

A man with a beard, wearing a blue button-down shirt over a grey t-shirt, is holding a black Motorola Wave PTX radio to his mouth. He is looking upwards and to the right. The background is a blurred warehouse with high shelves. A decorative graphic of blue and orange diagonal lines is on the right side of the image.

BUYING GUIDE

# WAVE PTX™

Connect your team without the boundaries



**MOTOROLA** SOLUTIONS





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## Purchasing for professional communications

Business communications have moved beyond just voice calls. Your teams are working harder than ever to meet the rising challenges of their environment, and they're doing so across multiple devices. They're using not only two-way radios but also smartphones, tablets and PCs. If you want to improve productivity and workflows while maintaining employee and customer safety, then it's time to take your push-to-talk (PTT) solution further.

But overhauling pre-existing technology is costly, detailed and time consuming. Organisations need to be able to easily scale and improve internal technologies. And managing a workforce across different networks and devices in real time is essential. That's where WAVE PTX™ comes in: a network-independent broadband PTT solution that offers more than just voice and enables teams to work cross-organisationally, bringing them closer so everyone can be part of the conversation. It uses the cloud to extend two-way radio communication to smartphones, tablets, PCs and WAVE PTX radios, helping business and enterprise organisations work more efficiently and effectively. All within a fixed subscription that is easy to manage and keeps costs under control.

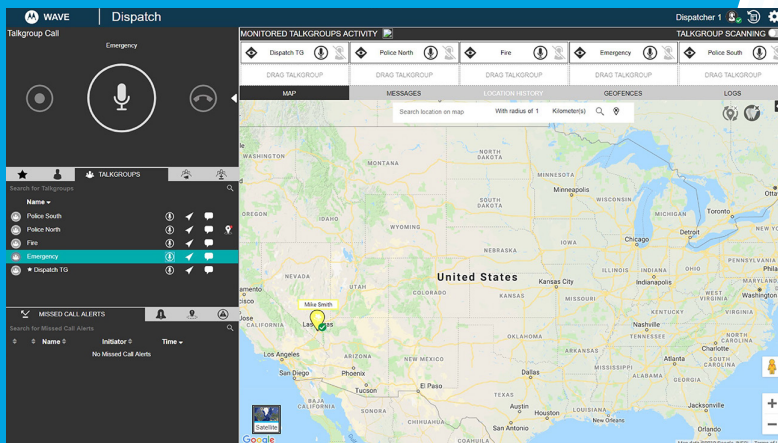
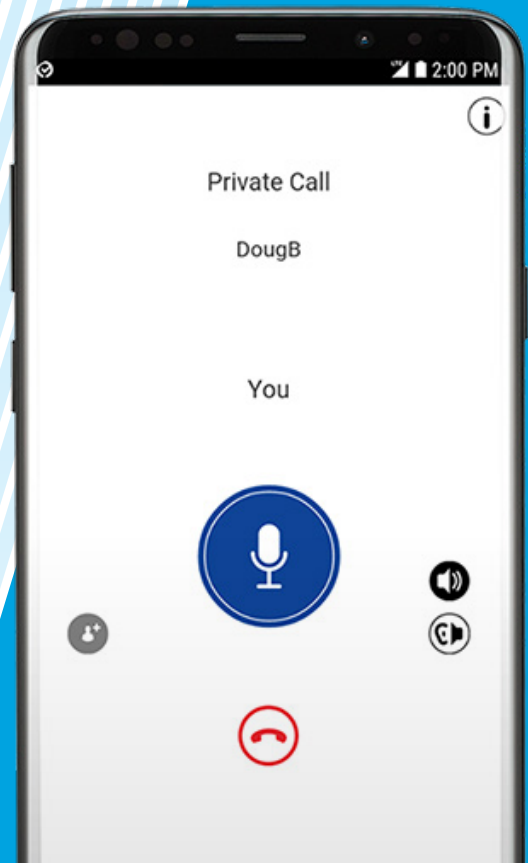


# Capabilities

## WAVE PTX mobile app

Nothing is faster than PTT, but you don't have to be limited to using just traditional two-way radios. In fact, you no longer need to be restrained by devices at all. Many teams are using multiple different devices and Motorola Solutions offers a way for you to communicate seamlessly across all of them.

You can turn your Android or iOS phone into a PTT handset with the WAVE PTX Mobile application and get instant communication anywhere you have broadband service. At the touch of a button, you can communicate and collaborate with individuals and teams across regions, meaning everyone is in the loop. With two display modes, you can tailor the app to suit your needs. And you don't have to use just your voice; push messages with text, video, images and file attachments all through the app.



## WAVE PTX Dispatch

Effective management of your resources comes from efficient coordination and reliable communication. WAVE PTX Dispatch simplifies day-to-day operations by allowing you to log in from anywhere with an internet connection and instantly get access to all the communication tools you need.

It is managed completely on-line through a standard web browser, freeing you to set up your operations anywhere. PTT is at the heart of WAVE PTX Dispatch with the ability to instantly connect with your teams at the push of a button. You can take your messaging a step further with text, photos, videos and files, ensuring your team has all the information they need. And keep track of them by viewing their location on the map, as well as searching for addresses and points of interest so you can plan ahead.







## WAVE PTX devices

Whether it's on a busy construction site or part of a cross-border transportation network, sometimes smartphones just won't cut it. You need rugged devices that are built for the job. The TLK Series radios and Evolve LTE handheld devices are designed to withstand the rigors of your industry and combine 3G/4G and Wi-Fi connectivity to provide fast and reliable broadband PTT communications.

Add your own SIM to the TLK radio to connect wherever your data package takes you. Alternatively, choose a TLK radio with embedded SIM and the data package is included in your WAVE PTX subscription. It will automatically switch to the strongest network available to ensure reliable communications and will seamlessly roam as the user moves between countries. And when cellular coverage drops, you can use Wi-Fi connectivity to stay connected. When workers need to focus on their tasks, the TLK Series is the ideal choice - it's designed specifically to enable effective communications between teams without unnecessary distractions. The TLK Series includes models designed for both handheld use or in-vehicle/desktop installation.

For workers who want more than just voice communications, the Evolve is a rugged LTE device with dedicated PTT controls and Android open platform architecture. Its intuitive user experience and seamless connectivity make it an ideal companion for WAVE PTX.





# TLK 25

## Sleek, smart & safe

Communicate and operate confidently with TLK 25 Wi-Fi, a wearable WAVE PTX device that elevates your push-to-talk capabilities and doesn't limit communication to one location.

Compact, powerful, rugged and equipped with an intuitive voice assistant for seamless communications, the TLK 25 is designed for ease of use, efficiency and safety. Access a communications, management and safety ecosystem in a small, intelligent device connected to your Wi-Fi network.

Small in size and versatile in form, users can conveniently and discreetly wear the TLK 25 in different ways - on belts, lanyards, or in pockets. If an employee loses their device, the TLK 25's outdoor and precise indoor\* location tracking will ensure that it's quickly found. The TLK 25 is waterproof and dustproof with an IP67 rating and 801H military standard, so users working in tough environments don't need to worry about their devices breaking.

Equipped with embedded Intuitive Voice Assistant, the TLK 25 carries out all key device functions without delay. Users can place calls, access settings and manage emergency features with the press of a button and use of their voice. Powered by natural language processing, the Intuitive Voice Assistant does not limit users to specific voice prompts and can understand varying names, verbiage and voices, including accents.

Strengthen your communication and bridge device gaps with WAVE PTX and the TLK 25, interoperable with smartphones via WAVE PTX mobile app, MOTOTRBO™ radios and all of the existing TLK devices. If you already have compatible devices deployed, the TLK 25's interoperability allows you to increase your communications coverage without having to expand or reconfigure your infrastructure. Strengthen your onsite technology without limiting your options.

\* Location tracking is Country dependent





# TLK 110

## A device built to last

The TLK 110 combines the flexibility of broadband PTT with the reliability and ingenuity of a rugged, purpose-built radio. You no longer need to be limited by range; the TLK 110 allows you to communicate with your workforce nationwide so important information can be shared instantly.

Even when your coverage drops, such as in a warehouse or even underground, the TLK 110 can place calls over your pre-existing Wi-Fi networks, allowing you to adapt to any environment. And when you do communicate, you can do so with confidence. The TLK 110 uses AI-backed noise suppression to eliminate background noise and its integrated wideband speaker produces high quality audio, meaning you'll always hear and be heard loud and clear.

Improving workplace safety is a key component of the TLK 110. It comes with a dedicated emergency button that provides immediate access to help and is easy to reach. Its Fall Alert/Man Down and Lone Worker features identify emergency incidents and notify your preselected contacts without the need to press a button or place a call. You can even stay in touch when your hands are full or your radio is out of reach. With Intelligent VOX PTT, you can trigger the TLK 110 to communicate with only your voice, not background noise.

Built with you in mind, the TLK 110 has an ergonomic design making it easy to hold and use. Tested in accordance with MIL-STD 810H, the TLK 110 is a durable device that will work in any environment. With an IP67 rating, the device also offers protection against dust and is waterproof. You don't even need to worry about the radio dying halfway through your shift as the TLK 110 boasts a reliable 18-hour battery life.

The TLK 110 integrates seamlessly into the WAVE PTX ecosystem, allowing you to communicate across a range of devices, wherever your network takes you.





# TLK 150

## Rapid, reliable deployment

Combine the wide-area coverage of a broadband network with the ease of PTT radio communications and keep in touch wherever your network takes you. With one button PTT, the TLK 150 is safe to use while on the move so that your organisation can run smoothly even when teams are on the road. And when things are changing quickly, you can manage talk groups and subscriptions in real time.

The TLK 150 can connect to 4G LTE, Wi-Fi and Bluetooth, extending your coverage, connections, and productivity without expanding your infrastructure. The device provides clear and loud audio at all times, as well as GPS location tracking to monitor your fleet, all within a rugged, compact form that's built for purpose.







# Evolve handheld LTE device

## An intuitive user experience

When you want to take advantage of the open architecture and app ecosystem of a smartphone but don't want to lose the ruggedness and reliability of a critical communications device, it might seem like you have to just make a choice between the two. But that is not the case. The Evolve handset combines the intuitive user experience of the Android platform with a built-for-purpose, resilient design.

With clear audio, connectivity across 3G, 4G and Wi-Fi, and dual SIM compatibility, the device enables seamless communications across different locations and networks. Evolve meets MIL-STD-810 for drop and shock testing and is IP68 rated for protection against dust and water, meaning it can be used in tough, unforgiving environments.

Its 5" touchscreen and front and rear cameras allow you to use the device for much more than just PTT communication. You can access any app in the Google Play Store and easily send images and videos to your teams when they need them.







# WAVE PTX features

## → PTT communications

Increase productivity with a PTT network that powers the quickest push-to-talk setup and call times.

## → Group & private calls

Instantly communicate with entire teams or individuals within your organisation. Always hear and be heard with clear and loud audio.

## → Location services

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

## → Real-time presence

Set your status and see who is available with real-time presence information – Available, Do Not Disturb or Offline.

## → Text messaging

When voice is not the most efficient way to communicate, push text to teams and individuals so that everyone gets the message.

## → Photo and video sharing

Take your messaging a step further by pushing image, video and file attachments to ensure your communication is as clear and informative as possible.

## → Live video streaming

Add streaming video to your subscription to increase communication clarity and improve situational awareness with live video at the push of a button.

## → Panic button

TLK 25 features a dedicated emergency response button which allows users to instantly streamline emergency responses by turning the TLK25 into a panic button.



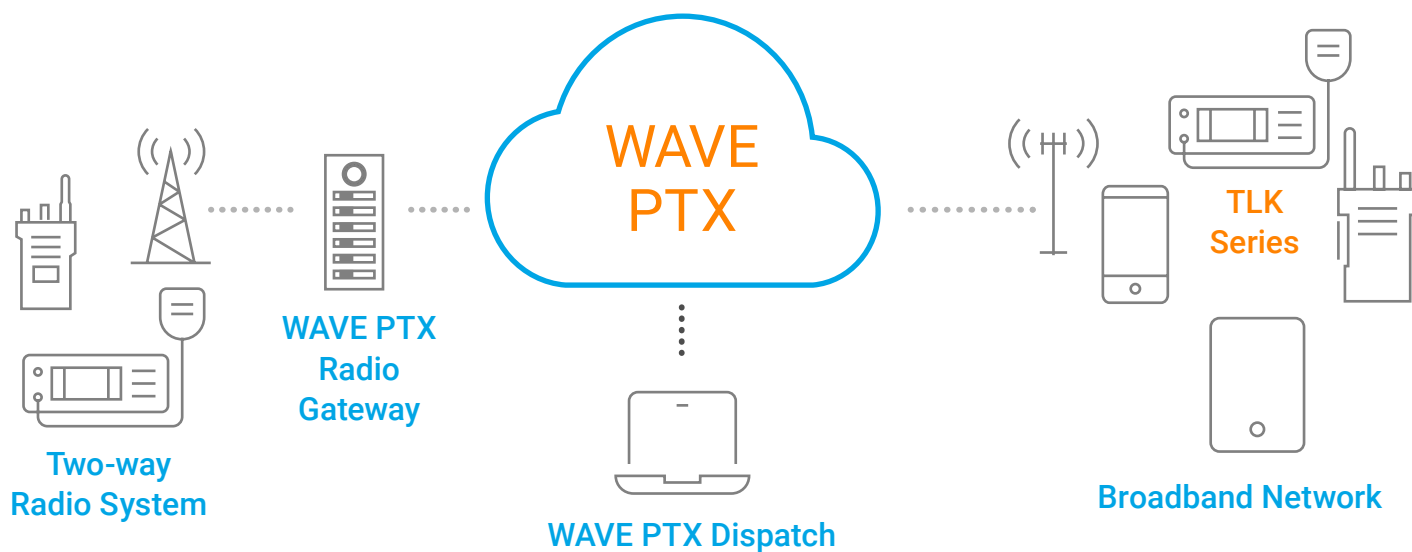




# Connectivity

Alone, our solutions can enhance your operations and productivity, but when combined together they can transform the way you work. That's why we've made sure all of our WAVE PTX products connect together with ease so you can communicate instantly across a range of devices. Whether a member of your team is using the WAVE PTX Mobile app on their phone, a TLK Series device, or even a traditional two-way radio, you can locate and contact them at the push of a button.

You don't need to replace your existing equipment. Our WAVE PTX handsets and solutions are built to the same design and quality as traditional PTT devices, so they can be interconnected to your existing Motorola Solutions products to form a single, integrated system. With advanced wireline integration, you can upgrade your WAVE PTX subscriptions to connect with your MOTOTRBO network. That means you can stay connected to your team even when outside MOTOTRBO coverage areas. Connecting two-way radio and broadband communications has never been simpler.





# Coverage

When your teams are spread out, you need to eliminate the communication barriers between the traditional office space and the commercial and industrial areas. WAVE PTX extends your two-way radio to broadband, meaning you can stay in touch over a much wider coverage area.

Whether you're using the app through a smartphone or communicating with a WAVE PTX radio, you can stay connected wherever you have 3G/4G coverage, even when traveling across regions or crossing borders.

Broadband PTT makes managing your fleet simple, since updates are delivered over the air without needing to touch a single device or handle any radio programming cables. Modify your talkgroups remotely and in real-time without having to call customer service. The WAVE PTX network extends your range, rather than limits it, keeping your organisation connected when it matters most.





# What's next?

## Bring WAVE PTX to your facility

If you're interested in taking PTT further in your facility and beyond, or just want to find out more, then get in touch. Our team of experts will work with you to understand the unique needs of your business and help you uncover the best options to maximise your technology investment.

[Contact us](#) today.

To learn more, visit:

[www.motorolasolutions.com/waveptx](https://www.motorolasolutions.com/waveptx)

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