



CONNECT WITHOUT LIMITS

# WAVE 3000

WAVE 3000 delivers instant and secure broadband push-to-talk (PTT) communications for small to medium businesses. Whether you're communicating with MOTOTRBO radio users or with other smartphone users, WAVE 3000 makes it simple and affordable.

## WAVE WORKGROUP COMMUNICATIONS

WAVE 3000 is part of the WAVE Work Group Communications portfolio - a range of solutions delivering instant and secure PTT communications across your entire organization. From nationwide networks to small communities and businesses, WAVE solutions keep information flowing quickly and securely between workers, managers and support teams.

WAVE solutions let you build interoperable, highly extensible and flexible PTT communications networks that connect and extend your proven and trusted Motorola two-way radio systems to broadband networks and devices, anywhere.

## WAVE 3000

WAVE 3000 is a simple, easily installed solution that allows management and supervisors to stay in touch with mobile workers using their smartphone or tablet. Radio PTT functionality is delivered through an application that connects securely through a dedicated WAVE 3000 server.

## GREATER REACH

For the business owner who is travelling, or the manager who is working from home, WAVE 3000 delivers the two-way radio experience over any broadband IP network: Wifi, 3G or 4G cellular. You can communicate with your workers from any location.

## MORE CHOICE

For the office executive, WAVE 3000 gives you the opportunity to integrate all communications onto a single device. There's no need to carry a smartphone and a radio into your meetings.

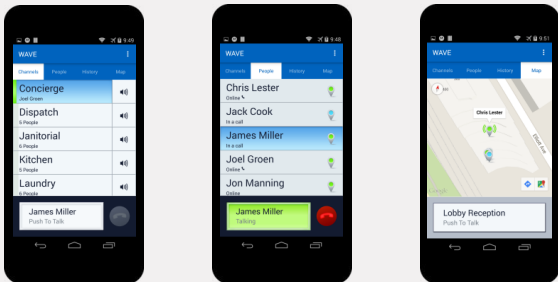
## OPTIMAL FLEXIBILITY

For the CIO, WAVE 3000 gives you the flexibility to be efficient. You can activate or deactivate any user in any facility at any time, direct from your desktop. Whether you're connecting visitors, enabling contractor communications, or facilitating a one-time collaboration, WAVE 3000 delivers performance and flexibility.

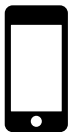
WAVE 3000 is highly scalable, and can grow as your business grows. You can start with a small group of users and add new user licenses as and when you need them. Up to 500 concurrent users can be supported.

Whether it's an extension of your MOTOTRBO Connect Plus, Capacity Plus or Linked Capacity Plus radio system, or a standalone broadband PTT network, Motorola's WAVE 3000 solution empowers you to connect without limits.

# WAVE MOBILE COMMUNICATOR



The **WAVE Mobile Communicator** turns your Apple or Android smartphone or tablet into a secure, multi-channel PTT communications handset. Users can participate in group PTT communications with users on two-way radio systems or other smart devices, or have a private PTT call with a specific individual. Mapping, presence and channel activity monitoring improve situational awareness for everyone.



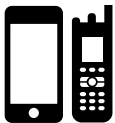
## ANDROID AND IOS SUPPORT

WAVE Mobile Communicator can be used on any smartphone or tablet using the Apple iOS or Google Android operating system. Download it for free from the Apps stores.



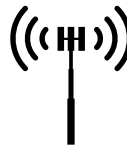
## UNIQUE USER PROFILE

Log in to your WAVE Mobile Communicator and your unique user profile of contacts and talkgroups are loaded automatically, so you can be productive right away.



## PRIVATE, GROUP, MULTI-GROUP CALLS

Make discreet private calls or connect with a whole team, group or department. The WAVE Mobile Communicator can communicate with talkgroups of thousands of people at once. You can listen to up to 16 talkgroups simultaneously.



## OPERATES OVER ANY IP NETWORK

The WAVE Mobile Communicator can use any wireless IP network – whether that's cellular 3G or 4G, domestic or international, or WiFi, private or public.



## SECURE COMMUNICATIONS

You can be confident in the confidentiality of your communications. The WAVE Mobile Communicator secures control and voice traffic using AES 256 bit encryption.



## LOCATION MAPPING FOR CONTACTS

The map screen on your WAVE Mobile Communicator shows at a glance the location of other WAVE users, allowing you to optimize your operations.



## ACTIVITY INDICATION

Even if you can't listen to every call, the WAVE Mobile Communicator will show you when a talkgroup is active, and which user is speaking.



## PRESENCE INDICATION FOR CONTACTS

See immediately who's online and available. The WAVE Mobile Communicator shows status information for all your contacts.



## CALL HISTORY

The WAVE Mobile Communicator keeps a record of all the calls you've made since your last logon.



## GROUP TEXT

Text with other WAVE users when PTT communication is difficult such as in noisy environments.

# WAVE 3000 SERVER



## WAVE 3000 SERVER SPECIFICATIONS:

Dimensions (W x D x H)	36" L x 23"W x 10"H (91.4cm x 58.4cm x 25.4cm)
Weight (fully equipped)	56 lbs (25.5 Kg)
Operating Environment	0°C to +50°C, 0 to 95% RH, non-condensing
Input Power	90-264 Vac, 500 W

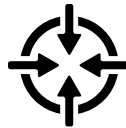
The WAVE 3000 Server is the self-contained appliance at the heart of the WAVE 3000 solution. It's a high capacity voice and data gateway that manages communications between smartphones and interfaces to the MOTOTRBO Connect Plus system. It supports up to 500 smartphone users, with up to 60 concurrent calls.

Configuration is done through a central user interface that can be securely accessed from remote locations.



### SCALABLE CAPACITY

Each WAVE 3000 Server supports up to 500 users, and uses talkpaths efficiently to get the most from your system.



### CONTROL OF PRIVATE CALL USAGE

To better control confidentiality, efficiency and talkpath usage, you can control which of your smartphone users have access to private call functionality.



### SECURE CENTRALIZED PROVISIONING

The WAVE 3000 Server gives you robust and secure management of your client accounts. The Provisioning Portal has password protection, and is accessible remotely using an SSL-based secure mechanism.



### SIMPLE UPGRADES

At the heart of your system, the WAVE 3000 server provides a convenient central point for adding new features and functionality as your business grows and evolves. The upgrade procedure is quick and simple.



### FLEXIBLE CLIENT MANAGEMENT

From the web-based Provisioning Portal, you can manage all aspects of your user accounts, from adding a user to deactivating a user, creating or managing a talkgroup, and provisioning private call contacts for each user.



### BUILT-IN DIAGNOSTICS

The WAVE 3000 Server ships with built-in utilities that allow you to diagnose and resolve issues in your network configuration.



### CALL LOGGING

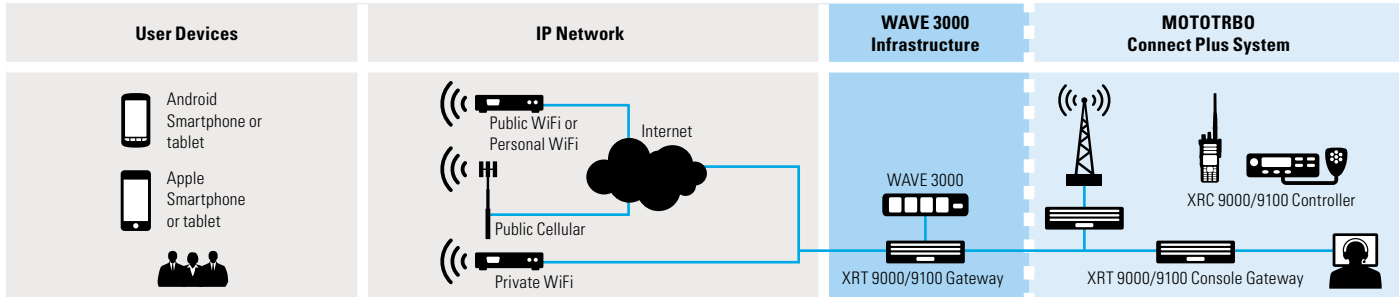
Call logs are maintained on the WAVE 3000 server for 7 days, and you can export the log to a file (csv format) for long-term traceability and accountability.

## WAVE 3000 SYSTEM CONFIGURATIONS

WAVE 3000 is designed to integrate with a MOTOTRBO Connect Plus, Capacity Plus and Linked Connect Plus radio using a wireline interface. It can also be used as a standalone broadband PTT solution where radios are not required. The WAVE 3000 Server manages all communications between MOTOTRBO systems and broadband networks and devices, and maintains user credentials and configuration information for smartphone clients.

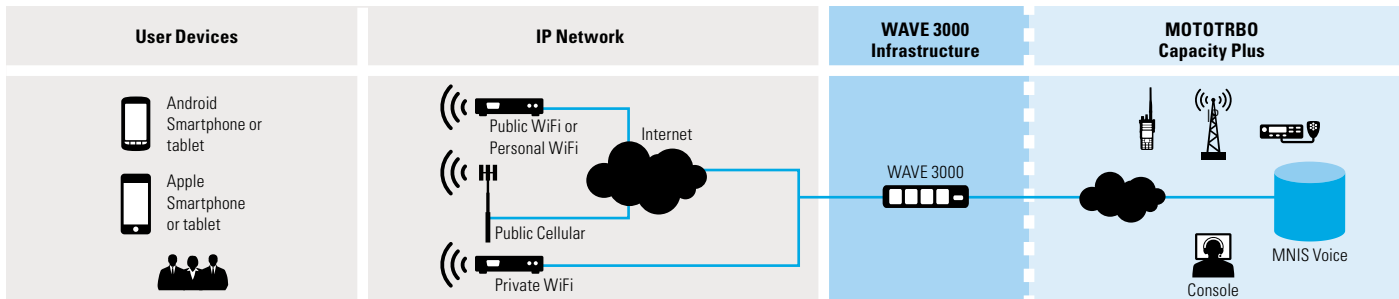
### EXTENDING A MOTOTRBO CONNECT PLUS SYSTEM

For MOTOTRBO Connect Plus systems, the WAVE 3000 Server integrates directly with an XRT 9000 or XRT 9100 Connect Plus Gateway. This interface provides an IP-based wireline connection to your Connect Plus system for a highly-scalable, reliable and secure broadband PTT integration.



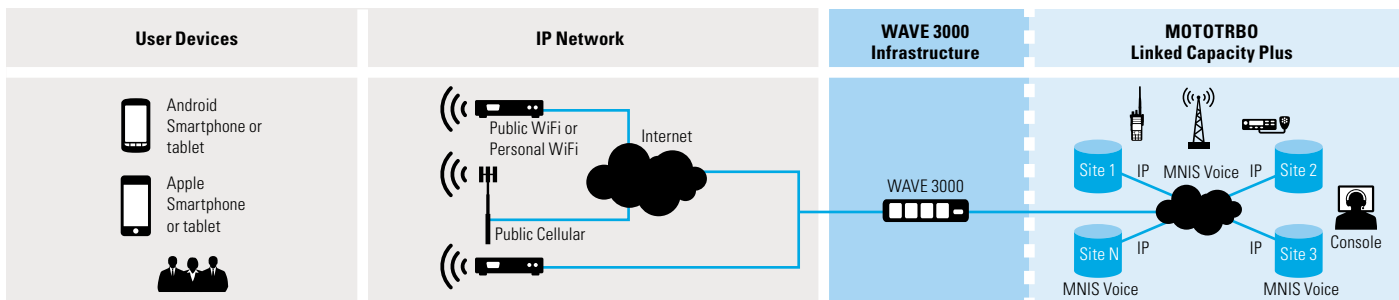
### EXTENDING A MOTOTRBO CAPACITY PLUS SYSTEM

For MOTOTRBO Capacity Plus systems there is no requirement for an XRT gateway or donor radios as the WAVE 3000 Server integrates directly with the Capacity Plus system using the IP-based MNIS voice interface. Repeaters that need connectivity to WAVE should have NAI voice licenses enabled.



### EXTENDING A MOTOTRBO LINKED CAPACITY PLUS SYSTEM

For MOTOTRBO Linked Capacity Plus systems, the WAVE 3000 Server also integrates directly using the MNIS voice interface. No XRT or donor radios are needed. Repeaters that need connectivity to WAVE, should have NAI voice licenses enabled.



## WAVE 3000 AS A STANDALONE BROADBAND PTT SYSTEM

WAVE 3000 can also be deployed as a broadband-only PTT solution where integration with a MOTOTRBO radio system is not required. In this instance the WAVE 3000 Server provides multi-channel broadband PTT connectivity over any 3G/4G LTE/WiFi data network.

For more information on WAVE 3000, go to [motorolasolutions.com/WAVE](http://motorolasolutions.com/WAVE)

For more information on WAVE Workgroup Communication solutions, go to [motorolasolutions.com/WAVE](http://motorolasolutions.com/WAVE)

Motorola Solutions, Inc. 1301 East Algonquin Road Schaumburg, Illinois 60196, U.S.A. 800-367-2346 [motorolasolutions.com](http://motorolasolutions.com)  
MOTOROLA, MOTO, MOTOROLA SOLUTIONS and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners. © 2015 Motorola Solutions, Inc. All rights reserved. R3-4-5010

**MOTOTRBO™**  
DIGITAL REMASTERED.



B.C. Communications Inc.  
106-1515 Barrow Street,  
North Vancouver BC 604-985-0340  
[www.bccommunications.ca](http://www.bccommunications.ca)



**MOTOROLA**  
SOLUTIONS

Radio Solutions Channel Partner