MOTOTRBO
ION

GO ALL ⊕N

SEE THE NEXT GENERATION OF RADIO IN ACTION FOR MANUFACTURE.

THE MANUFACTURING INDUSTRY IS CONSTANTLY AND RAPIDLY FOCUSING IN THE ADOPTION OF DIGITAL TECHNOLOGIES IN ORDER TO IMPROVE ITS PROFITABILITY AND SAFETY, CENTERING ITSELF IN THE CLIENT AND POWERING AGILITY WITHIN THE ORGANIZATIONS, ENABLING ACCESS TO INFORMATION FOR ALL OF THE MEMBERS OF THE COMPANIES WHENEVER THEY NEED IT.

MOTOTRBO™ Ion is the first smart communications device that has been adapted for businesses and includes all the data capabilities for voice and broadband, which makes it ideal for manufacturing operations in all of their environments. 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 in any environment within your manufacturing plant or factory, warehouse, distribution center, point of sales, and even while transferring

merchandise, since it was planned for such tough and extreme environments. 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.

Transform the way you operate and interoperate with smart connectivity solutions that will help you incorporate end-to-end services that will stablish the communications among processes, systems, machinery and staff, generating a great collaboration for improving the supply and value chain.

MOTOROLA SOLUTIONS

SAFE AND THOROUGHLY CONNECTED
MANUFACTURING OPERATIONS 4.0

APLICATIONS IN ACTION

USING NEED-SPECIFIC SOLUTIONS IS PARAMOUNT FOR UNDERSTANDING DATA AND SEIZING IT TO FORECAST RESULTS. GATHER, ANALYZE, AND SHARE REAL-TIME INFORMATION IN ORDER TO HELP YOUR ORGANIZATION TO MAKE BETTER CHOICES AND ENSURING YOUR PLATFORM IS READY AND CAPABLE OF ENDURING THE IMPROVEMENTS OF TOMORROW.

LOWER OPERATIONAL RISK WITH TELEMETRY APPS

Make real-time reports of the information of the machinery by receiving a radio alert and video or image evidence of the situation so you can take immediate action. Generate the machine repair or surveillance work order instantly.

TRANSFER AND RECEIVE INFORMATION WITHOUT STOPPING ANYBODY ELSE'S ACTIVITIES

Receive and send evidence for an optimal quality assurance and for the surveillance of industrial processes. Or share order or transaction delivery receipts in your points of sales.

KEEP AN ORGANIZED AND LOCALIZED STOCK

Enable the bar code-scanning feature for managing your stock, products and assets within the enterprise for immediate information and traceability.

MAKE USE OF ARTIFICIAL INTELLIGENCE

Exploit the full potential of analytics by using facial-recognition apps and people data-search for detecting intruders and poor mask or protective gear use.

INCORPORATE APPS IN AN OPEN-SOURCE ENVIRONMENT

Work with the Android OS 10 apps and with the MOTOTRBO applications environment. Incorporate your own applications to achieve excellence in your operative efficiency.

SAFE AND THOROUGHLY CONNECTED
MANUFACTURING OPERATIONS 4.0

RELIABILITY IN ACTION

PROVIDE MISSION-CRITICAL TOOLS TO YOUR WORKFORCE THAT WILL 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 SAFETY STANDARDS OF THE INDUSTRY.

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 greasy 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 WITHOUT TAKING YOUR GLOVES OFF

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.

TAKE CARE OF YOUR HEALTH WITH THE RIGHT ACCESSORIES

Shelter yourself from the annoying noise with long-term, comfortable earpieces with superior audio quality that withstand hostile environments.

SAFE AND THOROUGHLY CONNECTED
MANUFACTURING OPERATIONS 4.0

CONNECTIVITY IN ACTION

FROM YOUR PLANT UP TO YOUR POINT OF SALES, IT IS PARAMOUNT THAT THE RIGHT INFORMATION REACHES THE RIGHT HANDS AT THE RIGHT MOMENT BY USING A SMART DEVICE FOR ACCESSING DATA INTELLIGENCE WHEREVER YOUR WORK TAKES YOU.

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

Now your work groups 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. Seize the WiFi for internal guard tours and keep LTE in broad-coverage zones for the external tours.

EXPLOIT CONVERGENCE TO ITS FULL POTENTIAL

Connect your MOTOTRBO™ Ion among different devices, networks and systems for traceability and trackability. Update the system automatically and adjust the production plan in real time. Share information whit other plants or offices anywhere in the world thanks to digitalization.

SEIZE THE INTEGRATED GPS

MOTOTRBO™ is ready for activating the GPS location services that allow for locating the staff in real time, tracking routes, or you can add apps for locating your groups and third parties or for geofencing your places of interest.

TRANSFER DATA QUICKER WITH BLUETOOTH 5.0

The integrated Bluetooth allows you to easily locate workers within the plant's premises and, being 5.0, delivers a higher speed and reach in data transference. You can save time, energy and costs this way, as well as maintain your staff safe.

SAFE AND THOROUGHLY CONNECTED MANUFACTURING OPERATIONS 4.0

⟳ ACTIVE TIME IN ACTIⴲN

PROVIDE AN EXCEPTIONAL CLIENT EXPERIENCE BY QUICKLY ANSWERING TO THEIR DEMANDS WITH GREAT FLEXIBILITY, AGILITY AND END-TO-END ADHERING BY INTEGRATING ALL OF YOUR CHAIN OF VALUE'S BUSINESS DIVISIONS.

IMPROVE YOUR PLANT'S PRODUCTIVITY BY ENABLING INFORMATION

Since MOTOTRBO™ Ion comprises a whole voice, video, analytics, software and services environment, it allows you to connect your organization with technology for expediting and automating your processes uninterruptedly and making your means of communications more efficient for taking actions immediately.

LONGER BATTERY LIFE MEANS BETTER PRODUCTIVITY

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.

OPTIMIZE MAINTEINANCE IN A STRATEGIC WAY

Apply the IIoT to get early warning notifications that will allow you to identify an issue, the root cause analysis, and diagnose failures to determine the severity of the case and the actions to be taken. This way, you will target the difficulties before they become problems that could significantly affect your operations. This turns assets from costly to being a means to power business' profitability.

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 THOROUGHLY CONNECTED MANUFACTURING OPERATIONS 4.0

SECURITY IN ACTION

SAFETY IS A KEY ELEMENT FOR MANUFACTURING ENTERPRISES: THAT OF THE STAFF, PREMISES AND SENSITIVE INFORMATION. WITH MOTOTRBO ION YOU HAVE THE POTENTIAL OF PREVENTING AND LOWERING THE RISK ACTIONS, KNOWING THE SITUATION IN ORDER TO RESPOND IMMEDIATELY AND ENSURING SENSITIVE INFORMATION REMAINS WHERE IT BELONGS.

+ 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 better seize the millions of data that your company generates daily, with just one device. Get a competitive advantage by seizing the information for your own benefit. Change the way you operate and interoperate with smart connectivity solutions for Manufacturing, and transform your business' strategy and your operations reality.

With MOTOTRBO Ion, your manufacturing operations are ALWAYS ON.

MOTOTRBO
ION

MANUFACTURING OPERATIONS
TOTALLY ON

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

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