



# MOTOTRBO™ CONNECT PLUS DIGITAL TRUNKING

EXTENDED COVERAGE. EXPANDED INFORMATION. EXCEPTIONAL EFFICIENCY



When your business is growing beyond a small enterprise; when you're coordinating operations over several different sites; when your existing communications system is getting congested, that's when you need to move to a digital trunked two-way radio solution. And that's where Connect Plus can help.

MOTOTRBO Connect Plus is a digital trunked two-way radio solution based on the DMR standard. It gives you all the benefits of digital technology – better audio, better coverage, better capacity and better battery life – with the scale and efficiency of trunking.

## ADVANCED DATA FEATURES

Connect Plus integrates advanced user features such as GPS location-reporting\*, text messaging\* and mandown alerting. There are also advanced system features such as user authentication, enhanced privacy and over-the-air radio programming. So now even the most demanding businesses can be empowered with widearea communications.

## SEAMLESS MIGRATION

If your business is currently using a legacy trunked radio system, Connect Plus offers many options for a seamless migration. The spectrum mask for Connect Plus and MPT1327 is the same, and multiple systems can be bridged using the MOTOBRIDGE IP interoperability solution.

## MOTOTRBO CONNECT PLUS GIVES YOU MORE:

- More coverage, with support for trunking on up to 70 sites and 770 traffic channels
- More capacity, with support for up to 420 repeaters and up to 3000 users per site.
- More control, with advanced security, access management and privacy options.

## FEATURES INCLUDE:

- Dedicated Control Channel
- Up To 70 Sites
- Up To 15 Repeaters/Site
- Up To 420 Repeaters/System
- Up To 3000\*\* Users/Site
- Automatic Roaming
- Private Call
- Group Call
- Multi-Group Call
- Site All Call
- Network All Call
- Text Messaging
- GPS Location-Reporting
- Inbound/Outbound Telephone Calls
- Secure Authentication
- Resilient Architecture
- Dispatch Console (Optional)

\* Selected Radios

\*\* Based on standardized call model

HIGH AVAILABILITY TRUNKED VOICE AND DATA FOR THE LARGE BUSINESS

**WHEN TRUNKING IS THE ANSWER**

Trunking technology is designed to accommodate a large number of users on a small amount of radio spectrum. In a trunked system, channels are allocated by a centralized controller. Your valuable spectrum is used with maximum efficiency.

**FIELD PROVEN, RUGGED, RELIABLE**

Connect Plus is a field-proven trunking solution that is deployed worldwide by many businesses across many industries. The solution continues to grow in scale and capabilities: From 6 to 70 sites, and from basic functionality to advanced features and options.

**SCALABLE TO MEET YOUR NEEDS**

Connect Plus is modular, and can be implemented in many different configurations depending on your needs and your priorities. As your business grows, you can increase capacity, coverage and resiliency as required – simply by plugging in more MOTOTRBO repeaters and controllers.

**TOTAL CONNECTIVITY FOR YOUR WORKFORCE**


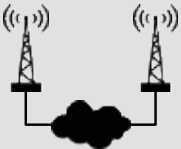

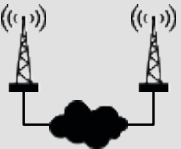
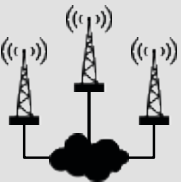





With the MOTOTRBO Connect Plus Telephone Interconnect feature, you can connect your staff to people inside and outside your business, on their fixed or cellular phones.

Handle customer queries direct, and manage inter-company transactions seamlessly. The MOTOTRBO Connect Plus XRI Interconnect Gateway improves your efficiency and responsiveness. The XRI 9100 supports half-duplex communications for up to 16 phone lines simultaneously. A call can be initiated by a telephone user, and may be a private call, group call or multi-group call. Private calls can also be initiated by an authorized radio user straight from the radio keypad. Customizable interactive voice prompts are provided for telephone users, and entry to the system can be restricted by caller and by talkgroup. The included Connection Tool software allows you to manage configuration and connectivity, and view status on a “Site Dashboard”.

**MOTOTRBO ANYWHERE**

You also have the opportunity to integrate Android and iOS mobile devices into your network. MOTOTRBO Anywhere is an Enterprise Push-To-Talk over Broadband solution. It uses a free app from Google Play or the App Store to connect over Wi-Fi or cellular to a gateway in your MOTOTRBO Connect Plus system. For those who need extra reach, choice and flexibility, MOTOTRBO Anywhere is the ideal choice.

**MOTOTRBO SYSTEM TYPES**

CONVENTIONAL	IP SITE CONNECT	CAPACITY PLUS	LINKED CAPACITY PLUS	CONNECT PLUS
				
				
NO TRUNKING	NO TRUNKING	DYNAMIC TRUNKING	DYNAMIC TRUNKING	FULL TRUNKING
SINGLE SITE	UP TO 15 SITES	SINGLE SITE	UP TO 15 SITES	UP TO 70 SITES
200 USERS*	200 USERS/SITE*	1600 USERS*	1600 USERS/SITE*	3000 USERS/SITE*
BASELINE CAPACITY AND COVERAGE	COST EFFECTIVE COVERAGE	COST EFFECTIVE CAPACITY	CAPACITY AND COVERAGE	CAPACITY, COVERAGE AND CONTROL

\* Based on standardized call model

**THE POWER OF TEAM COMMUNICATIONS**

A large manufacturing organization is spread across several states, but must coordinate operations with seamless efficiency. Earlier today, there was an issue with a part from a new supplier that stopped the production line. But using the MOTOTRBO system, the Quality team was able to respond immediately, using the capabilities of Connect Plus to talk to the engineering team in a different plant, and with MOTOTRBO Anywhere to connect to the purchasing manager’s smartphone. With everyone working together, the issue was resolved very quickly, and now the line is back up and running.

**SERVICES**

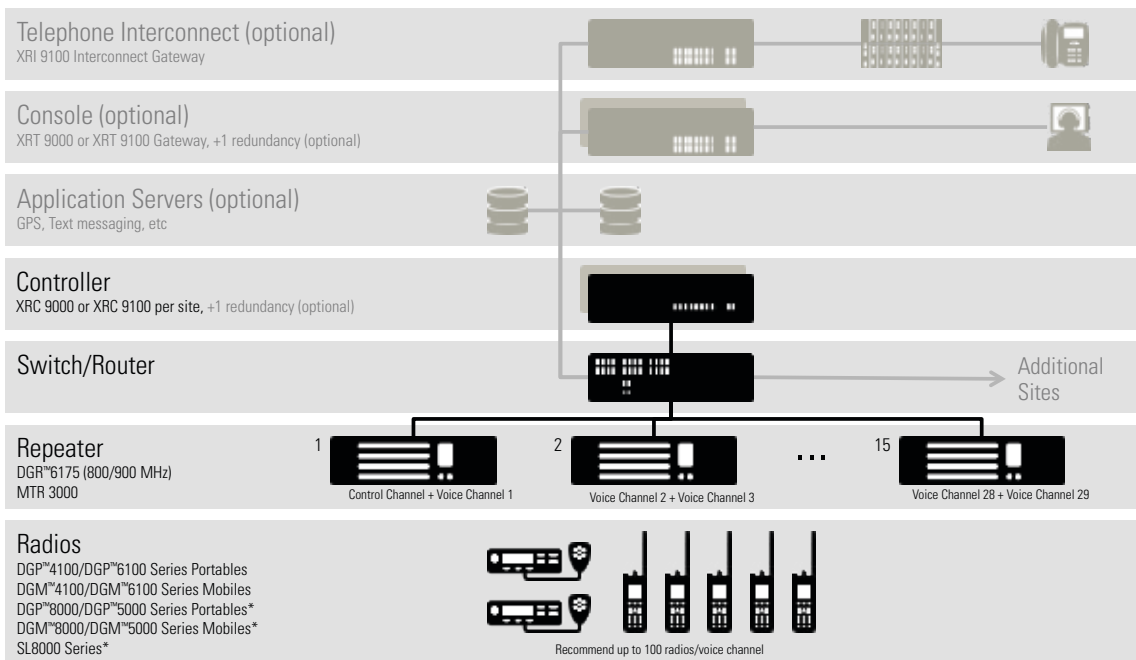
Motorola’s support plan allows you to remain focused on your business, not your technology.

Motorola also offers Implementation and support services, to help you plan, deploy and optimize your Connect Plus system. From coverage mapping to device programming, we can leverage our experience and expertise to transform your business’s communications.

**CONNECT PLUS**

When you need more: more coverage, more capacity, more choice, more capabilities, MOTOTRBO Connect Plus delivers. With the efficiency of trunking, and the advanced voice and data features of MOTOTRBO, it can empower your business to connect like never before.

**MOTOTRBO CONNECT PLUS SYSTEM ARCHITECTURE**





## ADVANCED TWO-WAY RADIO TRUNKING SOLUTION

- Dedicated control channel
- Efficient spectrum usage through subscriber tracking
- ETCA (Enhanced Traffic Channel Access) significantly decreases the chance of call collision
- Subscriber authentication
- Enhanced privacy
- Up to 70 sites
- Up to 15 repeaters/site
- Up to 420 repeaters
- Up to 2000\* users/site
- Automatic roaming, with configurable neighbor list
- Remote access for management of repeaters and radios
- Mailbox-based text messaging service
- GPS location-reporting (single or periodic)
- Private call
- Group call
- Multi-group call
- Site all call
- Network all call
- OTA programming of subscriber units
- Resilient architecture, with optional redundancy
- Remote Monitor
- Late entry to group calls
- Call Alert and Radio Check
- Radio disable/re-enable
- Emergency Alert
- Console (Direct and Wireless IP options)
- Inbound/Outbound Telephone Calls
- Man Down (optional): tilt / movement / no movement

\* Based on standardized call model

For more information on Connect Plus, visit: [www.motorolasolutions.com/mototrbo](http://www.motorolasolutions.com/mototrbo)

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**MOTOTRBO**  
REINVENTING  
DIGITAL