



# Total Enterprise Access and Mobility (TEAM) Radio Link Solution (RLS)

## PTT communications between two-way radios and TEAM devices

The TEAM Radio Link Solution (RLS) enables enterprises with existing two-way radio systems to extend their PTT talk group communications to TEAM devices. Available as an optional module for the TEAM VoWLAN solution, or as a stand-alone system, the RLS lets both two-way radio users and TEAM device users reach more colleagues. The result is improved responsiveness and productivity.

## High performance, low complexity

The TEAM RLS module utilizes the TEAM Feature appliance (this is the same appliance used for the TEAM VoWLAN solution's Wireless Services Manager (WSM)), 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. The RLS application simply bridges the radio communications to TEAM VoWLAN and TEAM Express field devices. The stand-alone TEAM RLS Express solution functions similarly, and uses the same hardware appliance and RIU as the integrated RLS, but does not include TEAM VoWLAN capabilities or require PBX integration.

## Extensive interoperability

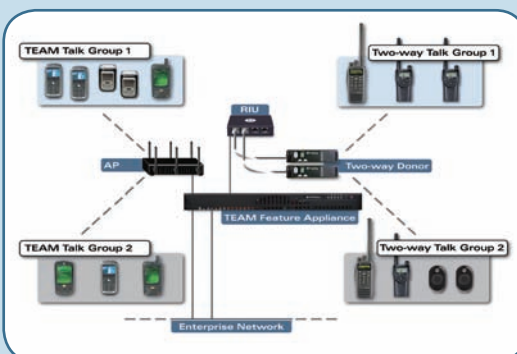
TEAM RLS allows enterprises to build on their current IT investment by enabling PTT talk group communications between existing two-way radios and TEAM VoWLAN smartphones, TEAM Badges, and a broad range of Motorola TEAM Express enabled mobile computers. Compatibility with the two-way donor radios will define the field units that will work with the RLS solution (see donor list within specs).

## End-to-end services keep your TEAM RLS up and running at peak performance

Motorola offers a complete suite of Enterprise Mobility Services to get and keep your TEAM RLS 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.

For more information about the TEAM RLS and the TEAM solution, please visit [www.motorola.com/teamrls](http://www.motorola.com/teamrls) or access our global directory at [www.motorola.com/enterprisemobility/contactus](http://www.motorola.com/enterprisemobility/contactus).

## How TEAM RLS Works



- PTT talk-group interoperability is accomplished by connecting two-way radio "donor" devices to the RIU (Radio Interface Unit), which connects to the RLS appliance.
- 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.
- TEAM VoWLAN and TEAM Express communications are carried over the enterprise WLAN/LAN to the RLS appliance through the IP network. The RLS appliance then routes communication to the 2-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 to TEAM communications.

**SPECIFICATION SHEET**

TOTAL ENTERPRISE ACCESS AND MOBILITY (TEAM) RADIO LINK SOLUTION (RLS)

**Radio Link Solution (RLS) Specifications:**

<b>Hardware:</b>	<p>Appliance (same as TEAM VoWLAN WSM – only required for separate purchase for RLS Express)</p> <ul style="list-style-type: none"> <li>- 1U Chassis w/260W PS; no Rails</li> <li>- 1 RJ-45 serial port</li> <li>- 2 USB ports</li> <li>- 2 Ethernet ports (port 2 is not used)</li> <li>- Requires external USB DVD-ROM for installs and upgrades (not supplied)</li> </ul> <p>RIU (1.0" H x 4.0" W x 3.4" D)</p> <ul style="list-style-type: none"> <li>- Requires USB and radio interface cables</li> <li>- Powered by Universal Serial Bus cable, 5 VDC, 500 mA</li> <li>- 1 USB port, interface to WSM/RLS appliance</li> <li>- Each RIU supports up to 4 talk groups. Can connect 2 RIU to the appliance for up to 8 talk groups</li> </ul> <p>Optional Donor Radio tray – available for CM200, CM340, EM200 and GM3188 in a 1U rack mount form factor</p>
<b>Software:</b>	Radio Link Solution (RLS) application
<b>Donor radio guidelines:</b>	<p>Models:</p> <p>North America: CM200, CDM1550-LS+, XPR4350, XPR4380, XTL1500, XTL2500, XTL5000</p> <p>EMEA – CM340, GM 1280, DM3400</p> <p>LATAM – EM200, DGM4100</p> <p>APAC – GM3188, XiR M8220</p> <p>For further information on acquiring two-way donor radios, contact your local two-way radio dealer, or:</p> <ul style="list-style-type: none"> <li>- US/Canada: contact Motorola at 1-800-927-2744 (ask for Inside Sales) or visit the Motorola 2-Way Dealer Locator (enter either: 'Conventional Mobiles' or 'MOTOTRBO' in the 'I am looking for' field)</li> <li>- Europe: visit the regional Dealer Locator or contact Motorola</li> <li>- APAC: visit the regional Motorola 2-way Dealer Locator (enter 'Two-Way Radio Distributor' in the Category field) or contact Motorola</li> <li>- LATAM: visit the 'Contact Motorola' page on the regional motorola.com site</li> </ul>
<b>Warranty:</b>	<p>The RLS software is warranted against defects for a period of 90 days from the date of shipment. The RLS hardware 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.</p>

**TEAM VoWLAN and TEAM Express Push-to-Talk Services**

	TEAM VOWLAN	TEAM EXPRESS
<b>PTT</b>	1-1 and group (up to 255 talk groups)	Group (up to 32 talk groups) with private response
<b>Users</b>	Up to 4,500	Up to 63
<b>Coverage</b>	Seamless roaming throughout the WLAN	Single subnet*

\* Access may be extended (beyond a single subnet) by optimizing network conditions

**About the TEAM VoWLAN Solution**

Motorola's TEAM VoWLAN solution enables a truly mobile office experience by delivering the communication services required to stay on top of business throughout the day. Easy to deploy, the TEAM VoWLAN solution easily integrates into existing IT infrastructure (including the wireless LAN and the PBX) as a non-intrusive overlay, creating a single common platform for the delivery of integrated voice and data services. This solution provides on-the-move workers with mobile access to key voice and data business services workers need to stay productive while on the move, including: Toll-quality, PBX-based telephony, Enterprise-grade Push-to-Talk services, Corporate email, calendar, contacts and other personal information management (PIM) tools, Text messaging within the WLAN, Internet/intranet access and Line of business applications.

**About TEAM Express**

The TEAM Express Solution enables enterprises to quickly and easily add basic Push-to-Talk communications to a variety of Motorola devices, creating a powerful instant voice connection between your workers — without requiring the purchase of new devices or network/telephony infrastructure. Now, workers can initiate a broadcast Push-to-Talk call, and others can respond either to the entire group — or only to the original caller via the private response key.



**MOTOROLA**

motorola.com