MOTOTRBO
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SEE THE NEXT GENERATION OF RADIO IN ACTION FOR MUNICIPALITIES.

NOWADAYS, INFORMATION IS GENERALIZED IN THE WHOLE OF THE CITY. OFFICERS NEED THIS INFORMATION IN THE FIELD IN ORDER TO TAKE BETTER DECISIONS AND PROTECT THEMSELVES FURTHER SINCE THE VOICE AND DATA COMMUNICATIONS ARE THEIR REAL LIFE-SAVER AS WELL AS A VALUABLE SOURCE OF MISSION-CRITICAL INTELLIGENCE.

MOTOTRBO™ Ion is the first smart communications device that includes all of the data capabilities for voice and broadband, ideal for connecting officers in the field with their work teams and command and control centers in every environment. This includes the renowned PTT (Push-To-Talk), an Android-based open-source app environment, as well as the unified technology environment of Motorola Solutions; mobile connectivity (LTE/4G, 3G), Wi-Fi, Bluetooth, comprehensive network interoperability with WAVE PTX, DMR (MOTOTRBO), seamless voice handover, analytic and video solutions, the best network security in its class, and powerful new software and technology services such as smart virtual assistants.

MOTOTRBO™ Ion is the unmatched work tool for keeping yourself connected at all time, from field activities up to municipal offices since it was created for extreme environments that require constant and infallible communications. It is designed for an improved handling with gloves and built with ultra-rugged materials inside and out, from its hull up to its Gorilla Glass 3 screen, which allows for withstanding drops; it is entirely dust and water-tight, and has the best audio quality in the industry and batteries that last up to 25 hours. It integrates a photo and video camera. Besides, it is the only intrinsically safe, convergent radio certified to meet UL TIA-4950 safety standards.

Change the way you operate and interoperate with smart connectivity solutions that allow for being at the center of all management, development and community wellbeing.

Ⓜ **MOTOROLA** *SOLUTIONS*

SAFE AND CONNECTED **MUNICIPALITIES**

⊞ APPS ARE ⊕N

DIGITALIZATION HELPS YOU HAVE THE INFORMATION AT HAND FOR THE BEST DECISION TAKING, CREATING OR INCORPORATING MOBILE APPLICATIONS FOR OPTIMIZING THE QUALITY OF THE SERVICES AND CONNECTING ALL THE MOVING STAFF, CITIZENS AND AGENCIES EFFECTIVELY.

ACCESS CRITICAL DATA IMMEDIATELY

Check and feed the databases with biometrics, get personal, asset and vehicle information immediately to set the elements in the field with the knowledge of information about suspects and life-saving situations.

TRANSFER AND RECEIVE INFORMATION IN REAL TIME

Gather data and photo or video evidence with the integrated camera, mark your zones of interest in maps or geofences, incorporate all of your observations for your operational groups immediately, and transfer and receive information immediately.

EASILY TRACE YOUR ASSENTS AND TEAMS

Enable the bar code-scanning feature for entering, exiting, collecting and locating your teams and assets. Update the information in the real-time tracking system.

MAKE USE OF ARTIFICIAL INTELLIGENCE

Exploit the full potential of analytics by using facial-recognition apps and people data-search. Use data and analytics for knowing the suspect and seize the integration with video-security systems in order to take control of the operations.

INTERACT WITH CIVILIANS WITH OPENSOURCE APPLICATIONS

Work with the Android OS 10 apps and with the MOTOTRBO applications environment. Incorporate your own applications in order to collaborate with citizens and with your Command Centers in real time.
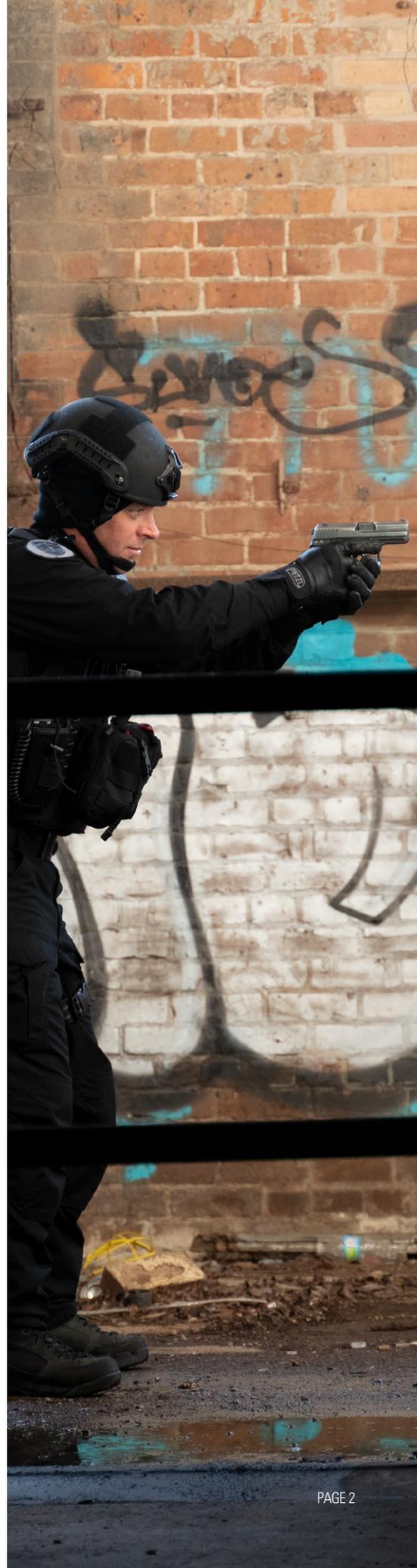
SAFE AND CONNECTED MUNICIPALITIES

DEPENDABILITY IS ⊕N

PROVIDE MISSION-CRITICAL TOOLS TO YOUR WORKFORCE THAT ALLOW FOR REAL-TIME CO-WORKING ENSURING OPTIMAL PERFORMANCE, EVEN IN HOSTILE ENVIRONMENTS, IN ORDER TO PROVIDE THEM WITH THE SECURITY THEY DESERVE AND COMPLIANCE WITH THE STRICT STANDARDS THAT YOUR OPERATIONS REQUIRE.

BE SAFE IN DANGEROUS ENVIRONMENTS

Trust your communications knowing you are completely safe and secure with MOTOTRBO™ Ion in the explosion or ignition-hazard zones since it is intrinsically secure and UL TIA-4950 certified.

WORK IN THE HARSHEST ZONES WITHOUT WORRYING ABOUT GEAR DAMAGE

Be confident that your MOTOTRBO™ will keep working in optimal conditions if it falls to the ground or water, or if it faces a dusty or snowy environment since it has an ultra-rugged, IP68-certified Gorilla Glass 3 screen that can withstand up to 1.22m falls towards concrete and water submersion for up to 2 hours.

SHARE INFORMATION AT ANYTIME EVEN WITH YOUR GLOVES ON

The Gorilla Glass 3 touchscreen allows for working in the harshest conditions. It's immune to false actuation from water, snow, dirt, and grease, and it works with or without gloves.

HEAR AND BE HEARD CLEARLY IN NOISY OR WINDY ENVIRONMENTS

Thanks to the industry-leading volume, clarity, and noise suppression features and to the advanced dual microphone, you can transmit and receive your communications uninterruptedly and over wind noise.

ENHANCE YOUR OPERATIONS WITH THE RIGHT ACCESSORIES

For a better performance in fieldwork and high-mobility environments, you need to have an easy and quick access to the PTT applications such as the remote wireless speaker microphone.

SAFE AND CONNECTED **MUNICIPALITIES**

CONNECTIVITY IS **⊕N**

EFFECTIVE ACTION CALLS FOR TOOLS THAT ALLOW INSTITUTIONS TO GET THE RIGHT INFORMATION IN THE RIGHT HANDS AT THE RIGHT MOMENT BY USING AN INTELLIGENT DEVICE FOR ACCESSING DATA INTELLIGENCE WHEREVER YOUR ACTIVITIES TAKE YOU.

REMAIN CONNECTED AT ALL TIME, REGARDLESS OF THE NETWORK, AND WITH THE SAME DEVICE

Now your tactical teams can remain connected through any network with a dedicated PTT, thanks to MOTOTRBO™ Ion's convergence, which allows for voice transference, keeping your communications while switching to broadband automatically when your radio signal fades. Use all of your available networks, LMR, WiFi, LTE/4G, for an optimal local communication, both national and international.

EXPLOIT CONVERGENCE TO ITS FULL POTENTIAL

Connect your MOTOTRBO™ Ion among different devices, networks and systems for traceability and trackability. Share digital reports and records. Interoperate among networks with different standards through the Wave PTX solution.

SEIZE THE INTEGRATED GPS

MOTOTRBO™ Ion is ready for activating its real-time GPS locating services that allow for tracking the staff in the field, following up and tracking vehicles, or adding apps for locating third parties or other groups.

TRANSFER DATA QUICKER WITH BLUETOOTH 5.0

The integrated Bluetooth allows you to easily locate teams within the premises. With a 5.0 technology, it delivers better speed and reach in data transfer, so it can also be used for gathering information and multiplying the data-gathering capabilities.

SAFE AND CONNECTED **MUNICIPALITIES**

UPTIME IS **ON**

PROVIDE AN EXCEPTIONAL CITIZEN EXPERIENCE BY QUICKLY ANSWERING TO THEIR DEMANDS WITH GREAT FLEXIBILITY, AGILITY AND END-TO-END ADHERING BY INCORPORATING ALL OF THE POINTS OF CONTACT IN YOUR CHAIN OF COMMAND, COMMUNICATIONS AND DECISSION-MAKING.
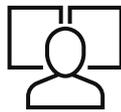
IMPROVE THE EXPERIENCE BY EASING INFORMATION

Since MOTOTRBO™ Ion comprises a whole voice, video, analytics, software and services environment, it allows you to connect your institution with technology and sharing it instantly with your team members or even with the citizens, powering everything you need for meeting today's demands and tomorrow's challenges.

LONGER BATTERY LIFE MEANS EXTENDED OPERATIONAL TIME

MOTOTRBO™ Ion's standard batteries last for a whole shift so you can keep your devices in the field for longer, with the capability of working in temperatures as low as -4 °F (-20 °C) and as high as 140 °F (60 °C). They are also interchangeable, so you can switch batteries between shifts and retrieve your devices in the field without waiting for them to charge.

SUPERVISE AND SOLVE YOUR FLEET'S PROBLEMS REMOTELY

With RadioCentral and your mobile device management solution, all data you provide through these services will help you diagnose and solve issues with a minimal idle time. And our data transmission and device-management service analyzes the performance data to help you take better decisions over your devices and network, from powering a better use to evolving them periodically.

SAFE AND CONNECTED MUNICIPALITIES

🔒 SECURITY IS ⊕N

INSTITUTIONS FACE A GREAT CHALLENGE OF RELEVANCE: ENSURING THE INFORMATION EXCHANGE AMONG LEADS, CONTROL CENTERS AND FIELD ELEMENTS TO FLOW IN A TIMELY AND, MOST OF ALL, SECURE WAY. ALSO, PROTECTING THE CITIZENS, THE TACTICAL AND OPERATIONAL TEAMS AND ELEMENTS, DEPEND ON THE USE OF RELIABLE AND SECURE NETWORKS. MOTOTRBO ION ENSURES SECURITY AT ALL LEVELS.

+ Remote activation for emergencies.
+ Transmission and reception of event evidence.
+ Interoperability with other Private, Emergency and Public Safety networks with WAVE PTX.
+ Aerial suite with site-monitoring drones which enhances the security of your staff.

+ Video safety for perimeter control.
+ Inbound and outbound vehicle and staff control.
+ Data analytics to know and anticipate situations.

Besides, your information will always be protected since MOTOTRBO™ Ion prevents malware, phishing and other malicious activities with at-rest and in-transit stored encryption, protection of all connectivity interfaces (LMR, WI-FI, LTE/4G, 3G) and separated user profiles (work / personal).

+ **DEVICE** SAFETY
+ **APP** SAFETY
+ **DATA** SAFETY

MOTOTRBO™ Ion keeps you connected with the best of two worlds. Discover how you can seize the millions of data that your operations generate daily, with just one device. Get a competitive advantage by seizing the information for your own benefit. Adopt digital state-of-the-art technologies in order to transform the way you operate, interoperate, and service your clients, and interact with your chain of command.
You will see the difference when you fully connect with your operations and provide an innovative and thorough experience in supporting the field management in providing public safety.

With MOTOTRBO Ion, your operations are ALWAYS ON.

MOTOTRBO
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CONNECTED MUNICIPALITIES
TOTALLY ON

Para obtener más información, por favor, visite
motorolasolutions.com/ion

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