MOTOTRBO™
TWO-WAY RADIO SOLUTIONS AT A GLANCE

BE SAFER, MORE EFFICIENT AND MORE PRODUCTIVE

WITH THE POWERFUL DIGITAL PERFORMANCE AND ADVANCED CAPABILITIES OF MOTOTRBO.

DISCOVER WHAT MOTOTRBO CAN DO THROUGHOUT YOUR ENTERPRISE

Two-way radios are the go-to technology for enterprises around the world – connecting people wherever they need clear, instant and reliable communications. MOTOTRBO offers a portfolio of analog and digital two-way radios that enable voice and data communications. It combines the best of two-way radio functionality with the latest digital technology for instant communicating, easy decision-making and seamless coordinating.

MOTOTRBO brings all the benefits of push-to-talk communications in an incredibly powerful tool that takes productivity, efficiency and safety to a whole new level. MOTOTRBO is truly the next generation of business communications.

HEAR AND BE HEARD CLEARLY IN NOISY ENVIRONMENTS
Superb audio quality on MOTOTRBO ensures 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 digital voice delivers voice integrity and clarity to the limits of coverage plus twice the capacity of analog radios. Many 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® or industry-leading data applications, MOTOTRBO has the right devices and systems to fit your workforce now, and allow 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 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 and GPS tracking to personnel accountability and work order ticket management. Applications like these make it easier to accomplish multiple tasks on a single 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) program which simulates up to 5 years of field use. We design and engineer MOTOTRBO products to survive the harsh conditions of everyday business.

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 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.

SL 7000e SERIES
SLEEK AND SMART, FOR THE MANAGER WHO NEEDS COMPLETE CONTROL
Stay in control with the ultimate in professional digital communications. This slim and light portable radio is packed with features to help you direct operations. From integrated Wi-Fi and Bluetooth 4.0, to a user interface designed for the latest workforce management applications, the SL 7000e Series has everything you need to boost safety and productivity.

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

XPR 7000e SERIES
POWERFUL AND SOPHISTICATED, FOR THE PROFESSIONAL WHO REFUSES TO COMPROMISE
When you need complete connectivity, the XPR 7000e Series delivers. These 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 O CAPACITY MAX O CONNECT PLUS

XPR 3000e SERIES
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: O IP SITE CONNECT O 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 O CAPACITY PLUS ✗ CAPACITY MAX ✗ CONNECT PLUS

CP200d
SIMPLE VOICE COMMUNICATIONS FOR THE EVERYDAY USER WHO WANTS TO STAY CONNECTED
Communicate simply and clearly. The CP200d gives you affordable analog voice communications, with the option to upgrade to MOTOTRBO digital when you're ready. With great performance, rugged durability and a straightforward user interface, the CP200d simply keeps your workforce connected.

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

O = OPTIONAL

XPR 5000e SERIES
POWERFUL AND SOPHISTICATED, FOR THE PROFESSIONAL WHO REFUSES TO COMPROMISE

When you need complete connectivity, the XPR 5000e Series delivers. These 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   O CAPACITY MAX   O CONNECT PLUS

XPR 2500
COMPACT AND CAPABLE, FOR THE BUSY WORKER WHO NEEDS TO COMMUNICATE EFFECTIVELY

Connect with efficiency. The XPR 2500 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. With excellent range and a wide range of accessories, this radio delivers safe and cost-effective connectivity.

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

CM200d, CM300d
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

CSA PORTABLE RADIOS (CANADA ONLY)
SPECIALIZED PRODUCTS FOR HAZARDOUS LOCATIONS

The XPR 6580 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 "flyings" 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   O CAPACITY MAX   O CONNECT PLUS

O = OPTIONAL

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.

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.

CONNECT PLUS
EXCEPTIONAL COVERAGE FOR SINGLE AND MULTIPLE SITES
Unify your entire enterprise with this scalable digital trunking system. Calls can be queued during busy times until an open channel is available, important users can be assigned priority status and a wireline console can be used for centralized dispatch.

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 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.

XPR 8000 SERIES REPEATERS

Maximize the performance of your MOTOTRBO system with the 40 W XPR 8000 Series repeaters. They utilize Dynamic Mixed Mode capability to ease migration by automatically switching between analog and digital mode. The XPR 8000 Series supports two simultaneous voice or data paths in digital mode, doubling capacity without adding new frequencies.

CONNECT PLUS XRC 9100 CONTROLLER

Deliver greater coverage and information to mobile teams. The XRC 9100 supports single and multi-site Connect Plus systems. Queue calls during busy times until an open channel is available and assign important users priority status when the system is in high demand. The XRC 9100 represents an evolution of the original XRC 9000 MOTOTRBO Connect Plus Controller, and is fully intercompatible with new and existing systems.

CONNECT PLUS XRT 9100 GATEWAY

Reach your large workforce efficiently. The XRT 9000 links Connect Plus with an IP-based wire-line console for centralized dispatch. The XRT 9100 represents an evolution of the original XRT 9000 MOTOTRBO Connect Plus Gateway, and is fully intercompatible with new and existing systems.

CONNECT PLUS XRI 9100 INTERCONNECT GATEWAY

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 9100 Interconnect Gateway improves your efficiency and responsiveness.

CAPACITY MAX SYSTEM SERVER

As 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 SERVER

Get robust and secure management of your client accounts. The WAVE Server provides the interface between public cellular networks and the MOTOTRBO radio network for secure centralized provisioning, flexible client management, call history, upgrades and diagnostics.

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.

MIP 5000

When you need to keep your staff connected with clear, effective and affordable voice communication, you can rely on the MIP 5000 VoIP Radio Console. This powerful radio-over-IP dispatch console utilizes control stations to access up to 24 channels via a flexible Windows GUI. Dispatch terminals can be connected over any IP network, allowing you to supplement traditional stationary desktop PCs with mobile laptop dispatcher positions.

SOLD AND SUPPORTED

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.

SOLD AND 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.

SOLD AND SUPPORTED Products bearing the "Motorola Solutions Sold and Supported" logo are premium products developed by Motorola Solutions partners to fulfill critical functions in MOTOTRBO™ systems. These products are tested and integrated in direct cooperation with Motorola. They are sold through Motorola Channel Partners and supported through Motorola's customer service teams.

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.

EARPIECES

Transmit and receive discreetly with a variety of earpieces that feature a streamlined design and rugged cables that withstand tough conditions. With inline 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-cancelling boom microphones and in-line push-to-talk.

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.

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

Communicate clearly in loud workplaces. MOTOTRBO remote speaker microphones (RSM) have exclusive audio features for windy outdoor environments (windporting) and noisy environments (noise-canceling). IMPRES audio ensures your voice is heard clearer and louder regardless of how you speak. The INC RSM suppresses extreme noise (high decibel equipment, 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.

MOTOTRBO 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.

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.
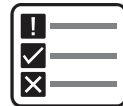
VOICE DISPATCH

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.
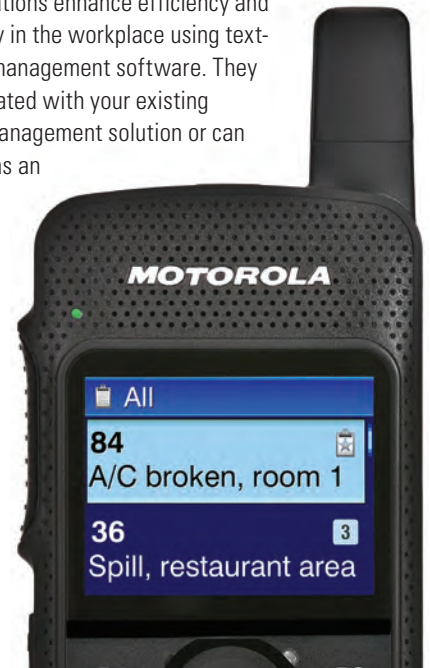
WAVE™ WORK GROUP COMMUNICATIONS

With wireline integration to MOTOTRBO Connect Plus and Capacity Plus systems, WAVE Work Group Communications lets your mobile and office workers connect with simple, secure and affordable broadband push-to-talk (PTT), wherever they are.

WAVE 3000
EXTEND MOTOTRBO TO SMARTPHONES AND TABLETS

WAVE 3000 delivers instant and secure broadband PTT communications for small to medium businesses. Whether you're communicating with MOTOTRBO radio users or with other smartphone users, WAVE 3000 makes it simple and affordable. WAVE 3000 can be integrated with your MOTOTRBO Connect Plus and Capacity Plus systems, but can also be used as a standalone broadband PTT solution where radios are not required.

TURN YOUR APPLE OR ANDROID DEVICE INTO A MULTI-CHANNEL PTT HANDSET

Not everyone needs or wants to carry a radio handset. But they do want instant, secure access to important communications wherever they are. With a WAVE Mobile Communicator installed on a smartphone, tablet or custom handheld, any user can access MOTOTRBO communications from any location, talking with groups of other users or individuals as required.

WAVE 5000
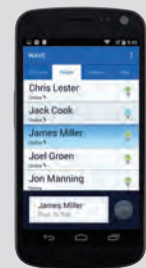### INTEGRATE MOTOTRBO WITH ENTERPRISE IT AND EXTEND TO PCS, TELEPHONY, SMARTPHONES AND TABLETS

WAVE 5000 enables highly scalable, feature rich, enterprise grade PTT on broadband networks and devices so that critical, time-sensitive information flows quickly and securely between mobile workers, teams and citizens.

From two-way radios to smartphones, laptops to landlines, tablets to rugged handhelds, WAVE 5000 lets your users use the devices they already have and the networks they already subscribe to connect and talk to others both inside and outside of your communications environment. Wireline or donor radio integrations with MOTOTRBO ensure system scalability and deployment flexibility.

WAVE MOBILE COMMUNICATOR FOR WAVE 3000 AND WAVE 5000

Group Call   Private Call

Mapping   Group Text

WAVE COMMUNICATORS
ENABLE YOUR WORKFORCE TO CONNECT AND COLLABORATE

Whatever the device or available network, WAVE has client applications that meet the needs of all types of users. Called WAVE Communicators, these applications provide the user interface to a WAVE communications system.

Define and manage your MOTOTRBO communications environment with WAVE Advanced Desktop Communicator.

Give authorized PC users controlled access to MOTOTRBO communications channels with the WAVE Desktop Communicator.

With WAVE Web Communicator you can use a web browser to access your MOTOTRBO radio channels.

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.

PLAN

RF COVERAGE MAP GENERATION
Predict RF coverage when designing and deploying MOTOTRBO systems.

IP NETWORKING
Validate and optimize IP networking and site connectivity.

DEPLOY

SITE INTEGRATION
Ensure new sites come online seamlessly and efficiently.

RADIO PROGRAMMING
Set up your devices to meet the use and access requirements of your staff.

SUPPORT

SERVICE FROM THE START (SFS)
Enhanced level of coverage that goes beyond standard warranty — from the first day of your radio purchase.

INFRASTRUCTURE REPAIR
Keep your communication networks operating at their best and available at all times.
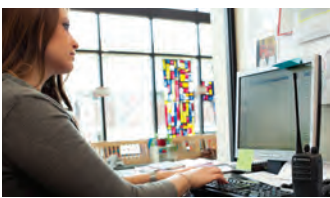
NETWORK MONITORING
Real-time monitoring, diagnostics and fault resolution for your network from a central operations center.

FLEET MANAGEMENT

To help you manage your radios and your staff more efficiently, MOTOTRBO offers tools and applications for fleet management.

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, using the data capabilities of your MOTOTRBO system. Updates can be scheduled to minimize disruption to your business-critical communications.

RFID FLEET MANAGEMENT

Install RFID tag-equipped volume knobs on your portable radios, for easy inventory management of your radios. You can use an RFID reader to check radios in and out quickly and efficiently, or to increase staff accountability.

IMPRES BATTERY MANAGEMENT

You can't afford to be let down by worn-out radio batteries. IMPRES battery management allows you to see at a glance the health of your batteries, so you know exactly how much charge they are holding, and when they need replacement. Over the Air Battery Management automatically keeps track of battery health even while the radios are in use.

FLEET MANAGEMENT APPLICATIONS

The MOTOTRBO Application Development Program offers select third party applications to help you manage your fleet. Use GPS location tracking to monitor vehicles and manage logistics. Determine the speed and location of vehicles and monitor driving characteristics, fuel consumption and ignition status.

MOTOTRBO
PORTABLE
RADIO FEATURES

FEATURE	DESCRIPTION	CP200d	SL300	XPR 3000e SERIES		XPR 7000 SERIES				SL SERIES			CSA	
				XPR 3300e	XPR 3500e	XPR 7350e	XPR 7380e	XPR 7550e	XPR 7580e	SL 7550e	SL 7580e	SL 7590e	XPR 6580 IS	XPR 7550 IS
FREQUENCY BAND	Capable of operation in the following bands	UHF, VHF	UHF, VHF	UHF, VHF	UHF, VHF	UHF, VHF	800, 900	UHF, VHF	800, 900	UHF	800	900	800, 900	UHF, VHF
CHANNELS	Programmable channel capacity	16	2, 99	16	128	32	32	1000	1000	1000	1000	1000	1000	1000
IP RATING	Rated sealing for dust and water ingression	IP54	IP54	IP67	IP67	IP68	IP68	IP68	IP68	IP54	IP54	IP54	IP67	IP67
DIGITAL	DMR standard digital voice communications	○	●	●	●	●	●	●	●	●	●	●	●	●
ANALOG	Analog voice communications	●	●	●	●	●	●	●	●				●	●
BASIC PRIVACY	Basic protection against casual eavesdropping	●	●	●	●	●	●	●	●	●	●	●	●	●
BLUETOOTH AUDIO	Wireless connection for earpieces and headsets			○	○	●	●	○	○	●	●	●		
BLUETOOTH DATA	Wireless connection for data communications					○	○	○	○	○	○	○		
DISPLAY	Visual readout of radio functions		○		●			●	●	●	●	●	●	●
EMERGENCY CALL	Radio can initiate Digital Emergency process		●	●	●	●	●	●	●	●	●	●	●	●
ENHANCED PRIVACY	Encryption of voice traffic using ARC4 with 40bit keys			○	○	●	●	●	●	●	●	●	●	●
GPS	Embedded GPS receiver for location monitoring					●	●	●	●				●	●
HAZLOC	Radio is designed for use in flammable atmospheres			○	○	○	○	○	○				●	●
IMPRES™ ENERGY	Radio supports IMPRES smart battery technology			●	●	●	●	●	●				●	●
IMPRES OVER-THE-AIR	Radio supports IMPRES Over The Air Battery Management			●	●	●	●	●	●				●	●
INDOOR LOCATION-TRACKING	Bluetooth-based indoor positioning					○	○	○	○	○	○	○		
INTELLIGENT AUDIO	Automatic volume control based on background noise levels			●	●	●	●	●	●	●	●	●		●
KEYPAD	Full (F) or limited (L) keypad for control and data entry				L			F	F	F	F	F	F	F
LONE WORKER	Initiates emergency if user does not respond to periodic alerts		●	●	●	●	●	●	●	●	●	●	●	●
MAN DOWN	Initiates emergency based on radio orientation or movement					○	○	○	○				○	○
OTAP	Radio can be programmed Over-The-Air			●	●	●	●	●	●	●	●	●		●
RADIO DISABLE/ENABLE	Radio can remotely disable and/or re-enable another radio							●	●	●	●	●	●	●
REMOTE MONITOR	Radio can remotely activate another radio's microphone				●			●	●	●	●	●	●	●
TEXT MESSAGING	Radio can send and/or receive text messages					●	●	●	●	●	●	●		●
TEXT TO SPEECH	Radio can read text and settings out loud					○	○	○	○	○	○	○	○	○
THIRD PARTY APPLICATIONS	Radio can use data to support third party applications					●	●	●	●	●	●	●		
TRANSMIT INTERRUPT	Radio can force another radio to stop transmitting			○	○	●	●	●	●	●	●	●	●	●
USER-SELECTABLE AUDIO PROFILES	Radio's sound can be customized by user			●	●	●	●	●	●	●	●	●	●	●
VIBRATE	Silent alert of incoming calls and texts			○	○	○	○	○	○	●	●	●		
VOICE ANNOUNCEMENT	Integrated Wi-Fi capability	●	●	●	●	●	●	●	●	●	●	●		●
WI-FI	Initiates emergency based on radio orientation or movement			○	○	○	○	○	○	○	○	○		
DIRECT MODE	Radio is capable of direct radio-to-radio operation	●	●	●	●	●	●	●	●	●	●	●		●
CONVENTIONAL	Radio can operate on basic repeater system	●	●	●	●	●	●	●	●	●	●	●	●	●
IP SITE CONNECT	Radio can operate on IP Site Connect systems			○	○	●	●	○	○	●	●	●	●	●
CAPACITY PLUS	Radio can operate on Capacity Plus systems			○	○	●	●	○	○	●	●	●	●	●
CAPACITY MAX	Radio can operate on Capacity Max systems			○	○	●	●	○	○	●	●	●		●
CONNECT PLUS	Radio can operate on Connect Plus trunked systems					●	●	○	○	●	●	●	●	●

○ OPTIONAL (Extra Cost)   ● STANDARD

MOTOTRBO
MOBILE RADIO
FEATURES

FEATURE	DESCRIPTION	CM SERIES			XPR 5000 SERIES			
		CM200d	CM300d	XPR 2500	XPR 5350e	XPR 5380e	XPR 5550e	XPR 5580e
FREQUENCY BAND	Capable of operation in the following bands	VHF, UHF	VHF, UHF	VHF, UHF	VHF, UHF	800, 900	VHF, UHF	800, 900
CHANNELS	Programmable channel capacity	16	99	128	32	32	1000	1000
IP RATING	Rated sealing for dust and water ingression	IP54	IP54	IP54	IP54	IP54	IP54	IP54
DIGITAL	DMR standard digital voice communications	○	○	●	●	●	●	●
ANALOG	Analog voice communications	●	●	●	●	●	●	●
ALPHANUMERIC DISPLAY	Display for easy access to advanced features		●	●			●	●
BASIC PRIVACY	Basic protection against casual eavesdropping	●	●	●	●	●	●	●
BLUETOOTH AUDIO	Wireless connection for earpieces and headsets				●	●	○	○
BLUETOOTH DATA	Wireless connection for data communications				○	○	○	○
CONTROL STATION	Radio can be configured as a Dispatch or Control Station	●	●	●	●	●	●	●
EMERGENCY CALL	Radio can initiate Digital Emergency process			●	●	●	●	●
ENHANCED PRIVACY	Encryption of voice traffic using ARC4 with 40bit keys			○	●	●	●	●
GPS	Embedded GPS receiver for location monitoring				●	●	●	●
INDOOR LOCATION-TRACKING	Bluetooth-based indoor positioning				○	○	○	○
INTELLIGENT AUDIO	Automatic volume control based on background noise levels			●	●	●	●	●
LONE WORKER	Initiates emergency if user does not respond to periodic alerts			●	●	●	●	●
NUMERIC DISPLAY	Clear display of channel number on front of radio	●			●	●		
OTAP	Radio can be programmed Over-The-Air			●	●	●	●	●
RADIO DISABLE/ENABLE	Radio can remotely disable and/or re-enable another radio			●			●	●
REMOTE MONITOR	Radio can remotely activate another radio's microphone			●			●	●
REMOTE MOUNT CONTROL HEAD	Control head can be located separately from radio				○	○	○	○
TEXT MESSAGING	Radio can send and receive text messages				●	●	●	●
TEXT TO SPEECH	Radio can read text and settings out loud				○	○	○	○
THIRD PARTY APPLICATIONS	Radio can use data to support third party applications				●	●	●	●
TRANSMIT INTERRUPT	Radio can force another radio to stop transmitting			○	●	●	●	●
USER-SELECTABLE AUDIO PROFILES	Radio's sound can be customized by user				●	●	●	●
VOICE ANNOUNCEMENT	Audible confirmation of selected operations of the radio	●	●	●	●	●	●	●
WI-FI	Integrated Wi-Fi capability				○	○	○	○
DIRECT MODE	Radio is capable of direct radio-to-radio operation	●	●	●	●	●	●	●
CONVENTIONAL	Radio can operate on basic repeater system	●	●	●	●	●	●	●
IP SITE CONNECT	Radio can operate on IP Site Connect system			○	●	●	○	○
CAPACITY PLUS	Radio can operate on Capacity Plus systems			○	●	●	○	○
CAPACITY MAX	Radio can operate on Capacity Max systems				●	●	○	○
CONNECT PLUS	Radio can operate on Connect Plus systems				●	●	○	○

○ OPTIONAL (Extra Cost)　　● STANDARD

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