



# TAKE PUSH-TO-TALK FURTHER

## WAVE PTX™

### NETWORK-INDEPENDENT BROADBAND PTT

Push-To-Talk (PTT) is no longer only for two-way radios. Group communication can now include those who rely on smartphones and broadband devices as well as two-way radios. WAVE PTX is a network independent multimedia communication subscription service that instantly connects your team at the push of a button.

ACCELERATE THE FLOW OF INFORMATION WITHIN YOUR ORGANISATION AND INCREASE PRODUCTIVITY WITH SECURE, AFFORDABLE PUSH-TO-TALK.



BUILD QUALITY IN



REACT AND REPAIR



DELIVER ON TIME

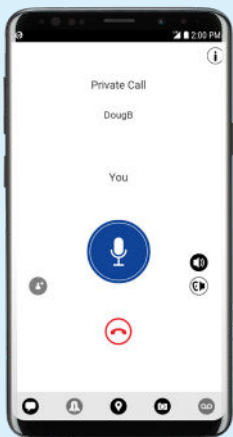


INCREASE PRODUCTION





# OPTIONS THAT WORK THE WAY YOU DO



## WAVE PTX MOBILE APP ON YOUR NETWORKS AND DEVICES

TURN YOUR SMARTPHONE INTO A PTT  
HANDSET AND LET EVERYONE BE PART  
OF THE CONVERSATION.

Get the speed and simplicity of Push-to-Talk (PTT) communications with the ability to share multimedia information at the touch of a button.



**INSTANT PTT  
COMMUNICATION**



**MULTIMEDIA  
MESSAGING**



**LOCATION  
AND MAPPING**

## TURN YOUR SMARTPHONE INTO A MULTI-CHANNEL COMMUNICATION DEVICE WITH THE WAVE PTX MOBILE APP

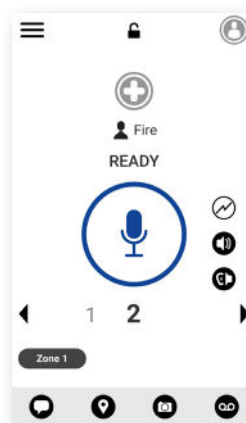
### SINGLE APP. TWO MODES. MULTIPLE FUNCTIONS.

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

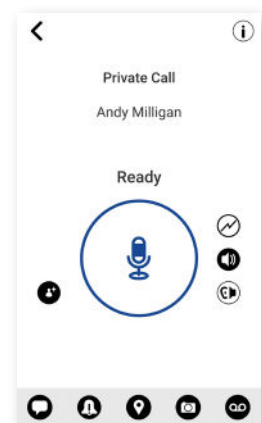
Select one of two client modes: PTT Radio to emulate the experience of a conventional two-way radio, or Standard Mode, which offers full client functionality.

#### 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



PTT RADIO



STANDARD MODE





# ENHANCE SAFETY AND IMPROVE EFFICIENCY



## WAVE PTX SAFEGUARD

ADD THE ADVANCED EMERGENCY CALLING, REMOTE MONITORING, AND LOCATION-BASED COMMUNICATIONS NEEDED TO KEEP WORKERS CONNECTED, INFORMED AND SAFE.

The optional 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.

### Key Features

- Emergency Calling & Alerting
- Remote User Check
- Ambient Listening
- Discreet Listening
- User Enable/Disable
- Location-Based Temporary Groups

## SEE EVENTS AND ACTIVITIES AS THEY HAPPEN

ADD STREAMING VIDEO TO THE WAVE PTX MOBILE OR DISPATCH APPLICATIONS TO INCREASE COMMUNICATION CLARITY AND IMPROVE SITUATIONAL AWARENESS WITH LIVE VIDEO AT THE PUSH OF A BUTTON.

- 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)

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





## WAVE PTX WIRELESS SERVICE COMBINED WITH TLK SERIES WAVE PTX RADIOS

GET THE BENEFITS OF WAVE PTX AND  
A RUGGED TWO-WAY RADIO ON A  
BROADBAND NETWORK<sup>1</sup>.

The TLK Series radios<sup>1</sup> offer a robust form factor that can withstand everyday knocks and drops and combine 3G/4G and Wi-Fi<sup>®</sup> connectivity to provide fast and reliable broadband PTT communications.



**EASY TO USE  
AND MANAGE**



**BUILT FOR  
THE JOB**



**BROADBAND  
PUSH-TO-TALK**

### RAPID, RELIABLE DEPLOYMENT WHEREVER YOUR NETWORK TAKES YOU.

Combine the broad coverage of a 3G/4G network with the ease of two-way radio communications. The WAVE PTX radios will automatically switch to the strongest network available to ensure reliable communications and will seamlessly roam as the user moves between countries. Manage talk groups and subscriptions in real time. Increase coverage, connections, and productivity without expanding infrastructure.

#### Key Features

- Over-the-Air device management
- Robust design
- Wi-Fi connectivity
- Location tracking
- Loud and clear audio
- Private and group push-to-talk
- Real-time presence
- Seamless roaming
- Multi-network compatibility
- Optimised cellular to Wi-Fi handover



TLK 100

#### Specifications

Network:  
**3G/4G LTE<sup>1</sup>**

Powered by:  
**WAVE PTX**

Channel capacity:  
**Multi-Channel**

GPS:  
**GPS/AGPS**

WiFi:  
**802.11 a/b/g/n**

IP rating:  
**IP54 MIL-STD 810G**



TLK 150





## WAVE PTX DISPATCH ANYWHERE. ANYTIME.

DISPATCH FROM ANYWHERE WITH AN INTERNET  
CONNECTION AND STANDARD WEB BROWSER

Stay connected to your teams and field personnel, wherever they are,  
with WAVE PTX Dispatch.



**WEB-BASED  
DISPATCHING**



**MULTIMEDIA  
MESSAGING**



**LOCATION  
AND MAPPING**



## STREAMLINE WORKFLOWS AND IMPROVE TEAM PRODUCTIVITY

Get the communication tools you need to effectively manage and rapidly respond to incidents, events, customer requests and other situations that need immediate attention.

### Key Features

- Monitor multiple talkgroups
- Group & individual calls
- Broadcast call
- Supervisory override
- Logging and recording
- Message threads
- Text, video, photo, and file sharing
- Location & mapping
- Geofencing
- In-map communication



## BROADBAND PUSH-TO-TALK

Fixed annual subscription for the WAVE PTX service keeps costs under control. Managing your fleet is 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.



Whether you're managing 10 devices or a fleet of 10,000, minimising administration overheads can save your business time and money. WAVE PTX makes management simple, because every TLK Series radio includes built-in capabilities with the cost of your subscription. So you can change talkgroups, modify device names, add Wi-Fi credentials, or disable devices – all in seconds, not hours – without touching a single device.

TLK Series radios keep communication simple and quick, so you can focus on driving business results.



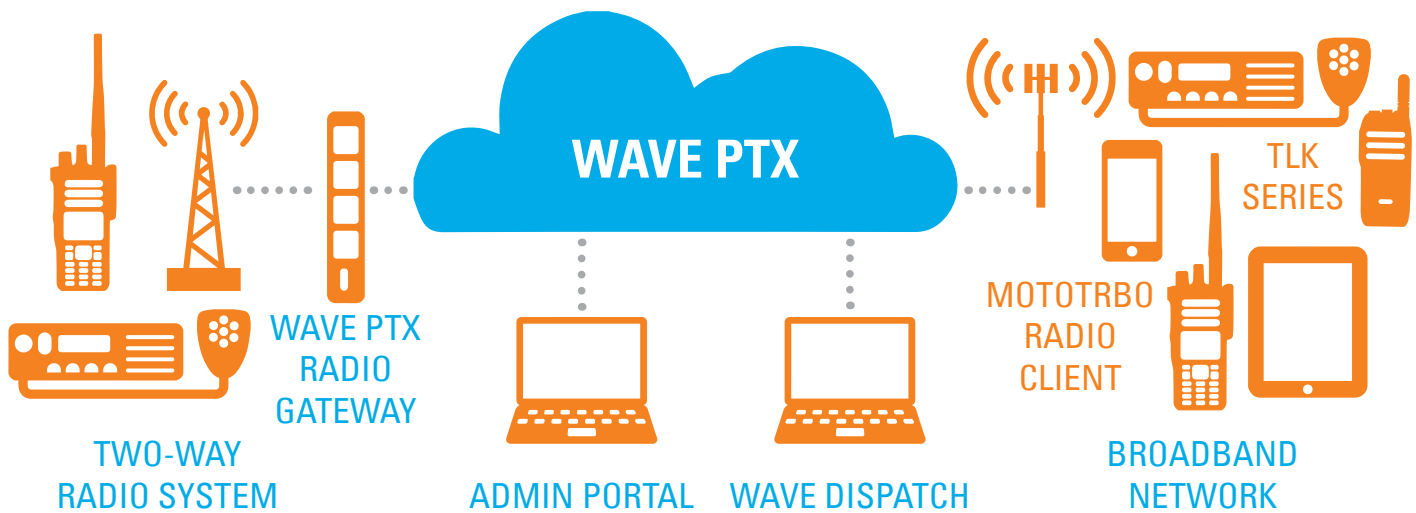


## EXTEND TWO-WAY RADIO TO BROADBAND

### UNIFY COMMUNICATIONS ACROSS RADIO AND BROADBAND USERS.

Eliminate communication barriers between the traditional office space and the commercial and industrial areas. Connect WAVE PTX to your MOTOTRBO™, DIMETRA™ or ASTRO® 25 two-way radio system<sup>2</sup> and get seamless talkgroup communication between radio and smartphone users.

## CONNECTING TWO-WAY RADIO SYSTEMS TO WAVE PTX



#### CAPACITIES AND CAPABILITIES PER WAVE ACCOUNT

	WAVE PTX Mobile App	TLK 100 / TLK 150	WAVE PTX Dispatch	MOTOTRBO Radio Client
Users per Account	Unlimited	Unlimited	Unlimited	Unlimited
Talkgroups	20	96	20	8
Talkgroup Scanning	Yes	Yes	Yes	No
Private / Individual Call List	300	300	300	No (receive only)
Presence Reporting	Yes (Available, Do Not Disturb)	Yes (Available, Do Not Disturb, Offline)	Yes (Available, Do Not Disturb)	Yes (Available, Do Not Disturb)
See Presence Status of Other Users	Yes (WAVE PTX clients only)	No	Yes (WAVE PTX clients only)	No
Display Incoming Caller ID	Yes (WAVE PTX and MOTOTRBO IDs)	Yes	Yes (WAVE PTX and MOTOTRBO IDs)	Yes (display models)
Multimedia Messaging	Text, photo, video & file attachment	No	Text, photo, video & file attachment	No
Location Sharing	Yes	Yes	No	Yes
Display Other Members' Locations	Yes (WAVE PTX clients only)	No	Yes (WAVE PTX clients only)	No
Mapping	Yes	No	Yes	No
Security	AES256 encryption	AES256 encryption	AES256 encryption	AES256 encryption
Smartphone Compatibility	Most Android and iOS Phones and Tablets	N/A	Windows 8.1/10 with Chrome or Internet Explorer	N/A

#### WAVE PTX RADIO GATEWAY SPECIFICATIONS

Dimensions	Height 7.2" (18.2cm) x Width 1.4" (3.6cm) x Depth 7.0" (17.8cm)
Weight	2.82 lbs (1.28kg)
Two-way Radio Compatibility <sup>2</sup>	MOTOTRBO Capacity Max and Capacity Plus, DIMETRA Express, DIMETRA X Core, ASTRO 25





## DEPLOYMENT OPTIONS

### GET THE RIGHT FIT FOR YOUR SIZE, INDUSTRY AND BUDGET.

The right broadband PTT solution should fit within your existing workflows, not the other way around. WAVE PTX provides cloud-based and on-premises deployment options to meet your specific communication requirements.

### WAVE PTX

Hosted on the Microsoft Azure Cloud, WAVE PTX provides a predictable, low-cost per user subscription fee with no capital expense or long-term commitments. With a cloud-based deployment, you control the costs and know exactly how much you are spending.

### WAVE PTX ON PREMISES

Deployed within your secure IT network, you control all update and maintenance activity for your on-premises WAVE PTX deployment. Moreover, with an on-premises deployment you can provide interoperable PTT communications with your MOTOTRBO, DIMETRA or ASTRO 25 networks.

### GET STARTED TODAY

Connecting people and devices with PTT communications makes sense for your business and your bottom line. It's easy to get started.

Contact your local authorised WAVE PTX reseller to find out how.

### DOWNLOAD NOW

The WAVE PTX Mobile app is available for iOS and Android devices.

To find out more, visit [www.motorolasolutions.com/WAVEPTX](http://www.motorolasolutions.com/WAVEPTX)

<sup>1</sup> TLK 100 and TLK 150 are available in two models: With pre-installed SIM (data service included in WAVE PTX subscription with coverage limited to EU, EFTA and UK and will vary depending on conditions) or SIM free so you can add your own SIM and data service (geographic availability and network compatibility restricted, contact your Motorola Solutions representative for details).

<sup>2</sup> WAVE PTX cloud-based systems connect to MOTOTRBO and DIMETRA Express. WAVE PTX on-premises systems connect to MOTOTRBO, DIMETRA X Core and ASTRO 25 systems.

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Availability is subject to individual country law and regulations. All specifications shown are typical unless otherwise stated and are subject to change without notice.

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