



MOTOTRBO TWO-WAY RADIO SOLUTIONS AT A GLANCE



MOTOTRBO

A COMPLETE END-TO-END SOLUTION

RADIOS

From simple voice-only models to feature-rich voice and data radios



ACCESSORIES

Our complete portfolio of accessories optimizes the performance of your MOTOTRBO radio



SYSTEMS

MOTOTRBO offers a wide range of systems that can evolve with your business



INFRASTRUCTURE

Repeaters, controllers and gateways are the backbone of your MOTOTRBO two-way radio system



APPLICATIONS

Leverage data applications from our application developer program to enhance your communications



CONSOLES & MANAGEMENT

Centralize management of your radio network and workforce for effective, efficient communications



SERVICES

We've got you covered, from pre-installation to post-implementation, with expert support



DISCOVER THE ULTIMATE IN SEAMLESS OPERATIONS WITH A TOTAL MOTOTRBO SOLUTION

Having MOTOTRBO at the heart of your organization will help you achieve new levels of productivity, safety and efficiency. The extensive portfolio means you can custom-build your complete solution including radios, infrastructure, systems, accessories, applications and services designed around what you need today and in the future.

INSTANTANEOUS PTT COMMUNICATION

Nothing is faster than push-to-talk (PTT) when you need a quick answer or immediate emergency response. It provides real time communication for individuals or groups across your entire team from the control room to the front-line, resulting in loyal customers, satisfied employees and increased business.

HEAR AND BE HEARD CLEARLY IN NOISY ENVIRONMENTS

Superb audio quality means MOTOTRBO delivers crystal-clear communications. The Intelligent Audio feature automatically adjusts radio volume up and down in response to the level of noise in the workplace. And with MOTOTRBO's background noise suppression, you can be confident communication is loud and clear.

REACH YOUR WORKFORCE WHEREVER THEY GO

Hear calls clearly over a greater range. MOTOTRBO features advanced digital signal processing to deliver voice integrity and clarity to the limits of coverage. And thanks to DMR TDMA technology, MOTOTRBO delivers twice the call capacity of analog radios so more workers can use voice and data, without worrying about privacy or interference.

KEEP COMMUNICATING FOR LONGER

Because MOTOTRBO radios use much less power in digital mode than analog, batteries last significantly longer on a single charge.

CHOOSE THE RIGHT SOLUTIONS FOR THE RIGHT USERS

Whether you want ultra-light portables or extra-tough mobiles, integrated Bluetooth® and WiFi® or industry-leading data applications, MOTOTRBO has the right devices and systems to fit your workforce now, and allows you to evolve as your enterprise grows.

MOVE FROM ANALOG TO DIGITAL WITH EASE

Migrate at your own pace, one talk group or department at a time. MOTOTRBO radios operate in both analog and digital mode, so you can use them on your existing analog system and move to digital when you're ready – all while running operations smoothly.

GET ADVANCED CAPABILITIES AND BUSINESS-CRITICAL FEATURES

MOTOTRBO has innovative features such as Transmit Interrupt, which lets you prioritize communication the moment it's needed. Man Down and Lone Worker applications call for help when personnel can't. GPS location tracking monitors vehicles, assets and the user in real time.

LEVERAGE EXPERT APPLICATIONS THAT GET THE JOB DONE EFFICIENTLY

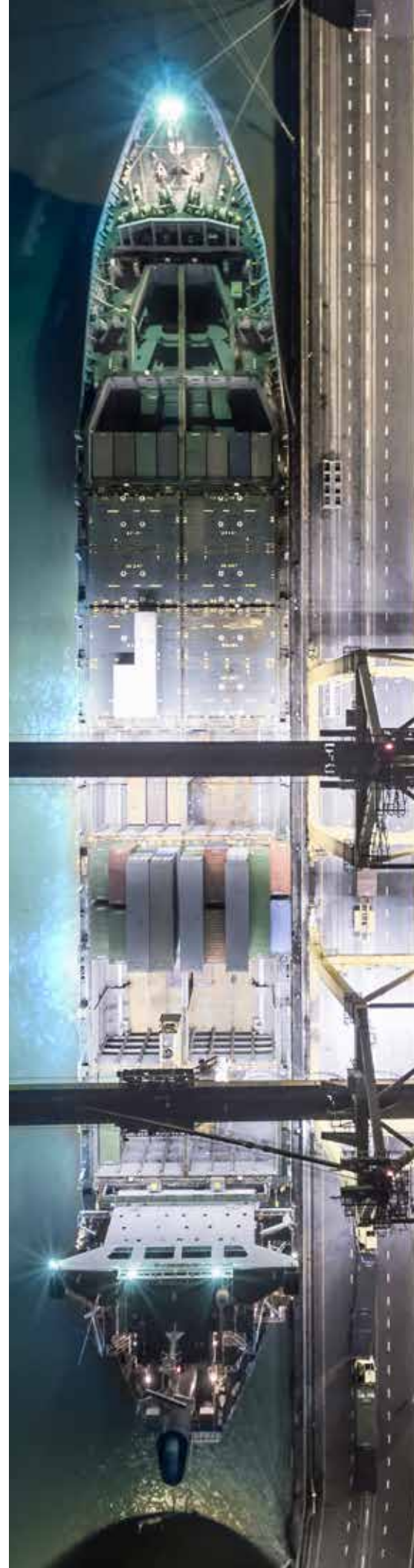
MOTOTRBO fits the way businesses run today, with an expert Application Developer Program that helps you customize your communication solution to your environment and workforce. Solutions range from text messaging, centralised dispatch and GPS tracking to personnel monitoring and work order ticket management. Applications like these make it easier to accomplish multiple tasks on a single purpose-built device.

KEEP CONNECTED WHEN CONDITIONS ARE TOUGHEST

MOTOTRBO is made to last. Our rugged, waterproof and intrinsically safe radios endure a rigorous Accelerated Life Testing (ALT) purpose-built device which simulates up to 5 years of field use. We design and engineer MOTOTRBO products to survive the harsh conditions of everyday business.

REACH EVERYONE, ANYWHERE

When you're running a professional operation, you need more than just radio-to-radio communications. MOTOTRBO has coverage options to suit your needs - whether you're operating in a single building, a large campus, or even multiple locations around the world. Connecting thousands of radio and smartphone users in a single location, your capacity options are virtually unlimited.





PORTABLE AND MOBILE RADIOS

The MOTOTRBO two-way radio portfolio offers you a wide choice of devices, from simple voice-only models to feature-rich voice and data radios. All devices work together seamlessly to deliver advanced features to enhance your safety, productivity and efficiency. With exceptional voice quality and outstanding usability, MOTOTRBO keeps your workforce connected.



PORTABLE AND MOBILE RADIOS

COMMERCIAL TIER

CP100d

SIMPLE AND EFFECTIVE FOR THE LIGHT USER WHO VALUES EASE AND EFFICIENCY

Communicate simply and efficiently. The CP100d Series gives you streamlined analog voice communications, and MOTOTRBO digital when you're ready. Easy to use and practical, the CP100d Series provides a straightforward path to digital migration.

COMPATIBLE WITH: IP SITE CONNECT CAPACITY PLUS CAPACITY MAX CONNECT PLUS



MOTOTRBO R2

SLIM AND TOUGH, FOR THE EVERYDAY USER WHO VALUES RELIABILITY

The MOTOTRBO R2 marries durability and ergonomics to ensure confident, easy handling. And with superior range, configurable audio and seamless integration, the R2 is a reliable addition to an uninterrupted workday.

COMPATIBLE WITH: IP SITE CONNECT CAPACITY PLUS CAPACITY MAX CONNECT PLUS



SL300

SLIM AND STYLISH, FOR THE CUSTOMER SERVICE USER WHO NEEDS INTUITIVE TECHNOLOGY

Connect to intuitive technology with this slim, lightweight radio. An eye-catching Active View display combines ruggedness with simplicity, and patented Range Max technology delivers great coverage with long battery life in a small, convenient outline. The radio supports analog and digital modes, and is complemented by a range of innovative accessories.

COMPATIBLE WITH: IP SITE CONNECT CAPACITY PLUS CAPACITY MAX CONNECT PLUS



CM SERIES

SIMPLE VOICE COMMUNICATIONS FOR THE EVERYDAY USER WHO WANTS TO STAY CONNECTED

Communicate simply and safely. CM200d and CM300d radios give you affordable analog voice communications, with the option to upgrade to MOTOTRBO digital when you're ready. With great performance and a straightforward user interface, the CM200d and CM300d simply keep your workforce connected.

COMPATIBLE WITH: IP SITE CONNECT CAPACITY PLUS CAPACITY MAX CONNECT PLUS





PORTABLE AND MOBILE RADIOS

ENTRY PROFESSIONAL TIER

SL 3500e

INSTANT COMMUNICATION, PROFESSIONAL STYLE

Slim, lightweight, and discreet, the MOTOTRBO SL3500e portable two-way radio gives you the power of instant two-way communication without compromising your style. Get quick access to key radio functions along with information at a glance. Connect discreetly to Bluetooth® earpieces and sensors. And access Wi-Fi networks for over-the-air software updates.

COMPATIBLE WITH: IP SITE CONNECT CAPACITY PLUS CAPACITY MAX CONNECT PLUS



XPR 3000e

COMPACT AND CAPABLE, FOR THE BUSY WORKER WHO NEEDS TO COMMUNICATE EFFICIENTLY

Connect with efficiency. The XPR 3000e Series delivers analog and digital voice capabilities, with support for basic systems and a feature-set geared to maximum workplace efficiency – including Wi-Fi for remote radio management and Bluetooth 4.0 (please check for availability). With excellent range and impressive battery life, these radios deliver cost-effective connectivity.

COMPATIBLE WITH: IP SITE CONNECT CAPACITY PLUS CAPACITY MAX CONNECT PLUS



XPR 2500

AFFORDABLE VOICE COMMUNICATIONS FOR THE BUSY PROFESSIONAL

The power of digital is within reach. The XPR 2500 features voice systems capability, twice the calling capacity and clearer voice communications. With Intelligent Audio, drivers don't need to adjust radio volume to avoid missing a call: the XPR 2500 monitors background noise and automatically adjusts itself.

COMPATIBLE WITH: IP SITE CONNECT CAPACITY PLUS CAPACITY MAX CONNECT PLUS



= Optional



UL Hazloc models available



Certified by CSA Group as intrinsically safe for use in Division 1, Class I, Groups A, B, C, D, Class II, Groups E, F, G, and Class III, when properly equipped with a Motorola CSA approved battery

PROFESSIONAL ENHANCED TIER

XPR 7000e

POWERFUL AND SOPHISTICATED, FOR THE PROFESSIONAL WHO REFUSES TO COMPROMISE

When you need complete connectivity, the XPR 7000e Series delivers. These portable radios have excellent range, battery life and audio quality in all digital and analog systems, and a full suite of features to enhance safety and productivity. And with integrated Wi-Fi, GPS and Bluetooth 4.0, you can be confident that your radio integrates the latest technology.

COMPATIBLE WITH: IP SITE CONNECT CAPACITY PLUS CAPACITY MAX CONNECT PLUS



XPR 5000e

POWERFUL AND SOPHISTICATED, FOR THE PROFESSIONAL WHO REFUSES TO COMPROMISE

When you need complete connectivity, the XPR 5000e Series delivers. These mobile radios have excellent range and audio quality in all digital and analog systems, and a full suite of features to enhance safety and productivity. And with integrated Wi-Fi, GPS and Bluetooth 4.0, you can be confident that your radio integrates the latest technology.

COMPATIBLE WITH: IP SITE CONNECT CAPACITY PLUS CAPACITY MAX CONNECT PLUS



CSA PORTABLE RADIOS (CANADA ONLY)

SPECIALIZED PRODUCTS FOR HAZARDOUS LOCATIONS

The XPR 7580e I.S. and XPR 7550 I.S. are certified to Canada's CSA standard for use in locations where flammable or explosive gas, vapor, dust or "flying" may be present. They have a comprehensive feature set, and are color-coded for easy identification. The radios are available with a dedicated portfolio of CSA-rated accessories.

COMPATIBLE WITH: IP SITE CONNECT CAPACITY PLUS CAPACITY MAX CONNECT PLUS



MOTOTRBO R7

LOUD AND RUGGED, FOR THE TEAM IN HARSH ENVIRONMENTS

MOTOTRBO™ R7 offers game-changing audio capabilities in a rugged, future-ready device. Its advanced audio processing ensures that your communications are loud and clear, while its rugged construction is ready for harsh environments, and advanced connectivity options get your workforce ready for tomorrow.

COMPATIBLE WITH: IP SITE CONNECT CAPACITY PLUS CAPACITY MAX CONNECT PLUS



PROFESSIONAL PREMIUM TIER

MOTOTRBO ION

ALL-ON VOICE AND BROADBAND DATA FOR THE CONNECTED MANAGER

Your business runs on voice and data. But if your devices can only access one, you're not running at your best. The rugged MOTOTRBO Ion smart radio is the first business-ready communication device with all-on voice and broadband data capabilities.

COMPATIBLE WITH: IP SITE CONNECT CAPACITY PLUS CAPACITY MAX CONNECT PLUS





RADIO ACCESSORIES

From discreet Bluetooth earpieces to efficient battery solutions, our complete portfolio of accessories optimizes the performance of your MOTOTRBO radio. They are designed to help you perform your best, wherever you work, and unleash the power of the industry's most advanced digital radio platform.

BLUETOOTH® WIRELESS FOR PORTABLE AND MOBILE RADIOS

Unleash the power of your MOTOTRBO radio without wires getting in the way. Our extensive suite of Bluetooth accessories free you to take the radio off your belt, leave your truck or step away from your desk (up to 30 feet away) and stay connected. Choose from a variety of earpieces, heavy duty wireless headsets and push-to-talk solutions that let you move without constraints around the workplace.



EARPIECES

Transmit and receive discreetly with a variety of earpieces that feature a streamlined design and rugged cables that withstand tough conditions. With in-line push-to-talk and microphones, they're easy to use on the go. Our flexible array of surveillance kits includes two-wire kits (one wire for receiving, one wire for transmitting) and more discreet three-wire kits (separate wires for transmitting, receiving and push-to talk).



HEADSETS

Protect hearing and facilitate communications in noisy environments. Select from a wide range of comfortable, durable, lightweight to heavy duty headsets with noise-canceling boom microphones and in-line push-to-talk.





RADIO ACCESSORIES

BATTERIES AND CHARGERS

MOTOTRBO batteries are developed, tested and certified for optimal performance with your MOTOTRBO radios and they outperform other brands of batteries. IMPRES batteries can be charged 150 additional times versus a standard battery – a 43% increase in charge cycles. IMPRES Over the Air Battery Management automatically collects battery information over the air while radios are in use, making battery management easier than ever.



REMOTE SPEAKER MICROPHONES (RSM)

Communicate clearly in loud workplaces. MOTOTRBO RSMs have exclusive audio features like windporting for windy outdoor environments and noise-canceling to reduce background noise. Exclusive IMPRES technology ensures your voice is heard clearer and more loudly over a wide range of conditions and the INC RSM suppresses extreme noise from high decibel equipment and heavy machinery so you can be heard above all.



MOBILE RADIO MICROPHONES

Choose microphones designed to keep workers safely connected on the move. Keypad microphones let you easily navigate menus on your radios, dial phone numbers and send text messages. The Long Range Wireless Remote Speaker Microphone (RSM) allows you to stay in touch even on remote job sites when you depend on your mobile radio but have to work outside your vehicle. It pairs instantly to the mobile microphone with Bluetooth gateway.



CARRY SOLUTIONS

Carrying cases are available in sizes designed to fit your radio and battery and permit audio to be heard clearly. Our carry accessories keep your hands free, so you can concentrate on the task at hand. Choose from a wide range of nylon cases, leather cases, straps, holsters and clips, all designed to keep your radio protected, yet still easy to access.



INSTALLATION AND MOUNTING KITS

Mounting kits give you the flexibility to mount the radio under or in your dashboard, between seats or on the floor. Remote mount kits allow you to mount the radio in the truck when dash space is limited.





SYSTEMS

No matter how large or small your enterprise, MOTOTRBO offers a wide range of systems specifically designed for your business – for the days ahead and the years beyond. You get the best of two-way radio with digital technology and enjoy integrated voice and data communication, increased capacity, enhanced features and exceptional voice quality, across the city and around the globe.





PORTABLE AND MOBILE RADIOS

CONVENTIONAL

BASELINE SINGLE SITE COVERAGE AND CAPACITY

A conventional system is a step up from basic radio-to-radio communications. Radios communicate via a high-power repeater, giving better coverage and more centralized control.



IP SITE CONNECT

COST-EFFECTIVE COVERAGE FOR MULTIPLE SITES

Use your IP network to extend the voice and data capabilities of MOTOTRBO by linking repeaters together. You can create a continuous network that covers employees at 15 geographically-dispersed locations. You can also link up to 15 repeaters to create wide area coverage or enhance coverage quality at a single site.



CAPACITY PLUS

COST-EFFECTIVE COVERAGE AND CAPACITY FOR SINGLE AND MULTIPLE SITES

Expand the capacity and extend the coverage of MOTOTRBO with this entry-level digital trunking system. With multi-site Capacity Plus (formerly Linked Capacity Plus) you can connect up to 15 sites, each with up to 8 voice and data repeaters - plus up to 12 dedicated data repeaters.



CAPACITY MAX

COVERAGE, CAPACITY AND CONTROL FOR SINGLE AND MULTIPLE SITES

The next generation of trunking has arrived. MOTOTRBO Capacity Max blends innovation with Motorola's extensive real-world experience of trunked radio systems to deliver a scalable communications solution that's perfect for your business.





INFRASTRUCTURE

Repeaters, controllers and gateways are the backbone of your MOTOTRBO two-way radio system. They ensure your radio network is available at all times and that communications are clear, reliable and secure across your enterprise.

SLR 1000 SERIES REPEATER

Using the SLR 1000 repeater, you can easily extend the range of your network through dead zones and across remote locations, so everyone's within reach. Deploy the SLR 1000 indoors or out—it's IP65-rated for dust and water protection. The compact size gives you more installation options. And a low power, fanless design uses less space and energy.



SLR 5000 SERIES REPEATER

A next-generation DMR repeater, the SLR 5000 Series offers high performance, high efficiency and a design for the future. The product has a 50 W continuous-duty output and high sensitivity for optimum coverage, and high reliability and low power consumption for low cost of ownership. With a slim, modular design, the product is easy to install and service.



SLR 8000 SERIES REPEATER

Built on the slim next-generation repeater platform, this repeater supports up to 100 W continuous-duty operation, with high sensitivity for exceptional coverage. The modular design keeps reliability high while allowing for configurable options.





INFRASTRUCTURE

CAPACITY MAX SYSTEM SERVER

Part of the next-generation Capacity Max trunking solution, the System Server hosts control and management functions. Each server can support up to 100 voice/data talkpaths. Redundant servers can be provisioned to increase system resilience.



WAVE GATEWAYS

Get WAVE PTX broadband PTT without the startup costs or maintenance that come with servers installed in your facility. Cloud-based WAVE deployments use a simple WAVE Gateway to connect MOTOTRBO Capacity Plus or Capacity Max systems to our WAVE PTX servers in our secure data center.



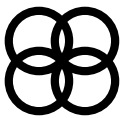


APPLICATIONS

With a wide range of applications and an expert application partners program, MOTOTRBO offers custom solutions that truly meet your business needs. Business-specific applications like these increase the level of efficiency, safety and productivity throughout your enterprise.



APPLICATIONS



COMMAND AND CONTROL

These applications work behind the scenes of your MOTOTRBO network to enhance the efficiency and responsiveness of your system. Interfacing to a Work Order Ticketing system, managing alarms and telemetry, and connecting to other messaging systems, they bring significant benefits to your business.



PERSONNEL SAFETY

Increase the safety and accountability of your staff by deploying these applications. Features such as Man Down and Lone Worker can be linked to indoor and outdoor location services for maximum effectiveness.



INTEROPERABILITY

Connect your MOTOTRBO radio system to other communication systems. From analog two-way radio systems to SIP telephone networks to cellular providers, you can increase efficiency and increase collaboration.



LOCATION

Track your vehicles and your staff for improved safety, security and accountability. These applications allow you to make the most of MOTOTRBO's GPS capabilities, and some even offer indoor location tracking capabilities.



SYSTEM MONITORING

To get the best from your MOTOTRBO system, you need to know how it's performing. These applications give you a dashboard view of key metrics and parameters, with detailed logs helping you plan future growth and upgrades.



TEXT MESSAGING AND EMAIL

Enhance productivity by connecting your radio network with your text and email system. Allow your staff to use advanced work order ticketing solutions, or simply streamline the flow of information between office and shop floor.



VOICE DISPATCH

Giving you centralized control of your workforce, these applications offer customizable user interfaces to allow your dispatcher to coordinate your staff efficiently and effectively. They also enhance business connectivity by allowing telephony interconnections and multi-system patching.



WORK TICKET MANAGEMENT

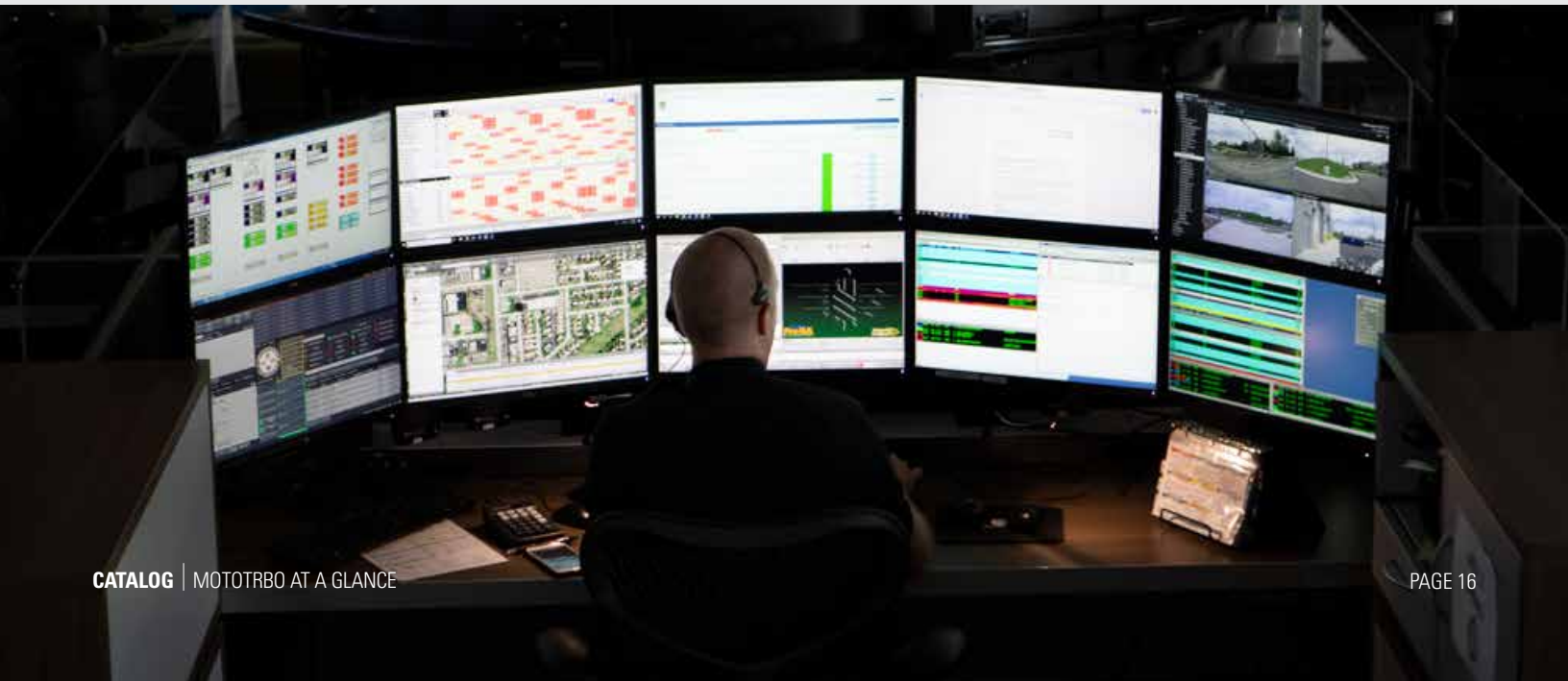
These applications enhance efficiency and accountability in the workplace using text-based issue management software. They can be integrated with your existing work-order management solution or can be operated as an independent system.





CONSOLES & SYSTEM MANAGEMENT

With options designed for your business, this portfolio of dispatch consoles and system management applications has the features you need to make quick decisions, mobilize a fleet and keep teams informed.





CONSOLES & SYSTEM MANAGEMENT

AVTEC SCOUT

Scout is a true VoIP console system: all its components may be distributed over a LAN/WAN using standard Ethernet connections. The system uses a wireline interface to connect with MOTOTRBO systems, for increased functionality, call capacity and system reliability.

Scout provides a dedicated media workstation. This allows customers to operate on standard hardware for reduced costs. Radio, Telephony, and I/O integration are supported.



GENESIS GW3-TRBO®

GW3-TRBO represents the ultimate in system management for MOTOTRBO. With GW3-TRBO, you have an easy way to generate detailed metrics of your MOTOTRBO system performance.

GW3-TRBO connects directly to the MOTOTRBO system through a wireline interface. It captures usage information for every site, channel, slot, talkgroup and subscriber.



TRBOnet

TRBOnet Plus is an IP-based dispatch application that enables users to fully control and manage all available resources. The software includes a wide range of advanced features and functions to extend capabilities beyond basic dispatch. Text messaging, voice recording, telephone interconnect and many other features all combine to boost communication efficiency.



SmartPTT

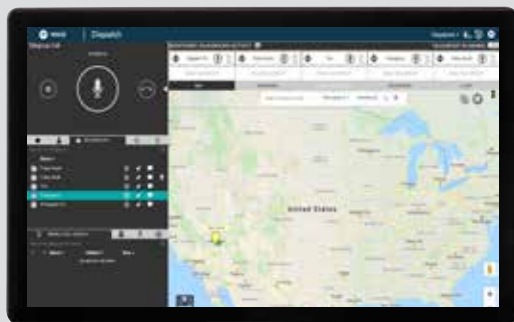
SmartPTT PLUS is a dispatch software application for distributed MOTOTRBO radio networks. Standard functionalities include voice dispatch, texting, job ticketing, event logging and more. Optional features include GPS tracking, indoor location, voice recording, interoperability, telephone interconnect and a web client for remote system access. SmartPTT supports both the digital functions of the MOTOTRBO radios or their analog mode for a seamless migration to a DMR system.



WAVE PTX™ BROADBAND PUSH-TO-TALK

WAVE PTX client applications provide the user interface to a WAVE PTX communication system and are available for smartphones, tablets and desktops.

WAVE APPLICATIONS ENABLE YOUR WORKFORCE TO CONNECT AND COLLABORATE



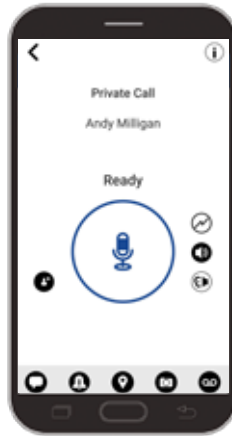
With WAVE PTX Dispatch you can use a web browser to access your MOTOTRBO radio channels.



With the WAVE PTX mobile application, incorporate PTT, photos, video and more into a single communication session.



CONSOLES & SYSTEM MANAGEMENT



TAKE PTT FURTHER



COMMUNICATE WITHOUT BOUNDARIES

Eliminate barriers between devices, networks and locations, and let everyone be part of the conversation.



SEAMLESSLY EXTEND RADIO COMMUNICATION

Extend your private and group calls to broadband with a direct wireline connection.



CLOUD-BASED

No servers to buy, install or maintain so you can focus on your business.



SERVICES

Ensure and maintain the robust performance of your MOTOTRBO radios with a complete suite of services. We've got you covered, from pre-installation to post-implementation, with expert support to make sure your business runs without interruption, disruption or unplanned downtime.



PREMIER SERVICES FOR MOTOTRBO TWO-WAY RADIOS

Critical communication has become increasingly complex as your MOTOTRBO two-way radios become more IP-based, supporting integrated data applications and enhanced features. Rely on us to help you achieve your performance targets with the right level of service you need for your radio fleet. With Premier Services, you transfer your MOTOTRBO two-way radio operations to our experienced managed services professionals to address the evolving technical and functional requirements of your two-way radios. **To learn more, please visit [motorolasolutions.com](https://www.motorolasolutions.com)**



ESSENTIAL SERVICES FOR MOTOTRBO TWO-WAY RADIOS AND INFRASTRUCTURE

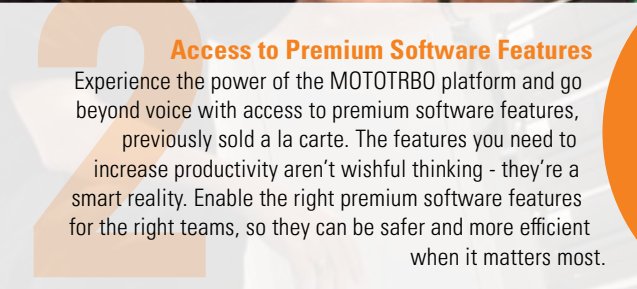
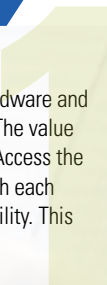
Motorola Solutions is enhancing the MOTOTRBO platform with new service packages that include access to software updates, premium software features and extended hardware repair services. Your business's security and technology needs are rapidly evolving, and we want to make sure you have a world-class experience each and every time you use your MOTOTRBO products.

These new service packages bring three key benefits to your MOTOTRBO platform



The Value of Software Updates

MOTOTRBO, as all computing systems, is composed of hardware and software. The value of hardware is significant, but static. The value of software, on the other hand, keeps growing over time. Access the latest and greatest features and functionality available with each software release for added capabilities, security, and reliability. This increases the value of your investment with every update.



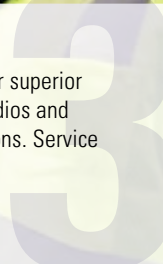
Access to Premium Software Features

Experience the power of the MOTOTRBO platform and go beyond voice with access to premium software features, previously sold a la carte. The features you need to increase productivity aren't wishful thinking - they're a smart reality. Enable the right premium software features for the right teams, so they can be safer and more efficient when it matters most.



The Value of Hardware Repair

Our two-way radios and infrastructure are built for superior performance. With expert hardware repair, all radios and infrastructure are returned to factory specifications. Service centers are certified to comply with ISO9001.



COMPLEXITY MANAGED, CALM PREVAILS



Advanced Replacement for Network Hardware Repair is a repair exchange service for Motorola Solutions repeaters & Capacity Max system servers. This add-on service is available for systems so you can stay productive and run an efficient operation.



Accidental Damage offers you full coverage to keep you worry free. Accidental Damage is an add-on service that provides you with additional coverage for your two-way radios for repair and replacement beyond normal wear and tear.



Network Monitoring is an add-on service for MOTOTRBO systems to help you monitor and update your network to improve response and continuity of your Capacity Max system.

SERVICE TOOLS

CUSTOMER PROGRAMMING SOFTWARE

The MOTOTRBO Customer Programming Software (CPS) provides complete access to the configuration of your radio. Update firmware, enable features, change talkgroups, add language packs and upload voice announcements to your radio from your desktop.



RADIO MANAGEMENT

As an add-on to the CPS software, Radio Management gives you the capability to program radios in batches to standardized templates. Reduce errors, organize large fleets more efficiently, and streamline large-scale updates.



OVER-THE-AIR PROGRAMMING

Over-the-Air Programming (OTAP) allows you to update radios remotely, either via Wi-Fi or over the MOTOTRBO network. Updates can be centrally managed and scheduled to minimize disruption to your business-critical communications.



MYVIEW PORTAL

MyView Portal is a web-based platform that gives you a transparent, single source view for system and service delivery information to help make smarter, faster and more proactive decisions to keep your network running smoothly and effectively.



IMPRES FLEET MANAGEMENT

Regularly monitor the health and status of your radio fleet. By collecting data from each battery, you can now see recommendations on which batteries need replacing so that you can better optimize your battery spend over the lifetime of your radio fleet.





BUSINESSES AROUND THE WORLD TRUST **MOTOTRBO** TO TRANSFORM THE WAY THEY WORK

Today, from the production line to the power line, MOTOTRBO radios are helping people work more efficiently, productively and safely. MOTOTRBO delivers the game-changing advantages of digital technology – from superb audio to expansive coverage – along with business-essential systems, applications and accessories that unleash the power of the radio.

MOTOTRBO puts the right device into the hands of the right user, to empower your workforce and transform your enterprise.



MOTOTRBO PORTABLE RADIO FEATURES



	CP100d	R2	SL300	SL 3500E	XPR 3300E	XPR 3500E
FREQUENCY BAND	VHF, UHF	VHF, UHF	VHF, UHF	VHF, UHF	VHF, UHF	VHF, UHF
CHANNELS	16, 160	64	2, 99	128	16	128
IP RATING	IP54	IP54	IP54	IP54	IP67	IP67
DIGITAL	Y	Optional	Y	Y	Y	Y
ANALOG	Y	Y	Y	Y	Y	Y
BASIC PRIVACY	N/A	Y	Y	Y	Y	Y
BLUETOOTH AUDIO	N/A	N/A	N/A	Y	Y	Y
BLUETOOTH DATA	N/A	N/A	N/A	Y	Y	Y
DISPLAY	Optional	N/A	Optional	Y	N/A	Y
EMERGENCY CALL	N/A	N/A	Y	Y	Y	Y
ENHANCED PRIVACY	N/A	N/A	N/A	5 Years	5 Years	5 Years
GPS	N/A	N/A	N/A	N/A	N/A	N/A
HAZLOC	N/A	N/A	N/A	N/A	Optional	Optional
IMPRES ENERGY	N/A	N/A	N/A	N/A	Y	Y
IMPRES OVER-THE-AIR	N/A	N/A	N/A	N/A	Y	Y
INDOOR LOCATION-TRACKING	N/A	N/A	N/A	N/A	N/A	N/A
INTELLIGENT AUDIO	N/A	N/A	N/A	Y	Y	Y
KEYPAD	Optional	N/A	N/A	N/A	N/A	Limited
LONE WORKER	N/A	N/A	Y	Y	Y	Y
MAN DOWN	N/A	N/A	N/A	N/A	N/A	N/A
OTAP	N/A	N/A	N/A	Optional	Optional	Optional
RADIO DISABLE / ENABLE	Decode Only	Decode Only	Decode Only	Y	Decode Only	Y
REMOTE MONITOR	Decode Only	Decode Only	Decode Only	Y	Decode Only	Y
TEXT MESSAGING	Quick Text (Optional)	N/A	N/A	Quick Text	Send Only	Quick Text
TEXT TO SPEECH	N/A	N/A	N/A	N/A	N/A	N/A
THIRD PARTY APPLICATIONS	N/A	N/A	N/A	N/A	N/A	N/A
TRANSMIT INTERRUPT	Decode Only	Decode Only	Decode Only	5 Years	5 Years	5 Years
USER-SELECTABLE AUDIO PROFILES	N/A	N/A	N/A	Y	Y	Y
VIBRATE	N/A	N/A	N/A	N/A	Optional	Optional
VOICE ANNOUNCEMENT	Y	Y	Y	Y	Y	Y
WI-FI	N/A	N/A	N/A	Optional	Optional	Optional
DUAL CAPACITY DIRECT MODE	Y	Y	Y	Y	Y	Y
CONVENTIONAL	Y	Y	Y	Y	Y	Y
IP SITE CONNECT	N/A	N/A	N/A	Optional	Optional	Optional
CAPACITY PLUS	N/A	N/A	N/A	Optional	Optional	Optional
CAPACITY MAX	N/A	N/A	N/A	N/A	N/A	N/A
CONNECT PLUS	N/A	N/A	N/A	N/A	N/A	N/A

XPR 7350E	XPR 7550E	XPR 7380E	XPR 7580E	XPR 7550 IS	XPR 7580E IS	R7	ION
VHF, UHF	VHF, UHF	800, 900	800, 900	VHF, UHF	800, 900	VHF, UHF	UHF
32	1000	32	1000	1000	1000	1000	1000
IP68	IP68	IP68	IP68	IP68	IP68	IP68	IP68
Y	Y	Y	Y	Y	Y	Y	Y
Y	Y	Y	Y	Y	Y	Y	Y
Y	Y	Y	Y	Y	Y	Y	Y
Y	Y	Y	Y	N/A	Y	Y	Y
Y	Y	Y	Y	N/A	Y	Y	Y
N/A	Y	N/A	Y	Y	Y	Y	Y
Y	Y	Y	Y	Y	Y	Y	Y
Y	Y	Y	Y	Y	Y	Y	Y
Y	Y	Y	Y	Y	Y	Y	Y
Optional	Optional	Optional	Optional	Y	Y	Y	Y
Y	Y	Y	Y	Y	Y	Y	Y
Y	Y	Y	Y	Y	Y	Y	N
5 Years	5 Years	5 Years	5 Years	N/A	5 Years	Y	5 Years
Y	Y	Y	Y	Y	Y	Y	Y
N/A	Full	N/A	Full	Full	Full	Y	Touchscreen
Y	Y	Y	Y	Y	Y	Y	Y
5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	Y	5 Years
Optional	Optional	Optional	Optional	Optional	Optional	Y	LTE/Wi-Fi
Decode Only	Y	Decode Only	Y	Y	Y	Y	Y
Decode Only	Y	Decode Only	Y	Y	Y	Y	Y
Send Only	Y	Send Only	Y	Y	Y	Y	Y
5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	Y	N
Y	Y	Y	Y	Y	Y	Y	Y
Y	Y	Y	Y	Optional	Y	Y	Y
Y	Y	Y	Y	Y	Y	Y	Y
Optional	Optional	Optional	Optional	N/A	N/A	N	N
Y	Y	Y	Y	Y	Y	Y	N
Enabled - Y Capable - Optional	Enabled - Y Capable - Optional	Enabled - Y Capable - Optional	Enabled - Y Capable - Optional	N/A	Y	Y	Y
Y	Y	Y	Y	Y	Y	Y	Y
Y	Y	Y	Y	Y	Y	Y	Y
Y	Y	Y	Y	Y	Y	Y	Y
Y	Y	Y	Y	Y	Y	Y	Y
Enabled - Y Capable - Optional	Enabled - Y Capable - Optional	Enabled - Y Capable - Optional	Enabled - Y Capable - Optional	Optional	Y	Y	Y
Enabled - Y Capable - Optional	Enabled - Y Capable - Optional	Enabled - Y Capable - Optional	Enabled - Y Capable - Optional	Optional	Y	N	N

MOTOTRBO MOBILE RADIO FEATURES

FEATURE	DESCRIPTION	CM SERIES		XPR2000 SERIES	XPR5000E	
		CM200D	CM300D	XPR2500	XPR5380E/	XPR5580E/
PROTOCOL	DMR digital or analog communication	Analog/Digital ⁵		Analog/Digital	Analog/Digital	
FREQUENCY RANGE	Capable of operating in the following frequency ranges	VHF & UHF ¹		VHF & UHF ¹	UHF: 403-470, 450-512 MHz, VHF 136-174 MHz, 806-941 MHz	
MAX. POWER OUTPUT	Radio's full power rating	1-25W or 25-45W VHF, and 1-25W or 25-40W UHF		25W or 45W UHF, 25W or 40W UHF	25W or 45W UHF, 25W or 40W UHF	
MAX. CHANNEL CAPACITY	Programmable channel capacity	16	99	128	99	
DISPLAY	Displays provide easy access to advanced features	2-digit numeric	2-line monochrome	2-line monochrome	2-digit numeric	
KEYPAD	Keypads provide access to radio controls, texting and telephon	N	Menu Buttons	Menu Buttons	N	
INTEGRATED GPS	Embedded GPS receiver for location monitoring	N		N	Y ²	
INTEGRATED BLUETOOTH CAPABILITY	Bluetooth	N		N	Audio and Data ²	
PERMANENT BLUETOOTH DISCOVERY	"Always on" mode used by some location tracking applications	N		N	N	
DEDICATED EMERGENCY BUTTON	Orange programmable button for one-touch emergency calling	N		N	N	
PROGRAMMABLE BUTTONS	Allows access to most often used features with one press	2	4	4	4	
DIGITAL DMR SIGNALING	DMR standard digital voice communications	Y		Y	Y	
PL/DPL SIGNALING	Analog Private Line/ Digital Private Line compatible	Y		Y	Y	
QUICK CALL II SIGNALING	Analog Quick Call II compatible	Y		Y	Y	
MDC SIGNALING	Analog MDC compatible	Y		Y	Y	
5 TONE SIGNALING	Analog 5 tone compatible	N		Y	Y	
DTMF HOT KEYPAD	DTMF tone compatible	Y ⁶		Y ⁶	Y ⁶	
MPT1327 SIGNALING	Analog MPT1327 compatible (requires option board)	N		N	Option	
OPTION BOARD CAPABILITY	Supports option boards for third party applications	N		N	Y	
IMPRES AUDIO COMPATIBLE	IMPRES audio ensures your voice is heard clearer and louder	N		N	Y	
IP RATING	Rated sealing for dust and water ingress	IP54		IP54	IP54	
DIMENSIONS (HXWXL)	Physical size	1.7 x 6.7 x 5.3 in		44 x 169 x 134	53 x 175 x 206	
DIMENSIONS (WEIGHT)	Physical weight	2.9 lbs		1.3 kg	1.8 kg	

FEATURES AND FUNCTIONS

FEATURE	DESCRIPTION	CM SERIES		XPR2000 SERIES	XPR5000E	
		CM200D	CM300D	XPR2500	XPR5380E/ XPR5350E	XPR5580E/ XPR550E
INTELLIGENT AUDIO	Automatic volume control based on background noise levels	N		Y		Y
EMERGENCY ALARM	Radio can initiate an Emergency call process	Y		Y		Y
LONE WORKER	Initiates emergency if user does not respond to periodic alerts	Y		Y		Y
REMOTE MONITOR	Radio can remotely activate another radio's microphone or receive and execute a command to enable its microphone	Receive and execute only		Y		Y
FREEFORM TEXT MESSAGING	User can enter and send free-form text messages	N		N		Y ⁶
PRE-PROGRAMMED TEXT MESSAGING	Radio can send pre-programmed text messages	Y		Y		Y
DIGITAL TELEPHONE PATCH	Ability to connect to telephone system (requires additional hardware)	N		Option		Yes
TRANSMIT INTERRUPT DECODE	Radio transmissions can be interrupted by other radios	Y		Y		Y
TRANSMIT INTERRUPT ENCODE	Radio can interrupt transmissions from other radios	N		Option		Y
BASIC PRIVACY	MOTOTRBO 16-bit encryption for protection against eavesdropping	Y		Y		Y
ENHANCED PRIVACY	MOTOTRBO 40-bit encryption for more robust protection	N		Option		Y
DEFAULT VOICE ANNOUNCEMENT	Audible confirmation of selected operations of the radio	Y		Y		Y
PROGRAMMABLE VOICE ANNOUNCEMENT	Ability to use customized recordings for voice announcements	Y		Y		Y
RADIO MANAGEMENT	RM provides centralized radio configuration and code plug management	Y		Y		Y
OVER THE AIR PROGRAMMING (OATP)	Remote, over-the-air programming using Radio Management	N		N		Y
RESTRICTED ACCESS TO SYSTEM	Prevents unauthorized users from communicating through the repeater	Y		Y		Y
RADIO ENABLE/DISABLE	Radio can remotely disable and re-enable another radio	Decode Only		Y	Decode Only	Y
DUAL CAPACITY DIRECT MODE	Use both TDMA time slots to double capacity without using a repeater	Y		Y		Y
FIXED INSTALLATION	Mobile radios can be used in a fixed installation such as a control room	Y		Y		Y
CONTROL STATION	Mobile acts as RF link between Application Server and radio network	N		Y		Y
REMOTE MOUNT CONTROL HEAD	Remote control head mounting	N		N		Option

SYSTEM CONFIGURATIONS

DIRECT MODE OPERATION	Direct radio-to-radio operation	Y		Y		Y
SINGLE-SITE CONVENTIONAL	Single site conventional operation (channel selection by users)	Y		Y		Y
IP SITE CONNECT	Multi-site conventional operation (channel selection by users)	Option		Option		Y
CAPACITY PLUS (SINGLE AND MULTI-SITE)	Single site trunking (channel selection managed by system)	N		Option		Y
CAPACITY MAX	Multi-site DMR Tier III trunking with dedicated control channel	N		N		Option

¹ VHF frequency range supported is 136-174 MHz. UHF frequency range supported is 403-470 MHz.

² Integrated Bluetooth and GPS are supported on DP4 x 01e & DM4601e only

³ Based on NiMH battery

⁴ Based on Li-Ion battery

⁵ Analog-only models of CP200d, CM200d and CM300d also available. Analog models can be upgraded to MOTOTRBO digital by purchasing a software license

⁶ Requires keypad microphone

MOTOTRBO SYSTEM COMPARISON TABLE

	DIRECT MODE	SINGLE SITE CONVENTIONAL
REPEATERS	0 or 1 ¹	1
SITES	0	1
RADIOS / SITE	–	200
RADIOS ²	100	200
TRUNKING	N	N
ETCA (COLLISION MITIGATION)	N	N
PRIORITIZATION	N	N
STORE AND FORWARD TEXTS	N	N
R7	Y	Y
ION	Y	Y
SL 7000 AND SL 7000E SERIES	Y	Y
XPR 7000 AND 7000E SERIES	Y	Y
XPR 5000 AND 5000E SERIES	Y	Y
XPR 6000 AND XPR 4000 SERIES	Y	Y
XPR 3000 AND 3000E SERIES	Y	Y
SL3500E	Y	Y
XPR 2500	Y	Y
SL300	Y	Y
CP200D, CM200D, CM300D	Y	Y

¹SLR Repeaters can be used for Extended Range Direct Mode.

²Maximum capacity, based on standardization low traffic call model.

GATX 89653

LD LMT 191200

LB 86 750 KG

LT WT 71800

LB 32 550 KG NEW 10-94



2 INCH HF COMP SHOES

IP SITE CONNECT	CAPACITY PLUS	CAPACITY MAX
15	120	5250
15	15	250
200	1600	3000
200	24000	90000
N	Dynamic	Full
N	N	Y
N	N	Y
N	N	Y
Y	Y	Y
Y	Y	Y
Y	Y	Y
Y	Y	Y
Y	Y	Y
Y	Y	N
Optional	Optional	N
Optional	Optional	N
Optional	Optional	N
N	N	N
N	N	N



For more information, please visit: motorolasolutions.com/MOTOTRBO

