



# 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 Tier II 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

It integrates advanced user features such as GPS location-reporting\*, text messaging\* and man-down 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 wide-area communications.

## SEAMLESS MIGRATION

If your business is currently using a legacy trunked radio system, Connect Plus offers many options for a seamless migration.

The Motorola NX6524 Integrated Services Platform brings additional features to Connect Plus. It provides the switch and router functionality at the heart of the system – but so much more: With its built-in Wireless LAN Controller, firewall and virtualization, you can now integrate all your business communication systems into one.

## MOTOTRBO CONNECT PLUS GIVES YOU MORE:

- **More coverage**, with support for trunking on up to 70 sites and 770 traffic channels
- **More choice**, with compatibility for a wide range of MOTOTRBO two-way radios
- **More capabilities**, with the enterprise features of the Motorola NX Integrated Services Platform

## FEATURES INCLUDE:

- Dedicated Control Channel
- Up To 70 Sites
- Up To 15 Repeaters/Site
- Up To 420 Repeaters/System
- Up To 77000 Subscribers
- Automatic Roaming
- Private Call
- Group Call
- Multi-Group Call
- Site All Call
- Network All Call
- Text Messaging
- GPS Location-Reporting
- Secure Authentication
- Resilient Architecture
- Dispatch Console (Optional)

\* Selected Radios

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.


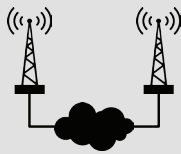

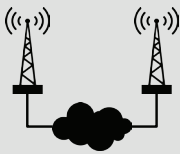
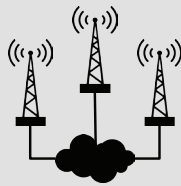





### SCALABLE TO MEET YOUR NEEDS

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.

### 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
				
				
<b>NO TRUNKING, NO CONTROL CHANNEL</b>	<b>NO TRUNKING, NO CONTROL CHANNEL</b>	<b>BASIC TRUNKING, NO CONTROL CHANNEL</b>	<b>BASIC TRUNKING, NO CONTROL CHANNEL</b>	<b>TRUNKING, CONTROL CHANNEL</b>
SINGLE SITE LOW TRAFFIC	UP TO 15 SITES LOW TRAFFIC	SINGLE SITE MEDIUM TRAFFIC	UP TO 15 SITES MEDIUM TRAFFIC	UP TO 70 SITES HIGH TRAFFIC
UP TO 100 USERS	UP TO 100 USERS	UP TO 1200 USERS	UP TO 1600 USERS	UP TO 77000 USERS

**+COVERAGE**

**+CAPACITY**

**+CAPABILITY**



NX6524 Integrated Services Platform

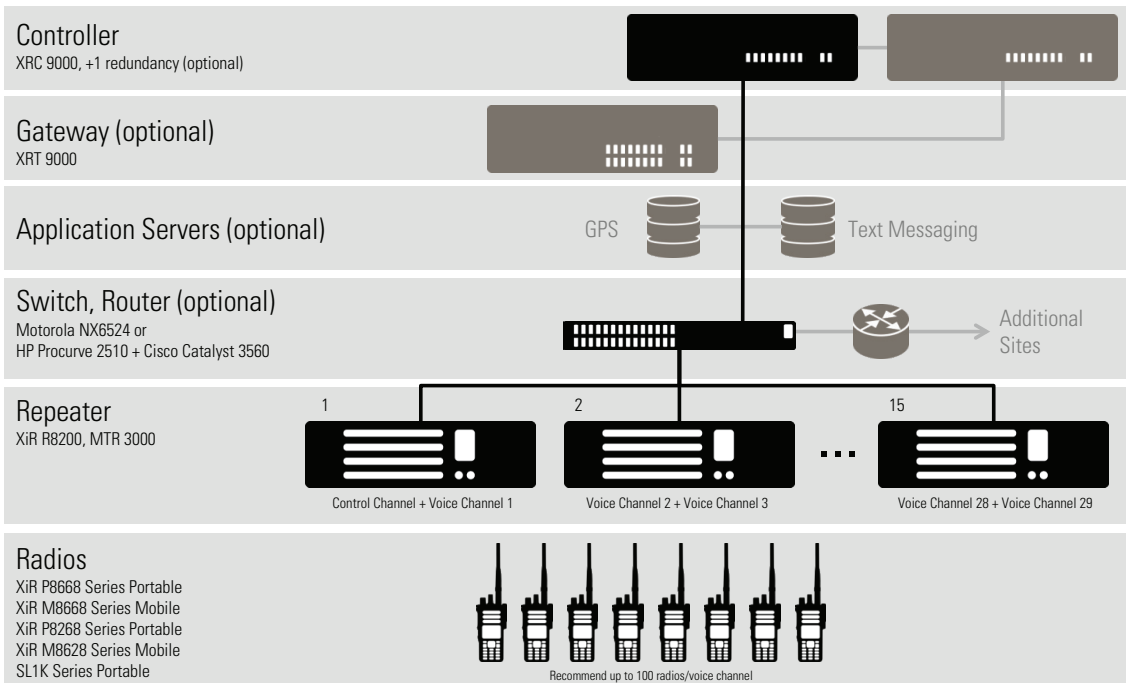
## THE POWER OF TEAM COMMUNICATIONS

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.

## 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





XRC 9000 Connect Plus Controller



XRT 9000 Connect Plus Gateway

## ADVANCED TWO-WAY RADIO TRUNKING SOLUTION BASED ON DMR TIER II

- 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 77000 subscribers
- 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)
- Man Down (optional): tilt / movement / no movement

For more information on Connect Plus, visit <http://www.motorolasolutions.com/MOTOTRBO>

To find your nearest Channel Partner, go to <http://www.motorolasolutions.com/contactus>

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**MOTOTRBO™**  
DIGITAL REMASTERED.