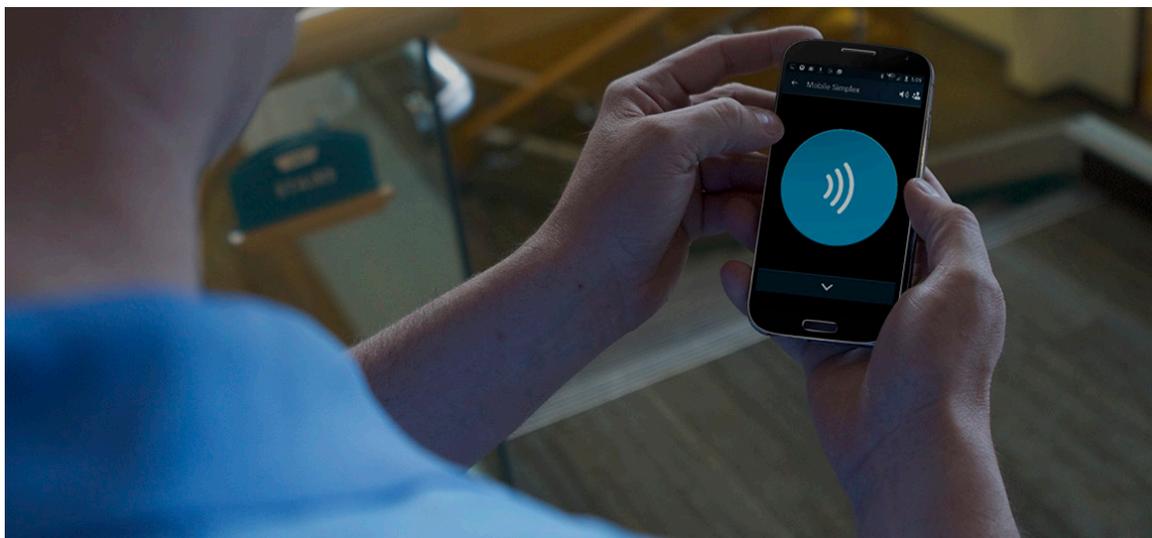


## DATA SHEET

WAVE WORK GROUP COMMUNICATIONS:  
MOBILE COMMUNICATOR



**BROADBAND PUSH-TO-TALK ANYWHERE**

# WAVE™ MOBILE COMMUNICATOR

The WAVE Mobile Communicator extends push-to-talk communications by enabling Android and Apple iOS smartphones, tablets and other specialty devices to securely communicate with other communication systems over broadband networks.

## **INSTANT, SECURE PUSH-TO-TALK**

The WAVE Mobile Communicator turns your smart device into a multi-channel push-to-talk handset. It enables instant, secure and inexpensive communication with other individuals and teams whose primary communications device may be land mobile radio (LMR), a custom handheld computing device, a PC or another smartphone/tablet.

## **MOST DEVICES, ANY CARRIER**

It's likely that you already own or have access to a device capable of running the WAVE Mobile Communicator. Whether it's an Apple or Android, smartphone or tablet - we've got you covered. You can use a public or private mobile data network or Wi-Fi for connectivity, giving you the freedom to keep the service plan you have or to select another that fits your needs.

## **EXTEND YOUR LMR NETWORK**

The WAVE Mobile Communicator lets you extend workforce communications beyond LMR, ensuring seamless communications in any location with data network access. Any Motorola LMR system can be extended to mobile broadband with the WAVE Mobile Communicator, as can

LMR systems from other vendors. This vendor-agnostic approach makes WAVE the leading industry solution for LMR extension to broadband.

## **ENGINEERED FOR CRITICAL COMMUNICATIONS**

Built on technology engineered for and deployed by our government and military customers, the WAVE Mobile Communicator delivers industry-leading audio quality, unrivaled per-channel user capacity, always-on service with no connection setup times and LMR-equivalent latency. Integrated mapping, group and private call capability, multiple channel monitoring, presence and channel history combine to deliver the most compelling broadband push-to-talk solution available today.

## **UNIQUE, PROVEN AND TRUSTED**

The WAVE Mobile Communicator is in widespread use today with military, government and commercial organisations that require a high-performance, robust and geographically unrestricted push-to-talk capability using off-the-shelf devices connected to broadband networks, public or private.

## DATA SHEET

### WAVE WORK GROUP COMMUNICATIONS: MOBILE COMMUNICATOR



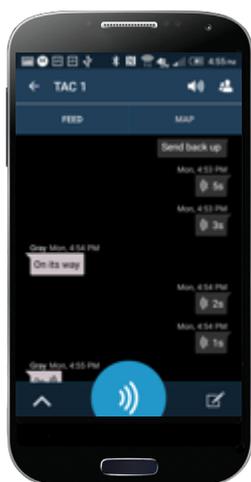
## GROUPS, RECENTS AND CONTACTS

Following a successful sign-in, your device screen will display its three primary tabs and the application menu, which includes Settings, Help and About. The three primary tabs are Groups, Recents and Contacts and these provide access to the applications principle functions:

**Groups** – These are your talkgroups or channels. When signing in to the Mobile Communicator for the first time, up to 16 Groups from your profile are automatically activated. These are the first 16 from an alphabetical list of available Groups assigned by your administrator. You can add or remove Groups from the settings screen and subsequent sign-ins will load what was selected at time of last sign out.

**Recents** – this feed shows all communications activity for your selected Groups, including any private call communications you have been involved in. You can quickly see who's been communicating with voice or text and tapping on an activity will take you to that Group or member page.

**Contacts** – this is a list of every member in your address book or contact list who might be available to you using the WAVE Mobile Communicator. Available radios for you to private call would also be included in Contacts, if your system supports private calls.



## GROUP FEEDS AND PTT

A single tap on any of your Groups will take you to the Feed and Map page for that Group.

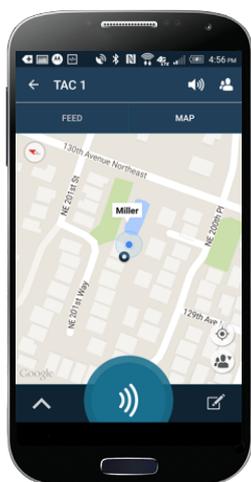
The Feed displays all PTT and text activity in chronological order, with Display name and time stamps for call start and text sent times. PTT calls also have a duration stamp. Your own activity is shown on the right, with other users' activity on the left.

To the right of the Group name are the audio mute and Group member's icon. Tapping mute will mute audio on the selected group. Tapping the member's icon takes you to a list of all active group members.

At the bottom of the screen is your standard PTT button. Touching and holding the PTT button will allow you to talk on your active Group.

On the left of the PTT button is an up-arrow that selects full-screen PTT mode. Full-screen PTT allows you to activate PTT by touching any part of the screen between the top navigation bar and the down-arrow for standard PTT button.

On the right of the standard PTT button is your text selection icon. Touching this icon opens your text interface keyboard. All sent and received texts are shown in the Group feed. You can chose to minimise the keyboard while keeping the text interface active.



## MAPS

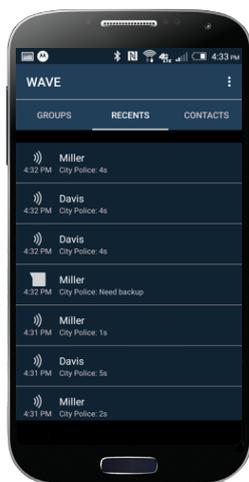
The second tab on your selected Group screen is Maps. This tab will take you to a Google map (Android) or Apple map (iOS) that initially scales to include location pins for all users on your selected Group who are sharing their location. Your location is shown as a blue pin, other users as black pins. One exception is that iOS has implemented an additional yellow pin state when location is still being shared but has not been updated within the last 5 minutes.

Tapping on a map pin displays the member's display name. Tapping the Show all Members icon on the lower right of the map returns the map's orientation to include map pins for all of this Group's members sharing location. Tapping the Center on Me icon (above the Show all icon) on the map centers the map's view on your position.

You can pinch or spread to zoom, rotate, tilt and drag the map's screen as required. Double-tapping on the screen will gradually zoom in to the point tapped on the current screen - each time the screen is double-tapped. Pressing the PTT button when in Maps will result in your Display Name appearing next to your pin. Likewise, If another member of this talk group makes a group call, their display name will appear above their pin.

## DATA SHEET

### WAVE WORK GROUP COMMUNICATIONS: MOBILE COMMUNICATOR



## RECENTS

The Recents tab is designed to give you both a real-time and an historical view of call and text activity across all of your Groups. The chronological list details the type of activity (group/private call or text) with a time stamp (group call or private call session start, text sent), the display name of the user and the Group that they are active on (for a group call) or the Member they called (for private call). Tapping on any of the Recents rows will send you to the Feed for that particular Group or to a Member's Feed so you can review all recent activity or transmit audio or texts.

If a user deactivates one of his Talk Groups during the session, those rows will become greyed out and inactive – but the history is preserved. If reactivated, the rows will also become actionable again and, thus, the user can again access that Talk Group's event screens since the session started.

This is the same behavior that occurs for when another Member in a user's Talk Groups signs out of WAVE. All events associated with that Member will become greyed out and inactive – unless they sign back in, at which time they become active again.



## PRIVATE CALLS

Private Calls are initiated from the Group members list accessible from the corresponding Group tab. Tapping on a member will take you to that Member's event screen and pressing the PTT button will initiate a private call.

Additionally, you can initiate a private call by starting from the Contact screen. Tapping on a Member in this list takes you to the Member's event screen and pressing the PTT button will initiate the private call.

Tapping on the Member's Map tab takes you to a map with that Member's map pin (if they are sharing location) as well as yours. Your location will always display on maps on your device (even if you are not sharing).



## USE THE WAVE MOBILE COMMUNICATOR WITH THE MOTOROLA LEX L10 RUGGEDISED LTE HANDHELD

The Motorola LEX L10 LTE Handheld enables more intelligent communication and collaboration by connecting executives, supervisors, remote knowledge workers, field workers and IT managers across businesses. Originally designed for public safety, the sleek yet rugged LEX L10 also meets the unique requirements of the manufacturing, utilities, hospitality, public works and other enterprise environments by delivering advanced capabilities not available in consumer-grade smartphones.

The sleek LEX L10 is ergonomically designed for one-handed operation with a no-slip grip and a 4.7-inch touch screen. It features best-in-class audio performance with dual 1 Watt front-facing speakers, tri-microphone noise and echo cancellation, and a dedicated PTT button for fast voice collaboration. It uses a removable battery that enhances long-term usage in the field.

The LEX L10 is secured with hardware encryption and Security Enhanced Android OS. It works on 3G/4G LTE and ensuring seamless roaming and optimal coverage at all times.

## DATA SHEET

WAVE WORK GROUP COMMUNICATIONS:  
MOBILE COMMUNICATOR

### WAVE MOBILE COMMUNICATOR IS AVAILABLE WITH WAVE 5000 AND WAVE 3000

Because operational environments and deployment preferences differ by customer, we offer WAVE solutions that deliver the capabilities and performance required to match your network size, sophistication and IT/engineering resources.

#### WAVE 5000

Developed as a highly scalable, feature rich, enterprise grade PTT solution, WAVE 5000 can support up to 3,000 users and enables full interoperability between disparate radio systems and telephony, and extends the reach of these systems using any combination of broadband networks and devices with a suite of PTT applications.

#### RADIO INTEGRATION

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Motorola Dimetra IP TETRA and ASTRO® 25 systems with MOTOBRIDGE™ wireless interface

Motorola ASTRO 25 systems with wireline interface

Motorola MOTOTRBO with wireline or wireless interface to Capacity Plus, Linked Capacity Plus and Connect Plus systems

Other Project (P25) and non-P25 systems with MOTOBRIDGE and 3rd-party gateway wireless interface

#### WAVE 3000

Optimised for Capacity Plus, Linked Capacity Plus and Connect Plus MOTOTRBO™ systems with a wireline interface, WAVE 3000 offers radio extension to smartphones and tablets using a simple appliance server for ease of deployment, management and support. WAVE 3000 can support up to 500 users.

#### APPLICATION REQUIREMENTS

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Motorola Dimetra IP TETRA and ASTRO 25 systems with MOTOBRIDGE™ wireless interface

Motorola ASTRO 25 systems with wireline interface

Motorola MOTOTRBO with wireline or wireless interface to Capacity Plus, Linked Capacity Plus and Connect Plus systems

Other Project (P25) and non-P25 systems with MOTOBRIDGE and 3rd-party gateway wireless interface

To learn more about the WAVE Mobile Communicator, contact your Motorola representative or visit [motorolasolutions.com/WAVE](http://motorolasolutions.com/WAVE).

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