

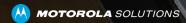
MISSION-CRITICAL ECOSYSTEM

Flexible technology platforms to create a safer world.



Motorola Solutions has created the first and only mission-critical ecosystem built for Public Safety & Enterprise. Its four platforms create the lifeline your safety and mission depend on.

Our mission is to never stop advancing that lifeline.



WHAT WE DO

The mission critical ecosystem for public safety and enterprise.



MISSION-CRITICAL COMMUNICATIONS

COMMAND CENTER SOFTWARE

VIDEO SECURITY AND ANALYTICS

MANAGED AND SUPPORT SERVICES

13K

private two-way radio networks 100m+

incidents managed through our software

320k

daily hot list

50M

events proactively monitored each day

100k

customers around

70%

of 911 call takers rely on our software

40%

enforcement agencies using our video systems

50%

customer networks using our services

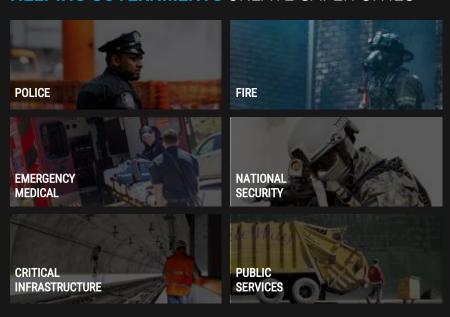
OUR ECOSYSTEM IS PROVEN IN SUPPORTING OUR CUSTOMERS EVERY DAY



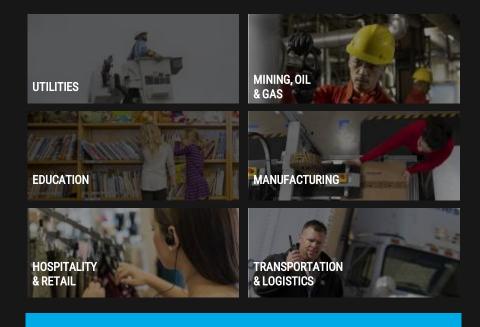
WHO WE SERVE

We provide the mission critical technology lifeline that keeps you safe and effective.

HELPING GOVERNMENTS CREATE SAFER CITIES



AND ENTERPRISES BUILD STRONGER BUSINESSES







Global leader in every two-way radio standard and LTE solutions.

- APCO P25
- TFTRA
- Digital Mobile Radio
- Professional Radio Standards
- Public Safety LTE Networks
- Purpose-Built Broadband Devices
- Broadband Push-to-X
- LMR/LTE Interoperability



Mission Critical Voice + Multimedia Collaboration

Protect your push-to-X lifeline. So you're always connected.

We build infrastructure and devices that enable mission critical communications, so the lifeline is always in reach. By reinforcing radio with broadband capabilities, we enable the instant voice and multimedia collaborations that keep our users safe and aware when it matters most.

"TETRA IS A PROVEN MISSION-CRITICAL **TECHNOLOGY, TRUSTED** BY GOVERNMENTS AND **PUBLIC SAFETY ORGANISATIONS** THROUGHOUT THE WORLD."

Thomas Lynch, Director for Safe Cities, Critical Communications and Security Research at OMDIA





INVESTING IN TETRA



COMMITMENT & HERITAGE

- Over 1000 DIMETRA systems in more than 100 countries
- 3.5 million TETRA terminals sold
- Over 30,000 base stations sold

INVESTMENT & INNOVATION

- DIMETRA X Core
- DIMETRA Express
- NEW! 5th Generation TETRA Radio Terminals

TETRA TODAY

TRUSTED · ALWAYS · EVERYWHERE

- Mission Critical Voice
- Secured Environment
 - AIE
 - E2E Voice Communication
- Narrowband Data
 - Short Data
 - Single-slot and Multi-Slot
 Packet Data



THE DIMETRA PORTFOLIO



TETRA SYSTEMS





X CORE

TRUNKING

SINGLE ZONE MULTI-ZONE

UP TO 100 SITES PER ZONE - 5,000+ PER SYSTEM UP TO 128,000 USERS PER ZONE - 1M+ PER SYSTEM **Geographical Redundancy**

EXPANDABLE SINGLE-SITE



EXPRESS

TRUNKING

SINGLE ZONE UP TO 20+SITES UP TO 4,000+ USERS **Geographical Redundancy**

TETRA RADIOS









APPLICATIONS















Radio Control

APIs



Console

APIs





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	Network	
	APle	

Data

MANAGED & SUPPORT SERVICES



API's















MXP600

FRONTLINE SAFETY,
TODAY AND TOMORROW

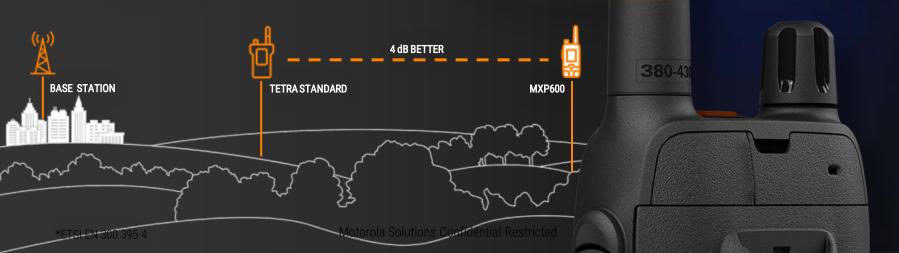


MOTOROLA SOLUTIONS



REACT TO WHATEVER HAPPENS WHEREVER IT HAPPENS

- 2.8 Watts, Class 3 transmission power
- High receiver sensitivity
 (4 dB better than the TETRA standard*)
- Means your radio can work up to 30% further from the base station
- Up to 55% better DMO range than a typical (1W)
 TETRA radio







ADAPTIVE MULTI-MICROPHONE BEAM-FORMING NOISE SUPPRESSION

- Gives you the confidence that your users will be heard
- Beam-forming technology optimises the user's speech level while minimising background noise

NOISE SOURCE

MICROPHONE
SENSITIVITY

The pair of Group Call microphones and our advanced adaptive algorithms enable beam-forming noise suppression to prioritise the user's voice.



MICROPHONE

SENSITIVITY



ADAPTIVE WIND NOISE MITIGATION

 Keep communications clear and intelligible even in windy conditions



Lots of wind noise present during the transmission.



MXP600 detects wind noise and automatically uses the protected loudspeaker as an additional microphone to reduce the effects of wind noise in the transmission.





AUTOMATIC HOWLING SUPPRESSION

Focus on the task, not your radio settings



Radios in close proximity to one another can sometimes cause acoustic feedback.



Automatic acoustic feedback suppression algorithm intelligently adjusts the radio to avoid the negative effects of acoustic feedback.





ALWAYS KNOW WHERE YOUR PEOPLE ARE

MXP600 supports four Global Navigation Satellite Systems (GNSS)

- GPS
- · Galileo (new feature)
- Beidou
- GLONASS

GPS plus another GNSS provides location accuracy down to 1.2m*





A RADIO THAT GOES THE DISTANCE

- Standard 1900mAh battery lasts up to 18 hours
- 2900mAh battery works down to -30 degrees C
- The optional 3400mAh high capacity battery lasts up to 30 hours*, enough for even the longest of shifts
- Easy to swap batteries in the field
- Operating temperature goes up to a market leading +70 degrees C
- Rugged and dependable
- Tested to military standards*
- IP65, IP66, IP67 and IP68 ratings:
- Dustproof, waterproof, submersible
- IP68 at 2m for 2 hours

High Capacity



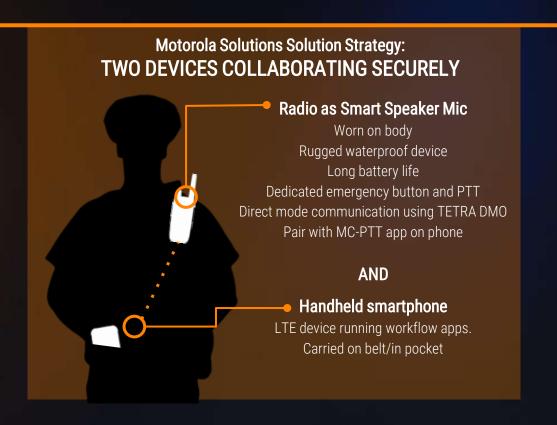
ENABLING COLLABORATION

MXP600 is ideal for customers looking at LTE network migration

DUAL MODE CONSIDERATIONS

- Accessible controls Rapid access under all conditions to emergency button and PTT without needing to think about it.
- Audio on the shoulder able to hear dispatchers and colleagues even when on a foot chase
- Direct mode (device to device) available in case of network issues.
- Handheld touchscreen for workflow apps using Android or iOS.
- Voice always available even when using other apps

Meeting all these requirements in a single device is not possible









Extend Radio to Broadband



Utilize Device and Network of Choice



Increase Team Collaboration



On Prem User Data Security



THE SOLUTION: WAVE ON PREMISE



MULTIMEDIA MESSAGING



CONNECTIVITY ACROSS DIFFERENT DEVICES AND NETWORKS



INSTANT COMMUNICATION



BYOD DEVICES COTS SERVER HARDWARE







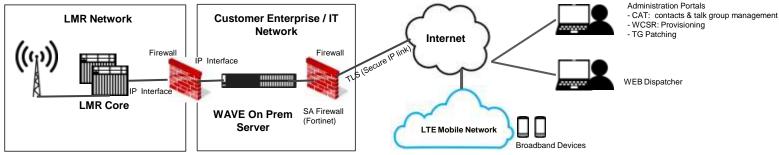


STANDARDS COMPLIANT SOFTWARE PLATFORM



WAVE PTX ON PREM SOLUTION ARCHITECTURE





- ASTRO 25
- DIMETRA
- MOTOTRBO

- WAVE PTX Server Platform
- Standard IT HW
- Customer Data Fully Protected

- Android / iOS Mobile App
- WEB Portals for Administration



WAVE MOBILE APPLICATION

SINGLE APPLICATION. MANY FUNCTIONS



PTT Communication



Integrated Messaging



Presence & Status



Photo & Video Sharing



Location Services







COTS Devices:

iOS Client OS: Version 11 and above

Android Client OS: 5.0 and above. Preferably 6.0 and above















LEX L11 OFFERS DIRECT ACCESS TO MISSION-CRITICAL CAPABILITIES



HANDS FREE

Two Programmable Buttons for hands free operations

SINGLE HANDED PTT

Direct Access to PTT

BLIND NAVIGATION

Direct Access to Talkgroup Toggle Capability

DIRECT ACCESS

Direct Access to **Emergency Capability**



MAKING THE RIGHT CONNECTIONS ...



... BY UTILIZING THE RIGHT TOOL

- **MISSION DATA**
- **SEVIDENCE RECORDING**



