



MTM5000 SERIES TETRA MOBILE RADIOS SAFER SMARTER FASTER

ENABLING CURRENT AND FUTURE CRITICAL COMMUNICATIONS





DATA IS GROWING IN IMPORTANCE

When it was introduced the dominant use of TETRA was for voice communications, but the use of TETRA as a data bearer has steadily increased. Beginning with the use of status messaging and text, data over TETRA has evolved into the use of picture messaging, WAP, and data-base access. TETRA is also being used for machine to machine communication in industries such as power distribution.

TEDS will enrich the data experience for all types of users. For example data base access will be faster, and additional data can be accessed such as pictures. Uploads can also be enlarged to include fingerprints, pictures and small video clips.

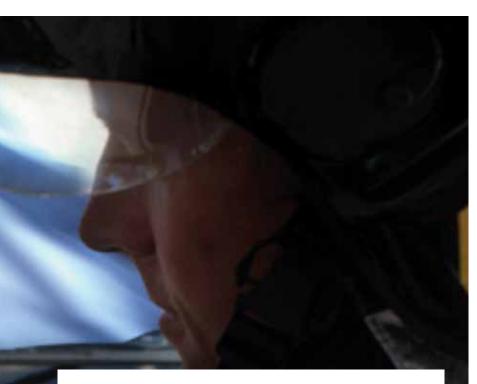
TRENDS IN TETRA CORE NEEDS

TETRA Systems continue to be deployed in more and more countries supporting Public Safety and Mission Critical operations with secure, reliable, and resilient communications. Motorola has shipped over 2 million TETRA radios to customers around the world.

Users of TETRA require:

- Rapid and reliable call connections
- Rugged terminals to withstand all weather conditions and rough handling
- Secure communications to prevent unauthorised reception or interception
- Resilient systems to withstand sabotage or natural events, and separation from public systems which become overloaded
- User location for safety and efficiency
- Data services, with a migration path to broadband in the future





TETRA ON THE MOVE WHAT'S NEEDED IN A MOBILE TETRA RADIO

- Rugged and simple to use with an intuitive interface
- Excellent coverage in both urban and rural environments
- Range of installation kits and accessories for use on a variety of vehicles
- Flexible connections to interface with companion devices such as cameras, mobile computers, PDAs
- Options for enhanced security
- Advanced applications for specialised operations

SOFTWARE FEATURES TO CUSTOMISE THE MTM5000

The Motorola mobile radio family has been deployed by many public safety and industrial users. Special applications have been developed to meet the particular needs of these customers which are available for all users. These are just some examples.

Messaging Applications. Special messaging applications are available to increase the speed of communicating with teams. For example, Disaster Alert which is an emergency pre-emptive priority call made by a user alerting a single pre-defined group to the presence of a disaster such as an earthquake or major accident.

Resource Allocation. Call out is an application to determine quickly which mobile units are available to answer a call and to then allocate them to the task.

Optimising the network. GPS service inevitably uses some data capacity, LIP throttling limits the impact of GPS traffic when the network is congested. Secondary Control Channel (SCCH) will increase capacity for data traffic in a TETRA network by opening a second channel. This will help to speed-up the flow of GPS and SDS traffic. Network access can be adapted for special needs, either by preventing access for unauthrorised users or providing preferential access for special users.

Security. End to End encryption can be enabled on either voice or data services. Stun or Kill will temporarily or permanently disable the radio if stolen from or in the vehicle.

SDS Remote Control. Enables control of one or more terminals from a workstation and a controlling TETRA Radio Over the Air using the PEI interface. For example a local fire controller using a field PC and a controlling MS can increase or decrease volume of an individual radio, or change talk groups. Or a Dispatcher or controller can directly request GPS position of an officer who is not responding to a call.

READY FOR THE FUTURE, THE EVOLUTION OF TETRA AND CRITICAL COMMUNICATIONS

TETRA has continued to evolve since it's introduction in 1992 and users have been offered a continuous stream of improvements and enhancements which have increased the functionality, reliability, and value of the TETRA network. During this time the data speeds of TETRA have increased with the introduction of Multi-Slot Packet Data. Now with the introduction of TETRA Enhanced Data Service (TEDS) a further significant increase is enabled. This has come at a time when many users are experiencing the benefits of mobile data using public carriers and PDAs and Smartphones. TEDS will support the migration of many applications across to TETRA networks with the attendant benefits of security and resilience.



MTM5000 SERIES TETRA MOBILE RADIOS

The Motorola MTM5400 Mobile TETRA radio has been joined by two new models to give a choice of specifications to match end user profiles and needs.

SAFER

- HEAR AND BE HEARD IN DIFFICULT ENVIRONMENTS WITH ENHANCED AUDIO
- STAY IN TOUCH WITH GREAT COVERAGE, IMPROVED RX SENSITIVITY AND HIGH POWER OPTIONS

SMARTER

- VERSATILE INSTALLATION CONNECTS END USERS IN AND AROUND THE VEHICLE, UP TO 40M FROM THE RADIO WITH THE MTM5500
- CONTROL THE RADIO AND MAKE VOICE AND DATA CALLS INSIDE OR OUTSIDE THE VEHICLE WITH THE TELEPHONE STYLE CONTROL HEAD

FASTER

- BE READY FOR TEDS FOR FASTER DATA COMMUNICATIONS TO IMPROVE EFFICIENCY AND SAFETY
- LINK TO DATA DEVICES FOR FLEXIBILITY AND POWERFUL APPLICATIONS

FOR AREAS WHERE COVERAGE IS RESTRICTED

SINGLE CONTROL HEAD INSTALLATION

MULTIPLE CONTROL HEAD INSTALLATION



The **MTM5200** is the base model sharing the enhanced audio and receiver sensitivity of the current MTM5400, as well as being TEDS-ready.



The **MTM5400** includes high power modes and the Gateway Repeater functionality features required by end users in areas of limited coverage.



The **MTM5500** is a highly flexible and capable system radio which permits the installation of multiple control heads and/or the new Telephone Style Control Head up to 40m from the radio.



Combining class leading robustness with a sleek ergonomic design, the discreet **Telephone -Style Control Head** (**TSCH**) provides flexibility and ease of operation, making it well suited for in-vehicle applications. Fully compatible with MTM5500 radios, the design attributes of the TSCH ensure uncompromising performance for missioncritical operations.

MTM5000 SERIES BENEFITS

EXTENDED OPERATIONAL RANGE

- Up to 10W transmit power (MTM5400/5500), with class leading receiver sensitivity delivers comprehensive network coverage
- Integrated DMO Gateway, DMO Repeater capabilities (MTM5400/5500), ensure secure and resilient communications where needed most

SUPERIOR AUDIO PERFORMANCE

 Next generation audio architecture delivering the loudest and clearest audio performance of any Motorola TETRA mobile available on the market*

HIGH SPEED DATA CONNECTIVITY

• TEDS Ready hardware - with a simple software license upgrade, enables 20x faster data connectivity for accessing back-office systems and databases

FIRE COMMANDEL

 Integrated USB 2.0 PEI, enabling rapid radio programming and standardised interfacing to data terminals and accessories. For additional flexibility, USB host and slave modes are also supported

LOW USER MIGRATION COSTS

POLICE INCIDENT CONTROL VEHICLE

- Familiar cellular style user interface and VGA colour display for enhanced usability and reduced staff training costs
- Same user interface as market proven MTM800 Enhanced mobile radios
- Re-use of MTM800 Enhanced accessories using GCAI connector

ENHANCED END TO END ENCRYPTION OPTIONS

- Integrated hardware for SIM based end to end encryption
- Universal Crypto Module option**

ADVANCED TERMINAL MANAGEMENT

• USB 2.0 interface for fast radio programming via Motorola's integrated Terminal Management solution

METRO TRAIN

FLEXIBLE INSTALLATION OPTIONS

- Fully DIN-A compatible and available in Dash, Desk, Remote Head and Motorcycle mount formats
- Supports multiple control heads an ideal solution for installations in trains, ambulances and fire vehicles where more than one control point might be required

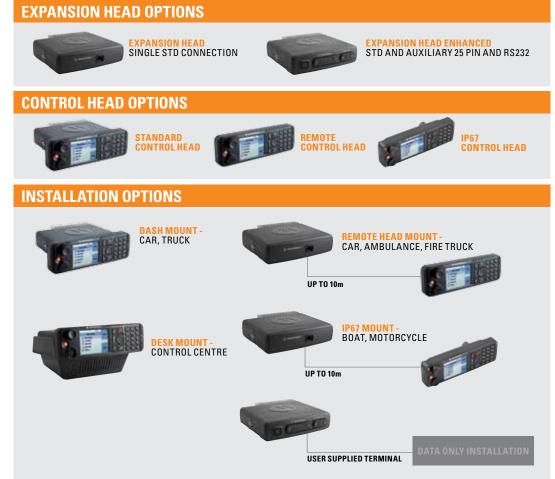
RUGGED DESIGN WITH EXCEPTIONAL RELIABILITY

- Includes IP67 control head option (MTM5200/5400), for exposed and challenging environments
- Front and Rear rugged GCAI connector for reliable connection of audio and data peripheral equipment
- Mobile radio and accessories are performance matched for enhanced reliability
- MTM5500 ethernet style connections enable up to 40m separation to either the new eCH Control Head or the Telephone Style Control Head

MTM5000 SERIES SOLUTIONS

The MTM5000 Series brings an ever wider range of installation options to the operator, with multiple control and expansion head options together with the option of multiple control head installation options up to 40m from the radio, with either the new eCH or the TSCH.

MTM5200 AND MTM5400



PRODUCT SELECTOR

мтм <mark>5200</mark>	мтм <mark>5400</mark>	мтм <mark>5500</mark>		
1 CONTROL HEAD		2 CONTROL HEADS		
STANDARD POWER	HIGH POWER FOR LOW COVERAGE AREAS			
NOT INCLUDED	GATEWAY REPEATER INCLUDED			
TEDS AND ESSENTIAL FEATURES				
ESSENTIAL	HIGH CAPABILITY	PREMIUM		

MTM5000 SERIES **ACCESSORIES**

MTM5500

EXPANSION HEAD OPTIONS



FLEXIBLE EXPANSION HEAD (ETHERNET READY) 2X STD ETHERNET TYPE, ETHERNET SIM READER AND RS232





AUDIO - MOBILE MICROPHONE



AUDIO - MOBILE MICROPHONE

CONTROL HEAD OPTIONS

INSTALLATION OPTIONS

UP TO 40m

MULTIPLE CONTROL HEADS -

USER SUPPLIED TERMINAL

eCH

OR

TSCH





AMBULANCE, FIRE TRUCK, INCIDENT CONTROL VEHICLE, METRO TRAIN

TOTAL 80m

ETHERNET TYPE



UP TO 40m

eCH

OR

TSCH



AUDIO - VISOR MICROPHONE





ANTENNAS



AUDIO - LOUDSPEAKER





ANTENNAS



ALARMS, SWITCHES & CABLES



ANTENNAS

ANTENNAS

ANTENNAS











CONTROL STATION









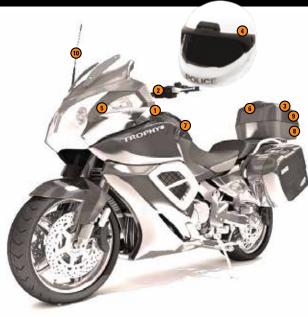




MTM5000 SERIES INSTALLATION OPTIONS

MOTORCYCLE*





- 1 Remote Mount Fixtures
- 2 Handlebar Controls (PTT Talk Group)
- 3 Headset Interface QD (Quick Disconnect)
- 4 Headset (Helmet)
- 5 Remote Control Head IP67
- 6 Loudspeaker (External or Internal)
- 8 Standard Control Head
- 9 Alternate Microphone (In rear box)
- 10 Antenna and/or GPS Combination

*For information on Covert Motorcycle Installations please contact your local Motorola representative



- 1 Dash or Remote Mount Fixtures
- 2 Loudspeaker
- 3 Visor Mic
- 4 PTT (Dash)
- 5 ALT Microphone (Fist or Handset)
- 6 Antenna: Wide Range, Roof Mount, Glass, Low Profile Combi
- 7 Antenna: Mag Mount



AMBULANCE

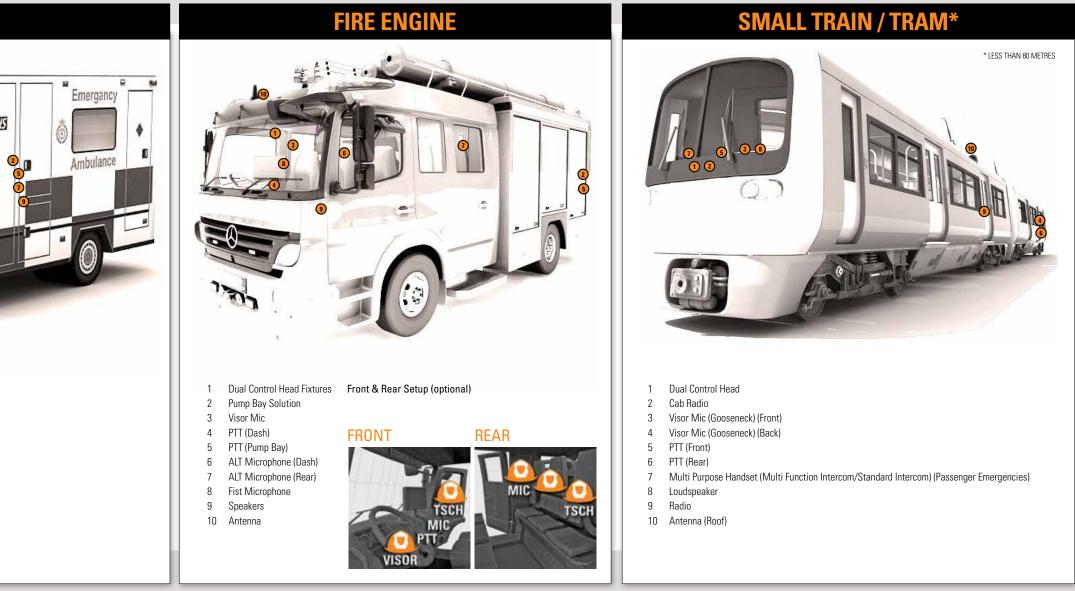
- 1 Dual Control Head Fixtures (Front)
- 2 Dual Control Head Fixtures (Back)
- 3 Visor Mic
- 4 PTT (Front)
- 5 PTT (Rear)

6

- ALT Microphone (Handset) (Dash)
- 7 ALT Microphone (Handset) (Rear)
- 8 Loudspeaker (Dash)
- 9 Loudspeaker (Rear)
- 10 Antenna Low Profile

These illustrations show how the radio can be installed in four typical vehicles.

In addition there are kits to fit the radio into a wide variety of cars, trucks, trams, control vehicles, control rooms, covert cars and motorcycles, and even boats.



		MTI	VI5200	MT	VI5400	MTI	V15500
Dash			Compact radio for fas	t vehicle installation	1	Ν	I.A.
Desk		Compact radio, for	use in the office. Option with integrate		ies such as desk tray	Ν	I.A.
Multiple Remote Control Head			N.A.				remote mount control apability.
wulliple hemole cl	ntroi neau		N.	Α.			n options enable use nd other vehicles
Motorcycle			mentally enhanced radio meeting IP67 specification. ding environments such as motorcycle, fire appliance and marine installations			Ν	I.A.
Expansion head "Da	atabox"	F	ladio without a control	head, for data applic	ations, or customised a	application developm	ent
GENERAL		Dimensions		Dimensions		Dimensions	
		HxWxD (mm)	Weight Typical (g)	HxWxD (mm)	Weight Typical (g)	HxWxD (mm)	Weight Typical (g)
Dash and Desk mod (transceiver + contr	and Desk models 60x188x198 1300 60x188x19		60x188x198	1300	N.A.		
Transceiver only		45x170x169	1070	45x170x169	1070	45x170x169	1070
Standard control he	ad	60x188x31	230	60x188x31	230	Ν	I.A.
Remote control hea	d	60x188x39	300	60x188x39	300	60x188x39	300
Motorcycle control head 60x188x39		320	60x188x39	320	Ν	I.A.	
USER INTER	FACE & DISF	PLAY					
	Diagonal din	nension			2.8″		
Disala	Туре			VGA - 640x48	D pixels Transflective T	T, 65,000 colours	
Display Backlinh			Variable backlight ser configurable				

Disates	Туре	VGA - 640x480 pixels Transflective TFT, 65,000 colours		
Display	Backlight	Variable backlight, User con	figurable	
	Font sizes	Standard & Zoom mode (90 pixels, 4.5mm high) characters		
TSCH		N.A.	Available as option*	
Numeric		Integral backlit numeric keypad of 12 keys,	with keypad lock option	
Buttons & Keypad	International keypad versions	Roman, Arabic, Cyrillic, Korean, Chinese, Taiwanese characters		
	Programmable function keys	3 programmable function keys (plus 10 programmable numeric keys)		
	Navigation	4-way navigation key, menu ar	id soft keys	
	Emergency	Emergency button with ba	cklight	
	Shortcuts	User configurable shortcuts to menus and common features using "One-Touch-Button" feature		
Rotary	Dual Function	Talkgroup and volume change with lock option		
Indication	LED	Tri-colour LED		
Indication	Tones	Configurable notification tones		
User Interface	Standard Options	Arabic, Chinese Simplified, Chinese Traditional, Croatian, Danish, Dutch, English, French, German, Greek, Hebre Hungarian, Italian, Korean, Lithuanian, Macedonian, Mongolian, Norwegian, Portuguese, Russian, Spanish, Swe		
Languages	User defined	User programmable, using ISO 8859-1 character		
		Tailored to user need	s	
Menu		Menu Shortcuts		
		Menu Configuration		
Contacts Management		Cellular Type		
Output line		Up to 1000 contacts		
Contact List		Up to 6 numbers per contact, Max	2000 numbers	
Multiple Dialling Metl	nods	User selects how to dial		

	MTM5200	MTM5400	MTM5500	
Fast/Flexible Call Response	Private Ca	all Response to a Group Call via One	Touch Button	
Multiple Ring Tones		Configurable with CPS		
Message Manager		Cellular Type		
Text message list		20		
Intelligent Keypad Text Input		All Control Heads		
Status list		100		
Country/Network Code List		100		
Scan lists		40 lists of 20 groups		
Discrete Mode		All Control Heads		
Screen Saver		gif image & text (any user's selection)		
Universal Time Display		All Control Heads		
Keypad Lock		All Control Heads		
Telkgroup Feldere	Di	Dual layer folder structure (folder/subfolder)		
Talkgroup Folders		256 folders		
Favourite Folders		Up to 3 (to store any favourite talkgroup)		

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature (°C) -30 to +60			
Storage Temperature (°C)		-40 to +85	
Not in use - Storage	ETSI 300 019-1-1 CLASS 1.3	Non-Weather Protected Storage Locations	
Not in use - Transportation	ETSI 300 019-1-2 CLASS 2.3	Public Transportation	
Stationary use - Weather Protected Locations	ETSI 300 019-1-3 CLASS 3.2	Partly Temperature Controlled Locations	
Mobile use - Ground Vehicle Installation	ETSI 300 019-1-5 CLASS 5.2	Climatic Tests	
Mobile use - Ground Vehicle Installation	ETSI 300 019-1-5 CLASS 5M3	Mechanical Tests	
Rail Certification Environmental	EN50155:2007 and IEC60571 ED. 3.0	Environmental	
MIL STD	810 C/D/E/F Specifications	All 11 categories met (or exceeded)	
Dust and Water Increase	IP54 (dust cat. 2)	Dash/Desk/Remote models	
Dust and Water Ingress Protection	IP67	Motorcycle model (only control head is IP67; transceiver is IP54)	MTM5500 TSCH IP55

ELECTRICAL SPECIFICATIONS				
Voltage Range		10.8 to 15.6 V DC		
	ldle / Rx / Tx @ 10W	N.A.	0.5 / 1.0 / 1.2 (TX 3.4A Peak)	
Current Consumption (A, typ.)	ldle / Rx / Tx @ 3W	0.5 / 1.0 / .9 (TX 2.2A Peak)		
	Tx - Multi Slot PD (4 slots) @ 5.6W	N.A. (3W only)	2.7	
	Tx - TEDS @ 3W	2.3		
	Using USB host	Adds 0.5A		

RF SPECIFICATION	VS			
		MTM5200	MTM5400	MTM5500
Frequency Bands (MHz)		350 - 390, 380 - 430	350 - 390, 380 - 430, 410 - 470, 806 - 870 380 - 430, 410 - 470, 80	
Transmitter BF Power	TETRA Release 1	N.A. (3W only) 10W, Class 2 Note: MSPD		2 Note: MSPD
Iransmitter RF Power	TETRA Release 2 (TEDS)	3W, Class 3		
RF Power Control	6 Power Step Levels (steps of 5 dBm)	Starting at 15 dBm; finishing at 40 dBm		Bm
Receiver Class A & B				
Receiver Static Sensitivity (dBm)		-114 minimum, -116 typical (ETSI 300-392-2)		
Receiver Dynamic Sensitivity (dBm)		-105 minimum, -107 typical (ETSI 300-392-2)		

Simultaneous Satellites	12
Mode of Operation	Autonomous or assisted (A-GPS)
GPS Antenna	Supports active antenna (5V, 25mA supply)
Autonomous Acquisition Sensitivity	-143 dBm / -173 dBW
Tracking Sensitivity	-159 dBm / -189 dBW
Accuracy	<5m (50% probable) <10m (95% probable)
TTFF (HOT Start - Autonomous)	<1s
TTFF (WARM Start - Autonomous)	<11s
TTFF (COLD Start - Autonomous)	<36s
Location Protocols	ETSI Location Information Protocol (LIP)
LUCATION FIOLOCOIS	Motorola LRRP

VOICE SERVICES			
Talkgroups		2048 (TMO) & 1024 (DMO)	
Phone book entries		1000 persons. Up to 6 numbers per entry (mobile, office etc). Max 2000 entries	
Scan lists		40 lists of 20 talkgroups	
	Group call	Late Entry, TMO/DMO Mapping	
	Private call	Half / Full Duplex	
Trunked Mode (TMO) Services	Telephony (PABX, PSTN, MS-ISDN)	Full Duplex	
	DGNA	Up to 2047 groups	
	Scanning	Attachment signalling, supports SWMI initiated attachment/detachment	
Direct Mode (DMO) Services		Group call	
Direct Would (Divio) Services		Private call	
	Tactical	Emergency Group Call to ATTACHED talkgroup	
	Non-Tactical	Emergency Group Call to DEDICATED talkgroup	
	Individual	Emergency Call to PREDEFINED party (half/full duplex)	
Emprove (Apillaned by years)	Smart emergency	TMO/DMO/DMO to TMO automatic switching options	
Emergency (tailored by users)	Hot Mic	Configurable timers for automatic open mic (talk without PTT)	
	Location	Location (GPS) sent with emergency	
	Target Address	Sent to individual or group address (selected or dedicated)	
	Alarm (status message)	Emergency Status (or other pre-defined status)	

DATA SERVIC	

Status	Alias messages	400 Entries
Status	Options	Can be sent via One-Touch or via menu
Obset Date Operation (ODO)	Inbox	200 Entries (short messages), 40 Entries (long messages of up to 1000 characters)
		Cellular style iTAP predictive text entry
Short Data Service (SDS)	Target Address	Sent to individual or group address (selected or dedicated)
	Voice Call Interaction	SDS messages can be sent and received during a voice call
	Multi-slot PD	Data transmission with up to 4 slots supporting up to 28.8 kbit/s gross
Packet Data (PD)	TETRA Enhanced Data Service (TEDS) (via software upgrade)	$Supporting \ 25 \text{kHz} \ \text{and} \ 50 \text{kHz} \ \text{channel} \ \text{bandwidths} \ \text{and} \ \text{enabling} \ \text{practical} \ \text{data} \ \text{rates} \ \text{of} \ \text{up} \ \text{to} \ 80 \text{kbit/s}$
TEDS (capable)		QAM Channels: 25 kHz and 50 kHz (but not D8PSK channels)
		QAM modulation/coding modes: 4-QAM R1/2, 16-QAM R1/2, 64-QAM R1/2, and 64-QAM R2/3
WAP	Integrated WAP browser (including WAP-PUSH)	Integrated Openwave browser
		WAP 1.2.x and WAP 2.0 compatibility for UDP/IP Stack
D	Interface Protocol	AT Commands - Full Set ETSI Mandatory Compliant
Peripheral Equipment Interface (PEI)		AT Multiplexer - 4 Virtual Physical Port (simultaneous PD, SDS, AT commands and Air Tracer SESSIONS)
		TNP1; enables simultaneous PD and SDS sessions
		Programmable via Motorola Integrated Terminal Management (iTM) solution
Terminal Management	Over-The-Air Programming (OTAP) Mode* Capable	Background Mode Programming (BMP) capable* - while radio is operational (providing TETRA services) it is being programmed/configured. * Planned features with software upgrade

GATEWAY SEP	RVICES			
		MTM5200	MTM5400	MTM5500
		N.A.	Group voice calls	from DMO to TMO
		N.A.		from TMO to DMO
		N.A.		all from DMO to TMO
DM0/TM0 Gateway		N.A.	Emergency group c	all from TMO to DMO
		N.A.	Transmission of Gat	eway Presence Signal
		N.A.	Automatic detection and mana	agement of co-located Gateways
		N.A.		(in either direction)
		N.A.		(including GPS) or from TMO to DMO*
		N.A.		S messages to console or PEI*
		N.A.	Intelligent handling of point to point calls and	SDS messages whilst operating as a Gateway*
REPEATER SEI	RVICES			
		N.A.	Beneats DMO voice ca	lls on selected talkgroup
		N.A.		ssaging on selected talkgroup*
		N.A.		for channel efficient operation
		N.A.		eater Presence Signal
DMO Repeater		N.A.		ity Call
		N.A.		-emptive Priority Call)
		N.A.		ed DMO traffic
		N.A.		in calls whilst in Repeater mode
		N.A.	Configurable Rep	eater Power Levels
INTERFACES		E DEL (E	Dente de ATINA de la constitución de la constitución	
RS232			Ports via AT Multiplexer enable PC applicat AT Commands, SDS, SCOU	(TL
			PEI (Two Virtual Ports via standard Window simultaneously Packet Data and AT	Commands)
USB			I (Four Virtual Ports via AT Multiplexer enable F Data, AT Commands, SDS, SCOUT); rapi	d programming
			On-The-Go (host & slave) capability for int	
			support (Host Mode) to manage USB Slave Dev	
Rugged Accessory Con		GCAI - Motorola acces	sory and ancillary interface for connection of a	
General Purpose	Digital I/O		7 (4 on remote and motorcycle control hea	
Input/Output	Analog input		4 (1 on remote and motorcycle control he	ead, with 4 levels)
SECURITY FEA	TURES			
olloonnii ll	Algorithms		TEA1, TEA2, TEA3	
Air Interface	Security Classes		Class 1 (Clear), Class 2 (SCK), C	Class 3G
Encryption	Authentication		Infrastructure initiated and made mut	
Provisioning			Secure provisioning tool via Key Variat	
			PIN/PUK code access	
User Access Control	Service Profile Selection for Radio User Assignment / Radio User Identity (RUA/RUI) Operation	Based on login credentials, a radio user can be limited to only those radio capabilities defin pre-installed service profiles, selected by the infrastructure		
Data		Packet Data user authentication		ation
	Voice E2EE			
End to End	Packet Data E2EE		nced End to End Encryption with OTAR sup	
Encryption (EtEE)	Short Data (SDS) E2EE	Crypro 1010001	e (UCM) and SIM (via integrated card slot)	מווע טו טוקיףנר 2 פוטמטטמווע ויי עווונ.
	00110110105			
REGULATORY	COMPLIANCE			
			EN 303 035-1	
Radio (R&TTE Article 3	3.2)		EN 303 035-2	
			ETSI EN 300-394-1 ETSI EN 300-392-2	
			EINTEN 300-302-2	

Radio (R&TTE Article 3.2)	
	ETSI EN 300-394-1
	ETSI EN 300-392-2
EMC (R&TTE Article 3.1.b)	EN 301 489-1 V1.3.1
	EN 301 489-18 V1.3.1
Electrical Safety (R&TTE Article 3.1.a)	EN 60950-1 (2001)
	EN50360:2001 EME
Environmental	Directive 2002/96/EC WEEE
	EN50155:2007 (IEC 60571 ED. 3.0)
Automotive	E-mark, Automotive EMC Directive 95/54/EC
Rail Certification EMC	EN50121-3-2:2006 (IEC 62236-3-2 Ed.2.0)



For more information on the MTM5000 Series radios, please visit us on the web at: www.motorolasolutions.com/MTM5000

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