easy hands-free communication.

PMLN8298	WP300 Wireless Bluetooth Control Pod with PTT Button
PMLN8077	Single Pin Over-the-Ear Earpiece for WP300 Bluetooth Control Pod
PMLN8125	Single Pin Short Cord Earpiece for WP300 Bluetooth Control Pod
PMLN8190	TLK 100 1-Wire Clear Tube Earpiece, 2.5mm Straight Single Pin for WP300 Bluetooth Control Pod
PMLN7189	TLK 100 Swivel Earpiece with In-Line Microphone and Push-To-Talk
PMLN7156	TLK 100 Mag One Earbud with In-Line Microphone and Push-To-Talk
PMLN7157	TLK 100 2-Wire Surveillance Kit with Translucent Tube, Black
PMLN7158	1-Wire Surveillance Kit with In-Line Microphone and Push-To-Talk, Black
PMLN7159	Adjustable D-Style Earpiece with In-Line Microphone and Push-To-Talk, Black
RLN6242	Low Noise Kit with Translucent Tube and 1 Clear Rubber Eartip
5080384F72	Replacement Foam Plugs for RLN6242. Noise Reduction = 24dB. Pack of 50 pairs.
RLN6282	Replacement Standard Clear Rubber Eartip for RLN6242. Pack of 50.
PMLN8537	TLK 25 Earpiece

ANTENNAS

Outfit your WAVE two-way radio with a high-efficiency stubby antenna. Colored antenna ID bands are available for easy customization.

HKAN4002	TLK 100 Stubby Antenna - US
HKAN4005	TLK 110 Stubby Antenna
32012144001	Gray Antenna ID Band (pack of 10)
32012144002	Yellow Antenna ID Band (pack of 10)
32012144003	Green Antenna ID Band (pack of 10)
32012144004	Blue Antenna ID Band (pack of 10)
32012144005	Purple Antenna ID Band (pack of 10)



TLK 150 mobile two-way radio accessories



PUSH-TO-TALK SOLUTIONS	
Make communicating easier and safer with these optional accessories from a simple PTT microphone to a complete hands-free solution.	
PMMN4129	Wideband Compact Mobile Microphone
GMMN4065	Visor Microphone
RLN4856	Remote Mount Footswitch Push-to-Talk
RLN4857	Remote Mount Pushbutton Push-to-Talk
PMMN4127	Bluetooth Remote Speaker Mic (WM500)
RLN4836	External PTT with Emergency Footswitch



EXTERNAL SPEAKER	
Boost audio at your workstation or in your vehicle.	
AC000240A01	Wideband External Speaker, 16 W

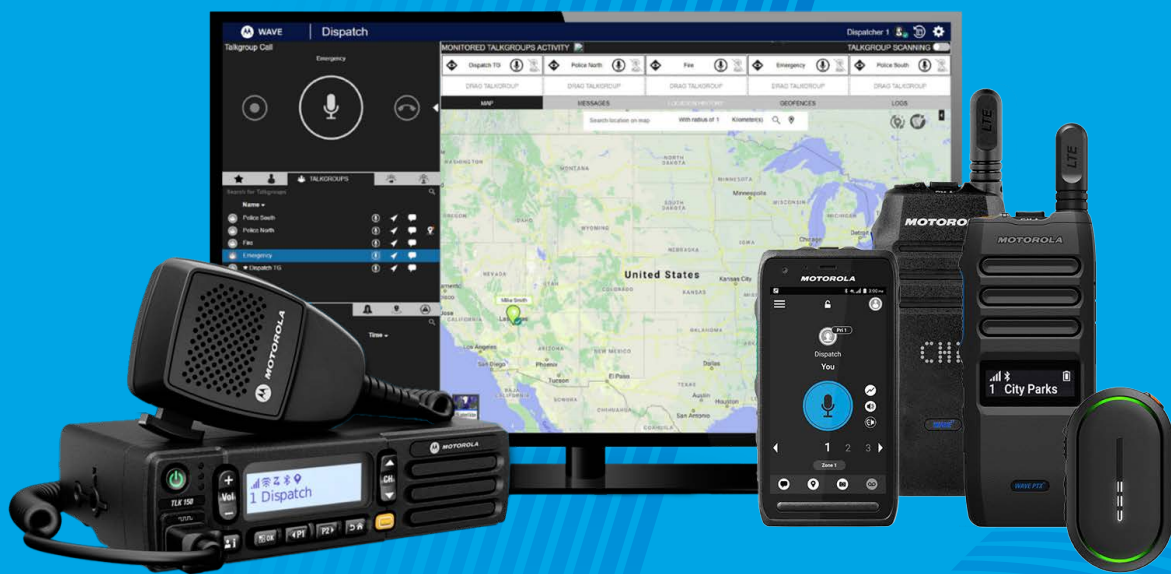


MOUNTING ACCESSORIES	
Choose where to mount the radio without compromising safety. Extend the value of your previous purchases by using XPR 2500 mounting kits	
RLN6466	Low Profile Trunnion Kit
RLN6467	High Profile Trunnion Kit
RLN6468	Key Lock Trunnion Mount
FTN6083	In-Dash Mounting Kit - DIN

CABLES AND ACCESSORIES	
HKM4137	Mobile Power Cable 10 FT, 14 AWG, 15A
PMLN8153	PS Adaptor and Cable
HLN9327	Ignition Sense Cable
HLN9457	16 Pin MAP Connector Kit

ANTENNAS	
AN000359A01	GNSS Dash Mount Antenna
AN000358A01	LTE Antenna

Service plans





WAVE PTX mobile app

Turn your phone into a PTT handset and get instant communication at the touch of a button.

Monthly subscription with your device.



WAVE PTX PC dispatch

Log-in from any internet connection and manage your mobile workforce from anywhere.

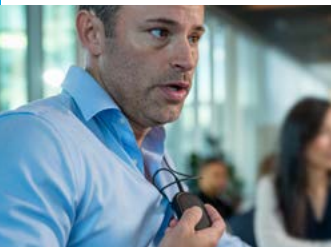
Monthly subscription with your device.



TLK 25 - LTE + Wi-Fi WAVE wearable device

Communicate and operate confidently with a wearable WAVE PTX device on a nationwide network.

Monthly subscription or 30-month contract.



TLK 25 - Wi-Fi WAVE wearable device

Communicate and operate confidently with a wearable WAVE PTX device on your own network.

Monthly subscription with your device or 30-month contract with our device



TLK 110 WAVE two-way radio

Get the benefit of WAVE PTX with a rugged handheld two-way radio on a nationwide network.

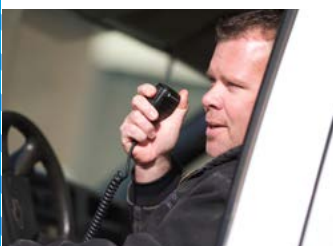
Monthly subscription with your device or 30-month contract with our device



TLK 100 WAVE two-way radio

Get the benefit of WAVE PTX with a rugged handheld two-way radio on a nationwide network.

Monthly subscription with your device or 30-month contract with our device



TLK 150 WAVE two-way radio

Get the benefit of WAVE PTX with a rugged handheld two-way radio on a nationwide network.

Monthly subscription with your device or 30-month contract with our device

WAVE PTX is a Software as a Service (SaaS) offering that doesn't require any advanced set-up or quoting. There is multiple subscription types such as: Base & SafeGuard packages, WAVE PTT app, dispatch, two-way radio, wearable device, LMR Interop add-on, and streaming video add-on.*

Base package

Device Included
Group and Private PTT calls
Real-time presence
Do not disturb
Priority talkgroup scan
PTT lock/unlock
Background calling
Voice message fallback

SafeGuard package

All Base features plus:

Emergency calling and alerting
Emergency source identification
MOTOTRBO Interoperability
Large Talkgroups
Dynamic Location-based talkgroups
Discreet Listening
Ambient Listening
Remote User Check
Remote Talkgroup enable/disable
Worker Safety (Lone Worker, Person Down)
Orchestrate Integration
API Integrations

Optional add-ons

LMR Interoperability
Streaming Video

*All prices are subject to change without notice.

Optional add-ons & ecosystem connections



WAVE PTX **LMR interoperability**

By connecting the WAVE PTX™ Radio Gateway with service to your existing two-way radio network you can bridge talk groups and extend the range of your radio system.

Monthly subscription



WAVE PTX **streaming video**

WAVE PTX Streaming Video increases clarity and improves situational awareness, resulting in faster, more accurate communication in the moments that matter.

Monthly subscription



WAVE PTX **SafeGuard package**

The SafeGuard Package provides WAVE PTX users with an extensive array of MCPTT-based features for mission essential communications when professional mobile radio is not an option.

Monthly subscription



WAVE PTX **seamless voice handover**

Seamless Voice Handover maintains your MOTOTRBO™ radio voice communications by automatically switching to broadband when your LMR signal fades then back again when you return to coverage.

Monthly subscription



WAVE PTX **MOTOTRBO Wi-Fi backup**

With the Wi-Fi Backup feature, your team members can stay connected using your existing Wi-Fi network when their MOTOTRBO radios are out of their LMR coverage range.

Monthly subscription

WAVE™PTX SafeGuard package

Add the SafeGuard package to your existing WAVE PTX device, radio, or mobile & dispatch applications to gain MCPTT features that help enhance user safety, improve situational awareness and increase operational efficiency. Below are just a few of the most popular features.

Emergency calling and alerting

With the push of a button, users can initiate an emergency call to reach the right resource for assistance.



MOTOTRBO interoperability

Lets you connect MOTOTRBO push-to-talk radio users quickly and easily with WAVE PTX users.



Large talkgroups

Get up to 3000 Talkgroups with the WAVE PTX SafeGuard package..



Dynamic location-based talkgroups

Adds/removes members from a talkgroup as they enter or leave a defined geographic area.



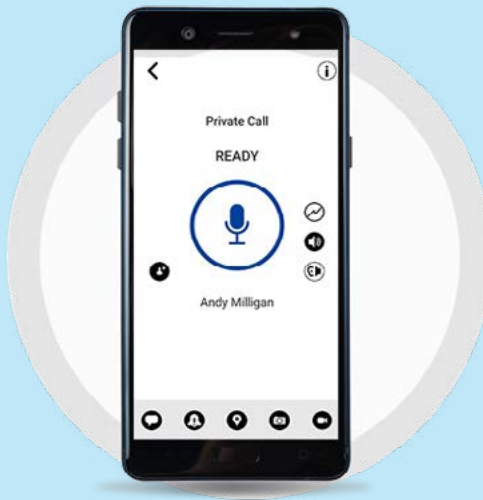
Worker safety (lone worker, person down)

This feature does not require users to press buttons or place calls during an emergency.



Discreet listening

Permits dispatchers and supervisors to monitor PTT calls between a targeted user and other callers.



Base package or SafeGuard package: which is right for your needs?

WAVE PTX package tier comparison

Add the SafeGuard package for advanced emergency calling, remote monitoring, and location-based communications needed to keep workers connected, informed and safe.

Features	Base package	SafeGuard package
Group and private PTT calls	✓	✓
Groups under 250 users	✓	✓
Real-time presence	✓	✓
Do not disturb (standard mode only)	✓	✓
Priority talkgroup scanning	✓	✓
PTT lock/unlock	✓	✓
Broadcast calls	✓	✓
Background calling	✓	✓
Voice message fallback	✓	✓
Geolocation (report only)	✓	✓
Instant personal alert (IPA) ⁽¹⁾	✓	✓
Emergency calling and alerting	✗	✓
Emergency source identification	✗	✓
MOTOTRBO and RoIP interoperability ⁽²⁾	✗	✓
Large talkgroups (250 to 3000 users) ⁽³⁾	✗	✓
Dynamic location-based talkgroups	✗	✓
Discreet listening	✗	✓
Ambient listening ⁽⁴⁾	✗	✓
Remote user check	✗	✓
Remote talkgroup enable/disable	✗	✓
Worker safety (lone worker, person down) ⁽⁵⁾	✗	✓
Orchestrate integration	✗	✓

(1) Instant Personal alerts cannot be initiated from TLK devices, can only initiate from the mobile app. TLK's can receive the alerts.

(2) MOTOTRBO Interoperability with Base Package is supported using the LMR Interop Add-On only for TLK100, 110 and 150, Dispatch and Mobile apps. TLK25 interop is only supported on the SafeGuard package."

(3) Large Talkgroups have a large capacity impact, as such Motorola Solutions provides 3 large talkgroups for 3000 users by default on SafeGuard Package. If more are needed at lower numbers, please contact us with your request.

(4) Ambient Listening support is device dependent - iOS devices do not allow ambient listening * Some of the features listed above are only supported on smartphone devices. Some are partially supported by TLK devices due to lack of a screen. Please refer to the TLK user guides for more details on specific features.

(5) Available on TLK110 and TLK25 devices only

Add-on features

WAVE PTX streaming video

View events and activities as they happen

An optional service, the Streaming Video feature allows WAVE PTX broadband PTT mobile users to push live H.264 video, with audio, from their device's integrated camera(s), which results in faster, more accurate communication in the moments that matter.

- Continuously stream live video to other users, dispatchers, or talkgroups
- Simultaneously stream video and initiate/receive PTT calls
- Request streaming video from other users (dispatchers only)

Increases clarity and improves situational awareness

By integrating streaming video in a single push-to-talk application, originators have a tool that brings the robustness of face-to-face communications to remote communication.

Because recipients see what they are seeing, originators can combine video and voice in a single, instantaneous communications session to increase the speed and efficiency of their communication.

The optional Streaming Video feature allows WAVE PTX broadband PTT mobile users to push live H.264 video, with audio, from their device's integrated camera(s). The streaming video recipients can be any assigned contacts or groups that are capable of receiving video calls. Each video session can have just a single originator, and each participant can have only one active video call at a time.

View events and activities as they happen

How many times has someone said, "if they could only see what I see" when trying to convey verbally to another person what's going on around them? That's because using words to paint a mental image of what's happening at that moment can be a frustrating and time-consuming experience.

Whether someone is a shopping mall security guard watching a food fight grow, an HVAC technician experiencing problems with a new install procedure, or an EMT dealing with a critical patient, the ability to stream video in real time is the key to increasing the speed and clarity of their communications.



WAVE PTX LMR interoperability



Motorola Solutions offers LMR Interoperability that lets you to connect MOTOTRBO Push-To-Talk radio users quickly and easily with WAVE PTX users.

Get ready to expand your team communication reach, connect seamlessly and quickly across LMR and Wave PTX users without hefty upfront infrastructure costs.

Is your radio network holding you back from evolving your communication needs?

Extend two-way radio to broadband. Unify communications across radio and broadband users. Eliminate communication barriers and get seamless talkgroup communication between radio and broadband PTT users by connecting WAVE PTX™ to your MOTOTRBO™ or other land mobile radio (LMR) network.

When an incident happens, teams need to focus on the job at hand, not on their equipment. The Motorola Solutions technology ecosystem combines our products, automating operations to boost worker safety, effectiveness, and productivity.

- Connect a Land Mobile Radio (LMR) system to WAVE PTX™, allowing calls between networks.
- Connected to MOTOTRBO™ two-way radio networks.
- Extend PTT communication outside the coverage of the radio system.
- Expand communications to those who cannot or will not carry a two-way radio.
- Increase flexibility and choice to select the best technology and device for each user.

WAVE PTX SafeGuard package

Add the SafeGuard package to your existing WAVE PTX mobile applications, dispatch applications, TLK devices and radios to gain MCPTT features and LMR Interoperability that help enhance user safety, improve situational awareness, increase operational efficiency, and connect MOTOTRBO and non-MOTOTRBO push-to-talk radio users quickly and easily with WAVE PTX users.

WAVE PTX Emergency Calling

Quickly Communicate Immediate Danger

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. Authorized users and dispatchers can also originate emergency calls on behalf of specific users, participating in the call in case of a life-threatening situation.

Compliant with the 3rd Generation Partnership Project (3GPP) Mission Critical Push-to-Talk (MCPTT) standard, Emergency Calling and Alerting from Motorola Solutions makes it possible for those in immediate danger to quickly communicate with the individuals or groups who can provide assistance. With the push of a button, users can declare an emergency to ensure that all broadband PTT communication is immediately routed, with the highest priority, to the designated individual or group. The result is enhanced worker safety, particularly for those working alone.



WAVE PTX Wi-Fi Backup

Stay connected over Wi-Fi even when out of radio coverage area

Expand your MOTOTRBO digital radio system, or enable a new one, with a cost-effective option for overcoming radio signal barriers — such as in basements, older construction, or buildings in low-lying areas—that can prevent communication.

Expand your MOTOTRBO digital radio system, or enable a new one, with a cost-effective option for overcoming radio signal barriers — such as in basements, older construction, or buildings in low-lying areas—that can prevent communication.

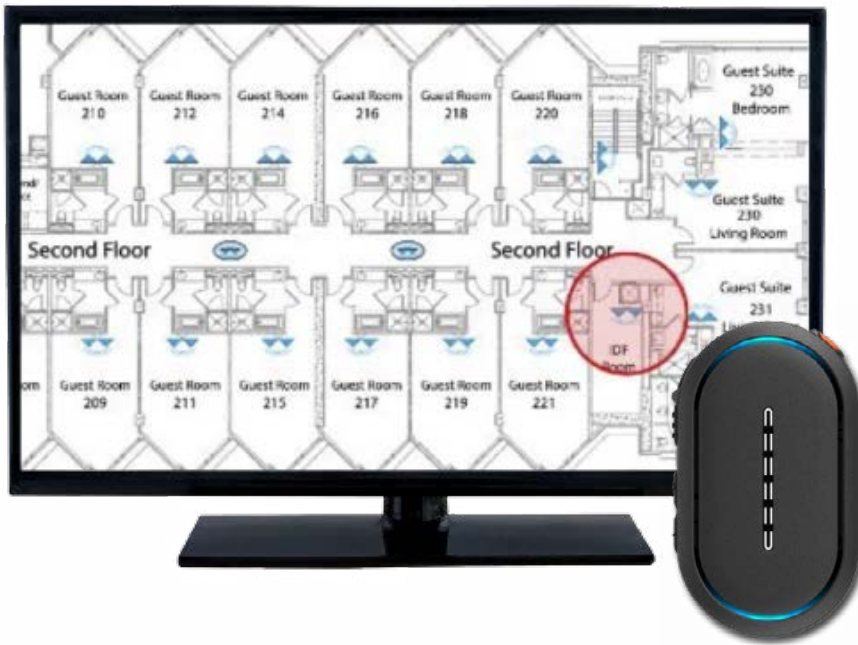
Expand your MOTOTRBO digital radio system, or enable a new one, with a cost-effective option for overcoming radio signal barriers that can prevent communication. With the Wi-Fi Backup feature, powered by MSI's WAVE group communications service, your team members can stay connected using your existing Wi-Fi network when their radio is out of its coverage range.

WAVE PTX Wi-Fi Backup enables Motorola Solutions MOTOTRBO radios to be programmed to switch between radio mode and WAVE PTX mode to connect to the internet via your WiFi network.



TLK 25

Precise indoor location



Streamline panic responses and protect your people

Take emergency management one step further and integrate TLK 25 with Location Tech to gain precise indoor location capabilities. When a user presses the device's emergency button, Location Tech will automatically share their exact location with selected personnel.

Features of the location tech integration

Precise indoor location

Identify the location of an emergency with room-level location tracking.

Mass notification

Quickly notify all users of emergencies with SMS and email alerts.

Optional mapping

View maps of your site and plan emergency workflows.

Streamline panic responses

Trigger

Employee encounters an emergency situation and triggers their emergency button.

Scan

Device scans for nearby Bluetooth beacons and sends location information back to the identification server.

Notify and report

Mass notification is sent via SMS and email. The dashboard map highlights the room or location where the alert is coming from.

Safety & Security Ecosystem



Motorola Solutions Safety & Security Ecosystem

Motorola Solutions builds

MSI builds the best possible technologies across every part of the safety and security ecosystem to help protect people, property and places.

It's critical communications that perform in the harshest conditions and are proven to help people stay connected. It's video security powered by responsibly-built AI that can focus attention when action is needed. And it's command center technologies that enable the ability to unite voice, video and data in a single command center view, to make decision-making faster and more accurate. And these technologies are all bolstered with managed and support services, providing an 'always-on' rigor to keep technology secure, optimized and current.



Motorola Solutions builds

MSI connects public safety agencies and enterprises, enabling the collaboration that's critical to connect those in need with those who can help.

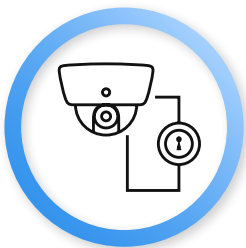
Because when people can work together, we're solving for safer communities, safer schools, safer hospitals, safer businesses – safer everywhere.



Technology is no different.

Motorola Solutions is connecting technologies and people in one ecosystem, enabling a new kind of safety.

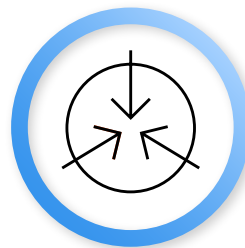
Motorola Solutions safety and security ecosystem supports the four operational phases of managing everyday events or emergency incidents:



Step 1: Detect

Know what's happening

- Video security
- AI-powered analytics
- Access control



Step 2: Analyze

Gather insights quickly

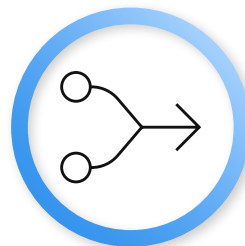
- AI-powered analytics
- GPS real-time location
- Command center software



Step 3: Communicate

Connect and inform the right people

- Panic buttons & mass notifications
- Dispatch software
- Radio and broadband-enabled devices

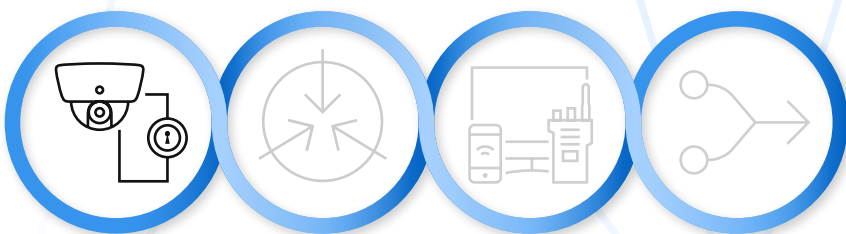


Step 4: Manage

Coordinate and manage effectively

- Body cameras
- Video security & interoperable communications
- Records and evidence management

Detect



Know what's happening

View across vast areas, identify anomalies and threats, secure entry points

View across vast areas

Specialized fixed cameras can see through dark nights and inclement weather providing visibility across vast areas, augmented by built-in self-learning analytics that can learn their surroundings to identify anomalies and enable better awareness and protection 24/7.

Identify anomalies and threats

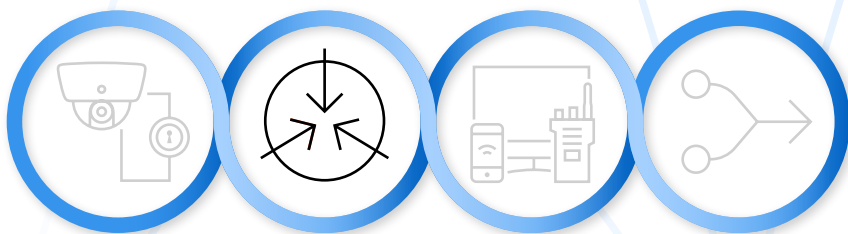
AI-powered video analytics can detect banned individuals or license plates, brandished or concealed weapons, deliveries arriving on property or unusual activity like loitering or driving in the wrong direction, sending detailed information to alert staff and inform essential actions.

Secure entry points

Access control systems can secure entry points and automatically alert when doors are propped open or breached, complemented by video footage to see who's on site and know what's happening in real time or in the past.



Analyze



Gather insights quickly

Accelerate actions, locate resources, see in a single view

Accelerate actions

AI-powered analytics can filter video footage to highlight what's important according to defined triggers or characteristics, helping to rapidly locate an individual, object or atypical activity in real-time and enabling the insights to anticipate what's next, prevent an event or accelerate response.

Locate resources

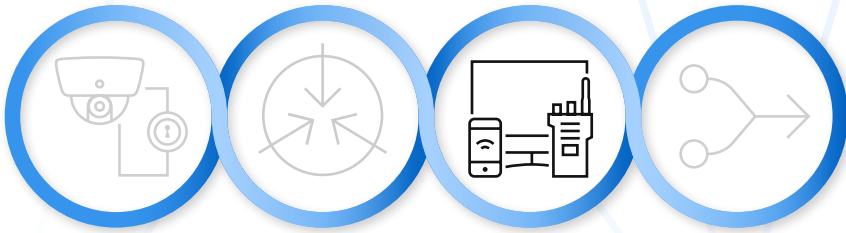
GPS real-time location can show the closest resources on a map, including personnel and assets, helping to locate inventory, recognize hazardous situations or enable a safer and more efficient response to manage situations with greater confidence.

See in a single view

Command center software can aggregate various video feeds, including fixed, mobile and body cameras, offering multiple perspectives in a single view for better operational understanding and actionable perspective.



Communicate



Connect and inform the right people

Broadcast mass notifications, centralize dispatch and media management, communicate across teams and technologies

Broadcast panic alerts and mass notifications

Panic buttons and mass notifications can send emergency and operational notifications via text, email and voice to critical stakeholders, including local law enforcement, other personnel and community members, immediately raising emergency alarms, enabling critical information sharing and accelerating response coordination - for both planned events or crisis scenarios.

Centralize dispatch and media management

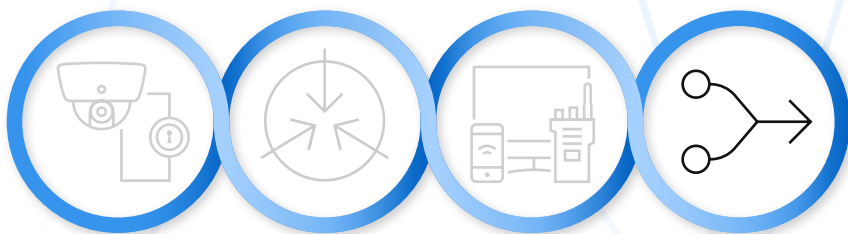
Dispatch software from a single desktop application can streamline voice communications and share data such as live video and multimedia across multiple devices and networks, helping to ensure public safety agencies, enterprises and communities have the right information to take actions with greater focus, accuracy and speed.

Communicate across teams and technologies

Radio and broadband-enabled devices can share voice and multimedia across networks and devices, including radios, smartphones and laptops, enabling the interoperability and reach to keep disparate teams quickly and dynamically connected and informed.



Manage



Coordinate and manage effectively

Protect personnel, inform incident response, optimize records and evidence

Protect personnel

Body cameras can capture and share live video evidence and location, sharing first-hand perspective, offering an objective record of truth, deterring aggression and providing rich insights that can improve operational procedures, efficiency and safety for all.

Inform incident response

Video security can provide eyes-on-scene and interoperable communications can share incident data and enable voice connectivity, helping to ensure responders and command/operations centers are informed and maintain situational awareness en route, during and after an incident.

Optimize records and evidence

In-field reporting applications can collect and upload data such as images, audio and video files into a centralized record and evidence management system, enabling the ability to automatically tag, securely store and digitally share documents, reports and multimedia, to save time and double-handling while enhancing evidence completeness and accuracy.



WAVE PTX™

Ecosystem connections





CommandCentral Aware Enterprise

Map personnel and incidents in one complete operating picture

WAVE PTX integration with CommandCentral Aware Enterprise adds data integration to voice interoperability to enhance operational awareness. From one map display, you can access location, presence, and other data, regardless of location or network for both MOTOTRBO and WAVE PTX devices.

What is CommandCentral Aware Enterprise?

CommandCentral Aware Enterprise aggregates and integrates streaming video, real-time alerts, advanced data analytics, personnel and device tracking, records information, and more into a single, intuitive interface. Aware Enterprise improves outcomes by helping streamline incident response with informed decision-making and documenting past incidents to prevent incidents from becoming tragedies.

See MOTOTRBO and WAVE PTX device locations on single map

From one map display, you can track the location and status of all personnel, regardless of location, network, or device. You can also set the reporting cadence and get alerts to emergencies. The net result is improved visibility into field operations and accelerated time to “x” – awareness, decision, and response.

- Customize map views with GIS Datasets, Esri, Google, KML, AccuWeather, traffic, and indoor floor plans.
- Set rules for map display and automate actions.

Track device locations in real time, set reporting cadence, get alerts to emergencies. Customize display to show layers and/or responsibility, users by department or function.

- View 90-day history of device locations, including breadcrumbed routes.
- Draw geofences for alerts when devices enter or leave defined areas.

Ensure that your teams see pertinent information of personnel equipped with MOTOTRBO radios and WAVE devices at any moment with customizable map data layers to prioritize information on the map. For example, view camera locations, CAD incidents, personnel status via GPS device location, and alerts from a single position – organized the way you work. Or incorporate other Esri-based map layers from your operations for enriched spatial orientation such as property boundaries, landmarks, buildings, and asset locations. Add streaming and stationary weather layers for enhanced visual awareness. These typically disparate sources of data can be viewed simultaneously on one map with an activity monitor, providing you with a complete operating picture of any incident.



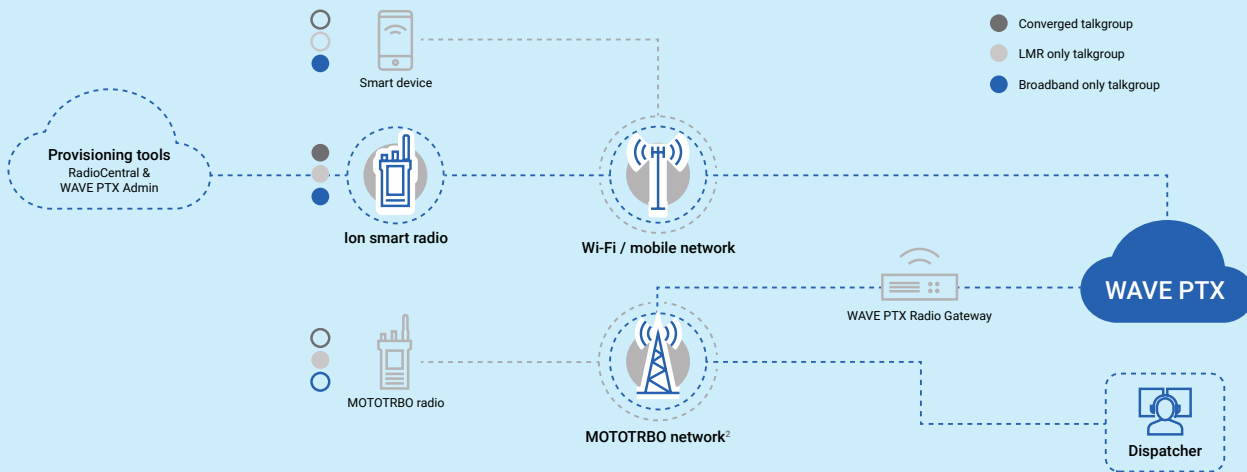
WAVE PTX ION seamless voice handover

Voice communication across networks

Your MOTOTRBO™ DMR radio system is designed for excellent coverage, but there are times when you need to go beyond the boundaries of the network, without losing your vital connection.

Seamless Voice Handover maintains your voice communications by automatically switching to broadband when your radio signal fades, then back again when you return to coverage on your MOTOTRBO ION radios.

MOTOTRBO ION broadband-LMR integration



The handover requires no user intervention. Ion will intelligently switch between DMR and broadband depending on user preferences and signal strength, maintaining functionality and voice quality. Authentication, status, talkgroups, and encryption are all preserved, without interruptions or resets. Handover received signal strength indicator threshold can be configured through RadioCentral™, but DMR is always prioritized. Talkgroups are configured individually to enable or disable Seamless Voice Handover. The system can support up to a maximum of 200 simultaneous calls.

Benefits

- Radio users can stay connected to the radio network even when they are outside radio coverage.
- No special behavior or commands are required: Handover is automatic.
- Automatically mitigate dead zones on- and off-site.
- Consistent voice quality and loudness between networks.

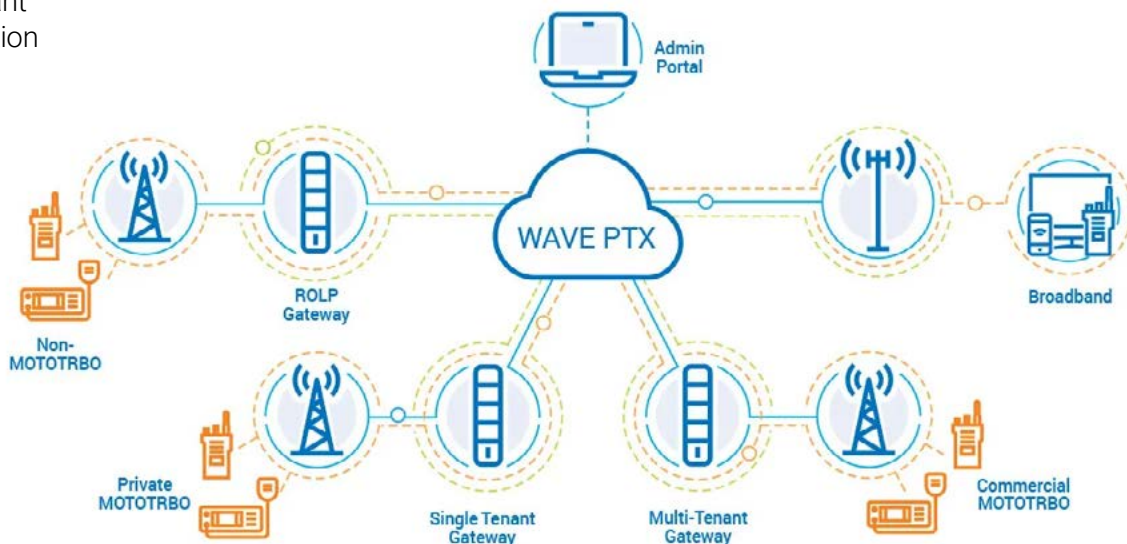
WAVE PTX wireless gateways for LMR

Expand your coverage nationwide with wireless gateways

By connecting a radio gateway to your existing two-way radio network and to the MSI WAVE PTX service you can bridge talk groups and extend the range of your radio system.

Motorola Solutions offers multiple advanced Wave Radio Gateway Interop options:

- Single Tenant
- Multi-Tenant
- RoIP Solution



Motorola Solutions offers multiple advanced Wave Radio Gateway Interop options to seamlessly enable private calls, groups calls, emergency calls and alerts between LMR and Wave PTX Users.

When you upgrade your WAVE PTX subscriptions to include LMR Interoperability, you can expect to enjoy the following services from your WAVE PTX devices.

- Stay connected when outside your LMR coverage areas
- Bring non-radio users into the conversation
- Leverage the equipment you already own
- Talkgroup/ User IDs shared
- Group calls & private calls
- Alias / caller ID
- Emergency calls/alerts
- Single gateway, multiple concurrent conversations





Orchestrate

Configure your technology.
Automate workflows.
Manage operations.

Time is precious. Managing the communications, video and software that comprise your security technology ecosystem can be a challenging task. What if there was a way for you to focus on what matters most and automate the rest?

That's why Motorola Solutions created Orchestrate.

It's a simple interface tool that allows administrators to configure automated, connected workflows across their Motorola Solutions ecosystem. These intelligent workflows enhance efficiency by improving response times, effectiveness and personal safety, so you can maximize every second.

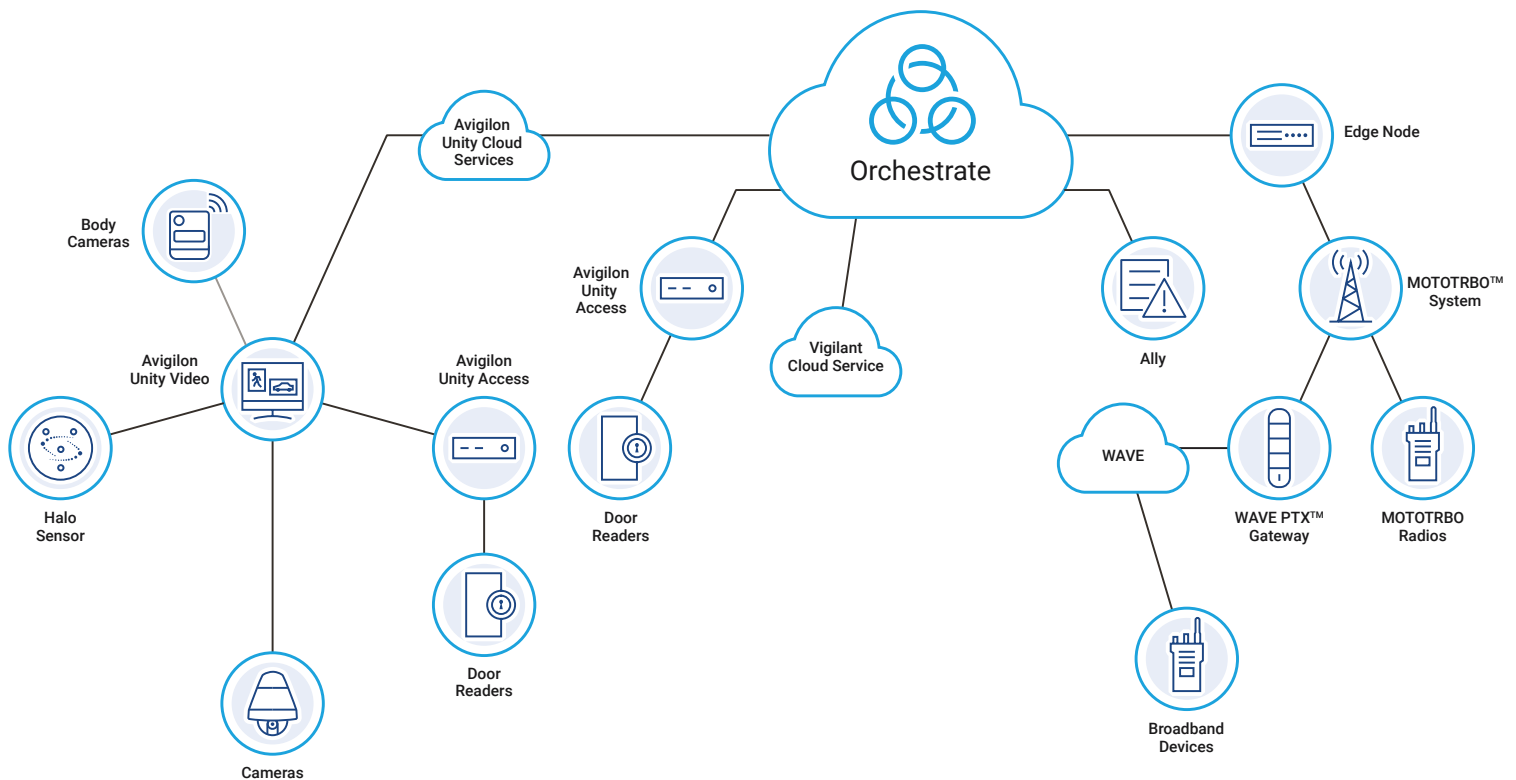
It equips security network operations teams with the capability to detect triggers across multiple installed devices, so they can quickly reduce risk and downtime in response. By automatically alerting teams and executing procedures, Orchestrate makes maintaining your day-to-day operations effortless.

Key features

- Connected workflows
- Automated service
- Self-service portal

Orchestrate improves your operations' situational awareness ability to immediately respond with the appropriate actions. You can directly alert necessary personnel with real-time visibility to events, enable access to automated responses, and more. Through security triggers like immediately unlocking/locking doors, enabling/disabling access cards, and opening/closing perimeter gates, your security system is intelligent and tailored to your needs. Receive automatic alerting in response to unknown or unwanted vehicles on your property with reusable, standardized workflows, so you can meet your organization's needs efficiently.

Orchestrate technology ecosystem



Built-in security from the start

Our philosophy is that security needs to be injected into every phase of development and integration, with understanding and oversight into cybersecurity risk and mitigation options. Our adherence to the Software Development Lifecycle (SDLC) underscores our commitment to maintain and provide up-to-date standards, approved frameworks, checklists and guidance that can be followed all the way through the development lifecycle and beyond.



WAVE PTX™

Industry insights

Construction

Smartphones aren't built for construction sites

Workers need a tough device that can withstand dirt, dust, and falls; the ruggedness of TLK Series radios provide an ideal communications solution for construction. Whether the next job is across the street, across the city, or across the country, these radios are ready to work wherever you are.

TLK series radios: jobsite tough

Smartphones aren't built for construction sites. Workers need a tough device that can withstand dirt, dust, and falls; the ruggedness of TLK Series radios provide an ideal communications solution for construction. Designed to perform in harsh working environments, regardless of rain, dust, extreme temperatures, or the occasional drop, TLK Series radios offer loud, clear audio in any environment.

Whether the next job is across the street, across the city, or across the country, these radios are ready to work wherever you are. Employees can travel from the jobsite to the road to the office, without losing instant connection to their teams. Plus, with the WAVE PTX SafeGuard Package, dispatchers can create talk groups based on location, so you can communicate with exactly the people you need to without constantly interrupting those you don't.

Now workers can easily coordinate deliveries of equipment and supplies, quickly get an answer from headquarters, or instantly conduct an ad-hoc discussion with everyone on-site, even when using heavy gloves. With one device that can do everything your workers need, you can streamline your technology and do away with the complexity of using multiple devices during the workday.

TLK 110

The TLK 110 features advanced AI-backed noise suppression technology to reduce transmitted background noise, delivering more audible and clearer communications. For even louder environments, the TLK 110 is compatible with a range of audio accessories to further improve hearing upon reception.

Expand users and extend coverage

Do you need the ability to communicate with existing on-site radio systems from anywhere in the country? Upgrade your WAVE PTX™ subscriptions, allowing the ability to connect your MOTOTRBO system to either WAVE PTX™ smartphone users or Motorola's WAVE Nationwide Network.



Education

Connect your school's personnel at the push of a button

WAVE PTX™ offers instant, reliable push-to-talk over cellular (PoC) communication solutions that excel at helping keep your students and staff safer, tracking bus fleets accurately, and improving overall efficiency — with flexible options you can afford.

Advanced broadband push-to-talk solutions for education

We know that school districts are constantly being pressed to boost student safety and increase staff efficiency on an ever-shrinking budget. WAVE PTX™ offers instant, reliable push-to-talk over cellular communication solutions that excel at helping keep your students and staff safer, tracking bus fleets accurately, and improving overall efficiency — with flexible options you can afford.

Connected education: next-generation push-to-talk for connecting school districts and teachers

Just as education has evolved to be more productive and safer, wireless technology solutions have transformed to meet the growing needs of schools. WAVE PTX™ is the next-generation wireless communication solution for Education. WAVE PTX™ push-to-talk is a group communication service that connects your school's staff at the push of a button across different networks and devices nationwide. Now the principal at a convention or the administrator away from campus can talk on their smartphones with radio users at school.

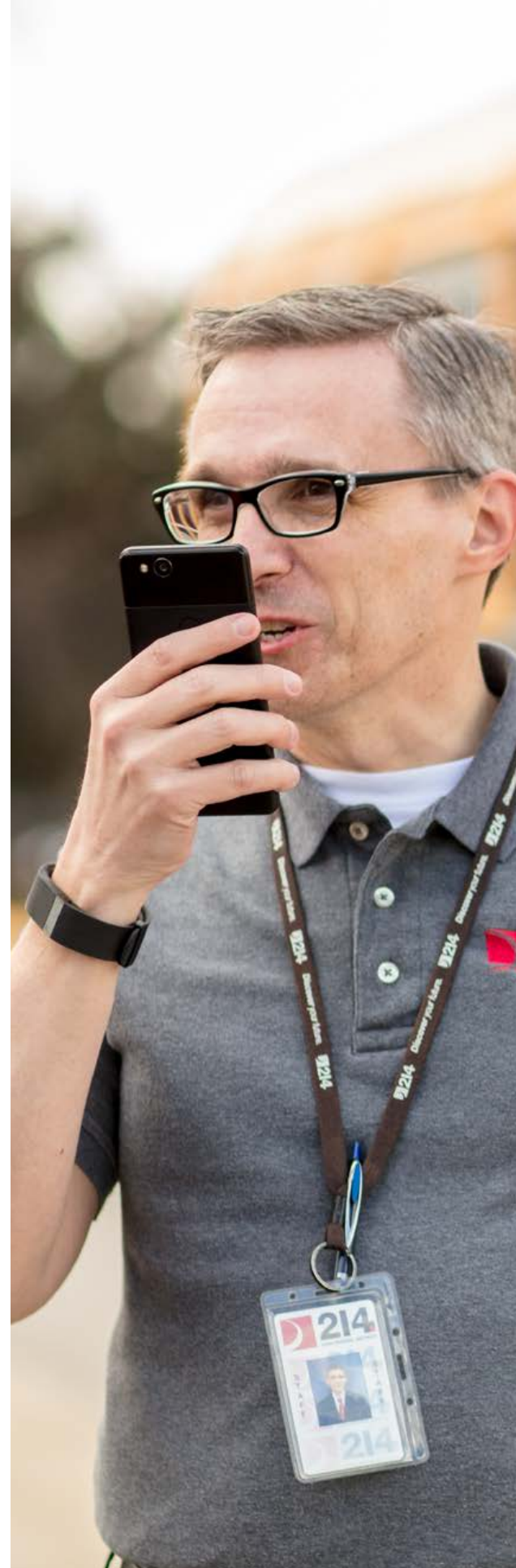
Now you can connect your school's personnel at the push of a button virtually everywhere and on almost any mobile device. Push-to-talk over cellular is the push-to-talk (PTT) voice service for mobile communications. If you still maintain a radio system, with WAVE™ PTT LMR Interoperability, you can have an all-in-one user interface designed for two-way radio users. WAVE PTX™ also provides dedicated emergency features for efficient, connected alerts and responses.

TLK 150 mobile radio

The TLK 150 keeps your buses in communication throughout the nation no matter if they are on your LMR system or out of range. Perfect for buses that need to travel for field trips or sports competitions outside the local area.

TLK 25 wearable device

The TLK 25 works with MOTOTRBO, smartphones, and TLKs. Connect different devices and staff: MOTOTRBO and TLK radios for teachers and maintenance teams, TLK 25 in areas with reliable coverage, such as front desks, offices, IT.



Healthcare

Advanced technology solutions for healthcare

Motorola Solutions integrated voice and data solutions help you manage facilities and maintenance personnel. Tasks can be fast-tracked to the right person and completed quickly.

Prioritize patients, protect sites

Healthcare operations are experiencing an epidemic of safety issues. They must care for the ill and injured inside their facilities while protecting patients, staff, and visitors from outside threats. Yet violent acts are becoming the norm, impacting almost 90 percent of hospitals. Whether it is an aggressive patient who needs to be subdued or a threatening visitor entering with a weapon, it is critical for hospitals to prevent incidents and resolve them quickly when they occur. Providers must put proper security measures and communication systems in place to handle crisis prevention and crisis management. When they do, safety is strengthened, and your organization can achieve better outcomes.

Motorola Solutions understands your challenges and provides advanced technology solutions for healthcare. Its integrated solutions can help you improve every day and emergency communications and enhance external collaboration with other providers and public safety. It is at the forefront of designing and supporting secure, reliable, resilient technology that transforms healthcare.

TLK 25 wearable device

TLK 25 is a lightweight purpose-built device that is a great fit for users who were hesitant to use radio in the past due to its size. It connects to existing Wi-Fi networks for easy deployment and reliable coverage and is IP67 rated: durable for chaotic environments and doesn't break with drops. Precise indoor location quickly locates devices, employees, and incidents.

MOTOTRBO™ Ion smart radio

The rugged MOTOTRBO™ Ion smart radio is the first business-ready communication device with all-on voice and broadband data capabilities.



Hospitality

Service is measured in seconds

Service in an instant. With WAVE PTX, TLK Series devices and radios, you can instantly connect with the front desk, housekeeping, security, and catering to check on reservations, coordinate private dining events, and a host of other expected and unexpected needs.

Improve guest and employee experiences

It takes a large, interconnected team to make hospitality operations function safely, efficiently, and smoothly. The front desk, housekeeping, security, catering, and others are in constant contact and need instant connection.

TLK 25 wearable device

TLK 25 is a lightweight purpose-built device that is a great fit for users who were hesitant to use radio in the past due to its size. The TLK 25 emergency button was designed to keep housekeeping connected and optional safe and precise indoor location tracking throughout venues. The TLK 25 can be used by staff with guest or customer-facing roles and operate without taking attention away from the guest. No external speaker will reduce noise disturbances for employees and guests.

TLK 110 handheld

The TLK 110 is a slim device for maintenance staff that is rugged enough to handle the job. It features advanced AI-backed noise suppression technology to reduce transmitted background noise, delivering more audible and clearer communications.

TLK 150 mobile radio

The TLK 150 keeps shuttles connected on the way back and forth to hotel and airport. Perfect for shuttles that need to travel for excursion groups that travel outside the local area.

MOTOTRBO™ Ion smart radio

The rugged MOTOTRBO™ Ion smart radio is the first business-ready communication device with all-on voice and broadband data capabilities. Leverage available Android apps to assist guests, all while communicating directly with staff through either their LMR or WAVE systems.



Manufacturing

Connect your manufacturing team seamlessly at the push of a button

Manufacturing facility teams and individuals can talk, text, or share video and multimedia files to work together more closely, boost efficiency and enhance productivity.

When production goes down, every second counts.

From goods inward, through stores, to the shop floor, and onward via outbound shipping, everything needs to connect seamlessly for a modern manufacturing facility to run smoothly. A single missing component or equipment breakdown can bring everything to a stop, reducing productivity and increasing costs. Efficient, reliable communications can keep everyone connected so they can collaborate effectively and get the job done.

With WAVE PTX, managers can stay in touch when they travel off-site, drivers can have temporary access to on-site communications when dropping off or picking up, and work teams can communicate instantly.

Install the WAVE PTX Mobile app on smartphones or deploy dedicated TLK Series devices and radios to keep everyone in touch. You can even connect WAVE PTX to a MOTOTRBO two-way radio network for integrated communications between smartphone and radio users.

TLK 110 handheld

The TLK 110 has no range limitations, meaning that different workplaces can communicate with each other, no matter the location. And, it is interoperable with smartphones, tablets, MOTOTRBO, and other TLK devices, so not only is it easy to incorporate into a company, but it can also assist in cross-device communication (i.e. smartphones, tablets).

The Evolve and ION Radio allow for both broadband PTT communication, as well as having the ability to view your facilities' video cameras and use business-critical applications to make managing your business easier.

MOTOTRBO™ Ion smart radio

The rugged MOTOTRBO™ Ion smart radio is the first business-ready communication device with all-on voice and broadband data capabilities. Leverage available Android apps and communicate directly with staff through either their LMR or WAVE systems.



Private security

Instant communication when it's needed most

Perhaps no industry requires instant communication more than security, where safety often depends on split-second decisions. With WAVE PTX and TLK Series radios, your security personnel have a tool that operates as fast and reliably as they do.

Security companies can be quick to respond

Motorola Solutions WAVE PTX™ is a network-independent broadband push-to-talk (PTT) subscription service that instantly connects your team across different devices, networks, and locations at the push of a button. Effortlessly link your security teams across town or across the country. You can see the real-time location of all resources, no matter their location, through the WAVE PTX Mobile application via smartphone or the Dispatch app.

The system can be easily expanded, so that wherever the next job is, an instant communication system is always ready to deploy. For example, at a large music festival, security personnel can immediately notify the medical tent of an emergency. Using real-time GPS data from the user's WAVE PTX device, medical staff can immediately send help to the exact location.

When undercover operations need more functionality, the WAVE PTX SafeGuard Package brings PTT and other essential features, such as emergency calling, remote user checks, and discreet listening to a smartphone or other device.

TLK 110 handheld

Security employees can access clear, reliable communications and key emergency features with the TLK 110 and the WAVE PTX SafeGuard package. Mitigate high-stress situations with emergency features like Lone Worker, Fall Alert and the TLK 110's dedicated emergency button. And, with AI-backed noise suppression and broadband PTT, the TLK 110 provides instant, intelligible communication for security teams to successfully work and manage high-stress situations.

WAVE PTX mobile app

Turn your phone into a PTT handset and get instant communication at the touch of a button. The WAVE PTX app is one application with two modes, multimedia messaging, and location and mapping.

- One application and two modes
- Multimedia messaging
- Location and mapping



Retail

Solving for safer and more efficient retail operations

WAVE PTX helps create a positive shopping experience for your customers with well-informed and coordinated staff. Improve communications to create real-time flow of information and turn shoppers into loyal brand advocates.

Win big with digital retail communications

Retailers are under greater pressure than ever. They must do more with less on tight margins while they evolve their technologies. Their staff must be well-informed and well-coordinated in their stores, armed with the right information to satisfy customers.

Whether it's a question about a product or a request for a different size, shoppers expect retail associates to be empowered with accurate answers and attentive service. Above all, stores need better technologies to deliver a seamless experience for shoppers to keep them coming back.

Connect staff to the right communications for real-time information

When retailers equip their stores with the right communications technology, they create a real-time flow of information between associates and managers. Rather than leaving a customer's side to search for inventory, staff can get the answers they need quickly and easily on the spot. If a spill occurs in an aisle, instead of broadcasting over an intercom or physically tracking down help, the right staff member can be alerted discreetly to resolve the problem.

Connect staff together instantly, clearly, and discreetly

TLK 25 wearable device

The TLK 25 has a slim profile that can be worn on lanyard, clip, or in a pocket. The device can also use wired earpiece accessories to manage calls and talk group switching through voice assistant. It is compact and discreet for better customer interactions on the sales floor or at the register. The TLK 25 has dedicated emergency features to strengthen loss prevention response and safety throughout entire stores. In addition, it offers QR Code accessible training: easy comprehension for high turnover roles. Evolve — Scan barcodes and receive alerts from Orchestrate when triggers happen, all while communicating with staff.



Transportation & logistics

Communications solutions that go the distance

The transportation industry is under an increasing amount of pressure to meet quick turn delivery schedules. Can your fleet keep up with the demand?

Faster delivery with Unified Communications

Connect your fleet with greater speed and efficiency using WAVE PTX. Traditional two-way radio coverage only covers your facility. TLK Series radios merge the power of wide-area mobile broadband with the simplicity and functionality of a PTT two-way radio, making them ideal for trucking, shipping, towing, and other transportation and logistics companies. WAVE PTX connects all employees' devices, from smartphones and TLK Series radios, to laptops and tablets.

Fleet management and delivery operations that go the distance

Companies can improve their efficiency by using PC Dispatch to not only track their users' locations, but also manage their communications.

WAVE PTX dispatch

Simplify day-to-day operations with WAVE PTX Dispatch. Log in from any internet connection and get access to all the communication tools you need to manage your resources and coordinate an effective operation. Regardless of location, with WAVE PTX Dispatch you're just a click away.

- Web-based dispatching
- Multimedia communication
- Location and mapping

Coordinate with your team instantly with WAVE PTX™

In today's workplace, most employees choose the smartphone they use for work, so it's crucial that you help them get instant communication with their co-workers, regardless of which devices they choose.

WAVE PTX™ (Push-to-Talk Service) is a group communication service that connects your team at the push of a button across different networks and devices nationwide.

WAVE PTX mobile app

Turn your phone into a PTT handset and get instant communication at the touch of a button. The WAVE PTX app is one application with two modes, multimedia messaging, and location and mapping.

- One application and two modes
- Multimedia messaging
- Location and mapping



WAVE PTX™

FAQs

WAVE PTX

What is WAVE PTX and how does it work?

WAVE PTX is a carrier-independent push-to-talk subscription service from Motorola Solutions that connects team members at the push of a button across different networks and devices. WAVE PTX uses the cloud to extend instantaneous private and group push-to-talk (PTT) communication to phones, tablets and PCs to help enterprises get more done faster. It eliminates the barriers between devices, networks and locations to let everyone be part of the conversation.

How do customers benefit from using WAVE PTX?

WAVE PTX enhances team communication by combining the speed and simplicity of PTT communication with the ability to share details via text, photos, videos, or documents, along with the extended reach provided by nationwide coverage. The result is increased efficiency, improved productivity and greater collaboration for organizations of all sizes.

What cellular network do WAVE TLK series devices and radios utilize?

Customers will not need to worry about subscribing to a specific carrier network. They will subscribe to Motorola Solutions' WAVE wireless service, which leverages the nation's best carriers for service. TLK Series devices and radios (TLK 25, TLK 100, TLK 110 and TLK 150) will only work with Motorola Solution's WAVE Wireless Service.

What subscription plans are available?

User subscriptions can be purchased on an annual or monthly basis, allowing organizations to add or remove users as their needs change.

WAVE mobile app

With which device operating system does the WAVE mobile app work?

The WAVE mobile app is compatible with most Android and iOS devices and can be downloaded from either the Apple or Google app stores.

Can talkgroups and contact lists be customized?

Yes. The WAVE portal allows customers to program and configure devices remotely.

Is there an administration tool available?

The WAVE PTX Administration portal, available in the WAVE Portal, is a web-based tool available from any Internet connection that allows customers to setup and manage accounts, add and remove users and manage talkgroups.

WAVE PTX dispatch

Is there a dispatch application available?

Yes. WAVE PTX dispatch is an easy-to-use web-based application that allows customers to keep in touch with teams and field personnel, wherever they are. WAVE PTX dispatch provides the communication tools, including group & individual multimedia communication, talkgroup monitoring, location mapping, and geofencing necessary to rapidly respond to incidents, events, customer requests and other situations that need immediate attention.

Can talkgroups and contact lists be customized?

Yes. The WAVE portal allows customers to program and configure devices remotely.

Is there an administration tool available?

The WAVE PTX administration portal, available in the WAVE portal, is a web-based tool available from any Internet connection that allows customers to setup and manage accounts, add and remove users and manage talkgroups.

WAVE TLK two-way radios

What is the WAVE two-way radio?

The WAVE two-way radios (TLK 100, TLK 110 and TLK 150) provide businesses with instant push-to-talk team communications over a nationwide LTE cellular network, with location reporting, Wi-Fi calling and a rugged design. These are a bundled solution which includes the device, cellular service and software (WAVE application),

and nationwide wireless data service. They are built specifically for the demanding needs of businesses with a geographically dispersed workforce.

Why is the device called a two-way radio if it works on a cellular network?

The (TLK 100, TLK 110 and TLK 150) devices have traditional two-way radio form factor and does not have telephony capabilities.

Can TLK radios be used as a Wi-Fi only devices?

No. While the radio can function without LTE coverage by connecting to Wi-Fi, it requires a service plan to operate. However, the TLK 25 wearable device offers a Wi-Fi only version.

How can I access emergency features for WAVE TLK two-way radios?

By purchasing a WAVE PTX Safeguard subscription, you will gain access to the TLK series (TLK 100, TLK 110 and TLK 150) emergency features. These include lone worker, man down/fall alert, ambient listening and emergency calling.

WAVE TLK devices

What is TLK 25 Wi-Fi?

TLK 25 Wi-Fi is the first Wi-Fi only, wearable communications device in the Motorola Solutions WAVE PTX portfolio. Designed for efficiency, it features a sleek form factor, intuitive voice assistant, key emergency features and WAVE PTX interoperability.

Which networks does TLK 25 wi-fi support?

TLK 25 Wi-Fi is compatible with your existing enterprise or personal Wi-Fi networks. It can operate on both 2.4 and 5 GHz Wi-Fi networks.

How can I access emergency features for WAVE TLK device?

By purchasing a WAVE PTX Safeguard subscription, you will gain access to the TLK 25 emergency features. These include lone worker, man down/fall alert, ambient listening and emergency calling.

Why do I have to use an earpiece with TLK 25 Wi-Fi?

To ensure discreet communications, the TLK 25 Wi-Fi does not have external speakers or microphones. Users can connect to a variety of audio sources for communication - TLK 25's included earpiece or any 3.5mm and Bluetooth 5.0 compatible accessories with a microphone.

WAVE PTX LMR interoperability

Does WAVE PTX support interoperability with land mobile radio (LMR) networks?

WAVE PTX supports wireline connectivity to MOTOTRBO Capacity Max, Capacity Plus, Connect Plus and IP Site Connect (multi-tenant gateway only) networks to eliminate the communication barriers between broadband and LMR users.



What is Motorola Solutions WAVE PTX?

Motorola Solutions WAVE PTX™ is a network-independent broadband Push-to-Talk (PTT) subscription service that instantly connects your team across different devices, networks, and locations at the push of a button.

Broadband PTT devices

Get the benefit of WAVE PTX with a rugged two-way radio on a nationwide network.

WAVE PTX mobile app

Turn your phone into a PTT handset and get instant communication at the touch of a button.

WAVE PTX dispatch

Login from any Internet connection and manage your mobile workforce from anywhere.



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