



# CONNECT AT THE SPEED OF TODAY'S OPERATIONS

INSTANT PUSH-TO-TALK, ANYWHERE WITH  
WAVE PTX™ AND TLK SERIES RADIOS



A woman with short, dark hair is shown in profile, looking down at her smartphone. She is wearing a dark blazer and a ring on her finger. The background is blurred, suggesting an indoor setting.

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## INSTANT CONNECTION ACROSS ANY DEVICE, FROM ANY LOCATION

Keeping team members connected across a facility, worksite, or even the country is critical to today's businesses. Yet with so many different devices and networks, ensuring connectivity is becoming increasingly difficult.

In a recent Motorola Solutions survey, 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, switching throughout the day to the tools best suited for a specific task. That may include traditional two-way radios, smartphones, laptops, tablets, and more.

Add the need for local and area-wide communication, and many companies are left relying on a growing mix of Wi-Fi, two-way radio networks, and multiple mobile phone networks across the country. This blend of devices and networks slows communications, making it more complex to communicate essential information across an organisation.

So what's needed? 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.



**87%**

**OF WORKERS IN  
COMMERCIAL INDUSTRIES**

use more than one device to  
communicate on the job.

**90%**

**SAY IT WOULD  
BE VALUABLE**

to communicate across  
all device types.

– 2021 Motorola Solutions  
Commercial Industries Communication  
Survey Reports

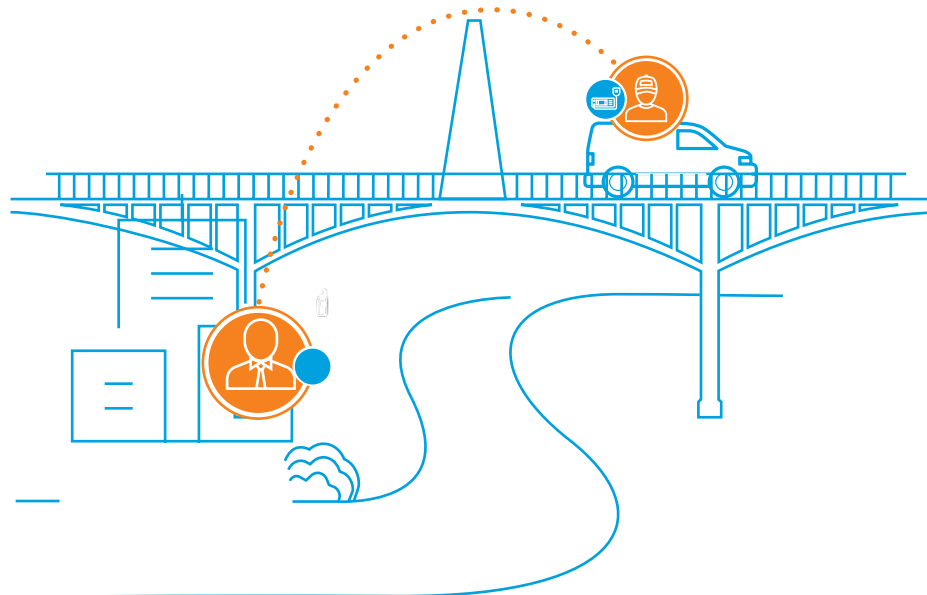


## WAVE PTX AND TLK SERIES TWO-WAY RADIOS: THE NEXT EVOLUTION OF PTT

Motorola Solutions [WAVE PTX](#) is a network-independent broadband Push-to-Talk (PTT) subscription service that instantly connects your team at the push of a button. With the [WAVE PTX Mobile app](#), your smartphone, tablet or computer can act like a two-way radio for instant PTT communication. This gives users access to all the capabilities of a smart device and a two-way radio in one, without the need to carry two devices. And with [WAVE PTX Dispatch](#), you can manage your teams and field personnel from anywhere, using a standard web browser with Internet connection. With these solutions, radio users and those on smartphones, tablets and other broadband devices can connect whenever and wherever needed.

Motorola Solutions [TLK Series radios](#) offer the benefits of the WAVE PTX Mobile app in a rugged two-way radio design that operates region-wide on Wi-Fi, 3G and 4G mobile phone networks. With these simple PTT devices, workers can directly access colleagues with crisp, clear audio. All without the need to build and maintain complex radio infrastructure.

TLK Series radios are purpose built for rugged use across a range of loud and dispersed worksites including manufacturing, construction, private security, transportation, and field service. No texting, apps, or email to get in the way. With intuitive PTT operations, long battery life and seamless deployment, employees across a range of industries can get started immediately.





## TLK 110: AN ALL NEW DEVICE DESIGNED FOR YOU AND BUILT TO LAST

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

### KEY FEATURES



#### COMMUNICATION WITHOUT LIMITS

- In-country and cross border PTT via 3G, 4G LTE and Wi-Fi
- Communicate wherever your network takes you
- Wi-Fi calling over 2.4 GHz and 5 GHz networks
- Hands free Vox PTT
- AI-backed noise suppression



#### DESIGNED FOR YOU, BUILT TO LAST

- Emergency calling
- Dedicated emergency button
- Man Down/Fall Alert
- Lone Worker
- 18-hour battery life
- Ergonomically designed
- 2-line monochrome display
- IP67 rating
- Antimicrobial housing



#### DEVICES MANAGED WITH EASE

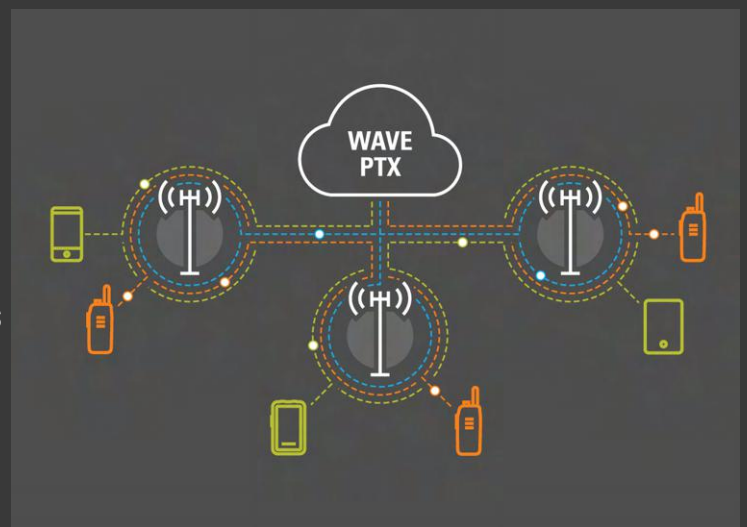
- Centralised device provisioning
- Remote software updates
- Remote talkgroup setup
- GPS/GNSS location tracking
- Location-based talkgroups
- Interoperable with smartphones/tablets via WAVE PTX
- WAVE PTX Dispatch compatible



## TRANSPORTATION AND LOGISTICS: TAKING INSTANT CONNECTIVITY ON THE ROAD

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. Drivers can instantly connect with the warehouse, including those on digital or analogue [MOTOTRBO](#) devices, with other drivers or even with a customer expecting a shipment. Dispatchers can set up location-based talk groups, so conversations can be limited to people within a specific facility or area, prioritising essential interactions.

In addition, TLK Series radios and WAVE PTX integrate with Motorola Solutions' [technology ecosystem](#), further automating security functions with AI and analytics. For instance, workers and security personnel can get automatic alerts on their radio or other device when a loading bay is blocked or an unauthorised visitor accesses a secure area.





## MANUFACTURING: PRODUCING THE GOODS

From goods inwards, through stores, to the shop floor, and onwards 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. Quickly locate maintenance engineers and direct them to a faulty production line, notify your team that a delivery is en-route from the security gatehouse and coordinate marshals during a fire drill – all at the push of a button. Teams and individuals can talk, text or share video and multimedia files to work together more closely, boost efficiency and enhance productivity.

Install the WAVE PTX Mobile app on smartphones or deploy dedicated TLK Series devices 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.



## CONSTRUCTION: 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 work day.

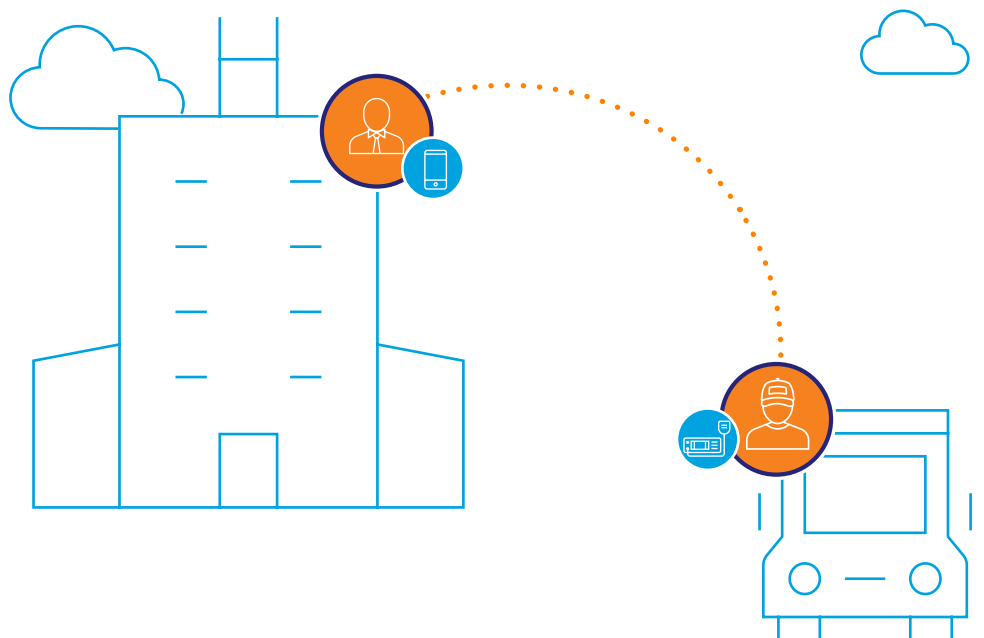




## HOSPITALITY: SERVICE IN AN INSTANT

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. From checking on reservations to coordinating private dining events, and a host of other expected and unexpected needs, service is measured in seconds. Instant communication within and across teams, anywhere on a property or across the country, is essential to a seamless operation.

With WAVE PTX and TLK Series radios, you can instantly connect with other WAVE PTX users and traditional two-way radios such as MOTOTRBO, so your team can reach the right person with the push of a button. That means they can quickly coordinate airport shuttles, update staff at a partner property to tell them a VIP guest is headed their way, or instantly communicate with excursion groups, no matter how far they are from the main property. Plus, TLK Series radios and WAVE PTX integrate with Motorola Solutions' technology ecosystem, so you can automate security functions with AI and analytics.





## 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. Effortlessly link 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 discrete listening to a smartphone or other device.





## **PUBLIC TRANSPORT: SAFETY IS THE PRIORITY**

Every day, millions of people rely on public transport to travel to their destination, and keeping passengers safe in transit is vital.

With WAVE PTX and TLK Series radios, drivers and operators can communicate from anywhere - whether it's with each other or central dispatch. They can report updates, detours, or accidents, no matter where they are or which device they are using. A bus that's forced to reroute due to an accident or weather event can instantly inform dispatch, which can then notify operators and stations quickly. Should a medical emergency arise on a train, the driver can communicate back to dispatch and coordinate help, protecting passengers efficiently and effectively.

Plus, TLK Series radios remove the distractions of a smartphone, allowing drivers and operators to focus on the road and safely adhere to regulations that prohibit phone usage.





## **WAVE PTX AND TLK TWO-WAY RADIOS: SEAMLESSLY CONNECT TEAMS AT THE SPEED OF TODAY'S OPERATIONS**

We live in an always-on, instant-connection world where an answer is just a text or call away. Yet many workers, like those in manufacturing, construction, hospitality, private security, transportation, and education still need a purpose-built device that includes the communication tools they need 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 WAVE PTX and TLK Series radios, 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.

Now the reliability and instant PTT features your operation needs are available everywhere, so you can empower your team to work more safely, efficiently, and productively no matter where their day takes them.

To learn more about how WAVE PTX and TLK Series radios can connect your team members across campus and across the country, visit [motorolasolutions.com/WAVEPTX](https://motorolasolutions.com/WAVEPTX).

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