Radio Link allows you to eliminate the barrier between your two-way radio system and your other voice communication solutions, enabling seamless push-to-talk instant communications between your entire team. Two-way radio users can now easily reach other workers carrying different types of mobile devices operating on different types of networks — including Motorola Enterprise Voice over WLAN (VoWLAN) smartphones, mobile computers, VoWLAN EWB100 communicators and SB1 smart badges running over Wi-Fi networks, as well as third-party Apple iOS and Android smartphones connected to a cellular network. The result is better collaboration, faster employee response times and increased productivity.

How Radio Link Works

1. Push-to-talk (PTT) talk-group interoperability is accomplished by connecting two-way radio “donor” devices to the RIU (Radio Interface Unit), which connects to the Mobile Extension feature appliance with Radio Link.

2. The donor devices act like a transceiver, with the field devices communicating with the donor. Each talk-group requires a dedicated two-way radio donor.

3. Push-to-Talk Professional and Push-to-Talk Express communications are carried over the enterprise WLAN/LAN to Radio Link through the IP network. Radio Link then routes communication to the two-way donor device for the associated talk group, which in turn, sends communications out to the user two-way devices. The opposite flow applies for two-way radio to Push-to-Talk Professional and Push-to-Talk Express Talk Groups.

Connect Two-Way Radio Users to Virtually Any Worker Carrying Any Type of Mobile Device

Radio Link Express uses the same hardware and RIU as Radio Link, but does not include Push-to-Talk Professional rich PTT services.

End-to-End Services Keep Radio Link Up and Running at Peak Performance

Motorola offers a complete suite of Enterprise Mobility Services to get and keep Radio Link up and running at peak performance. Motorola’s Advanced Services experts reduce implementation time and help to minimize potential integration issues, while seamless integration with Motorola’s Customer Services team helps ensure that all elements of the solution work at peak performance levels.

High Performance, Low Complexity

Radio Link runs on the Mobile Extension Feature Appliance or NX 4500/6500 platforms, which together with the Radio Interface Unit (RIU), acts as a gateway to two-way radio donor devices. The donors function as transceivers to field radio devices — Radio Link simply bridges the radio communications to Motorola’s EWP Series enterprise VoWLAN smartphones and mobile computers. The Radio Link Express solution enables instant out-of-the-box basic PTT services, without any PBX integration. Radio Link Express uses the same hardware and RIU as Radio Link, but does not include Push-to-Talk Professional rich PTT services.

(Note that Radio Link Express is only available on the NX4500/6500 platform.)
RADIO LINK SPECIFICATIONS

Hardware
Customers have a choice of purchasing the Radio Link application running on the Mobile Extension feature appliance or the NX4500/6500 platform. Hardware specifications for these two platforms can be found on their respective data sheets.

Software
Radio Link application

Donor radio guidelines
Models:
- North America: CM200, CDM1550-LS+, XPR4350, XPR4380, XTL1500, XTL2500, XTL5000
- EMEA: CM340, GM 1280, DM3400
- LATAM: EM200, DGM4100
- APAC: GM3188, XIR M8220

For further information on acquiring two-way donor radios, contact your local two-way radio dealer, or:
- US/Canada: contact Motorola at 1-800-827-2744 (ask for Inside Sales) or visit the Motorola 2-Way Dealer Locator (enter ‘Conventional Mobiles’ or ‘MOTOTRBO’ in the ‘I am looking for’ field)
- Europe: visit the regional Dealer Locator or contact Motorola
- APAC: visit the regional Motorola 2-way Dealer Locator (enter ‘Two-Way Radio Distributor’ in the Category field) or contact Motorola
- LATAM: visit the ‘Contact Motorola’ page on the regional motorola.com site

Warranty
Radio Link software is warranted against defects for a period of 90 days from the date of shipment. The Mobile Extension Feature Appliance is warranted against defects in workmanship and materials for a period of 12 months from date of shipment, provided that the product remains unmodified and is operated under normal and proper conditions.

PUSH-TO-TALK PROFESSIONAL/EXPRESS SERVICES

<table>
<thead>
<tr>
<th>PUSH-TO-TALK PROFESSIONAL</th>
<th>PUSH-TO-TALK EXPRESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTT</td>
<td>1-1 and group (up to 255 talk groups)</td>
</tr>
<tr>
<td>Users</td>
<td>Up to 4,500</td>
</tr>
<tr>
<td>Coverage</td>
<td>Seamless roaming throughout the WLAN</td>
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</tbody>
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NOTES:

Note 1: Device networking protocols:
- Unicast Mobile Extension PTT devices - Unicast (Push-to-Talk Professional)
- EWP, two-way radios and Push-to-Talk Express devices - Multicast (Push-to-Talk Express)

Note 2: Unicast broadcasting can easily traverse subnets, so these talk groups (1-4 in an integrated Mobile Extension/Radio Link deployment) should be designated for talk groups that need to cross subnets.

For more information about Radio Link and Motorola’s Integrated Enterprise Voice solutions, please visit www.motorolasolutions.com/enterprisevoice or access our global directory at www.motorolasolutions.com/contactus