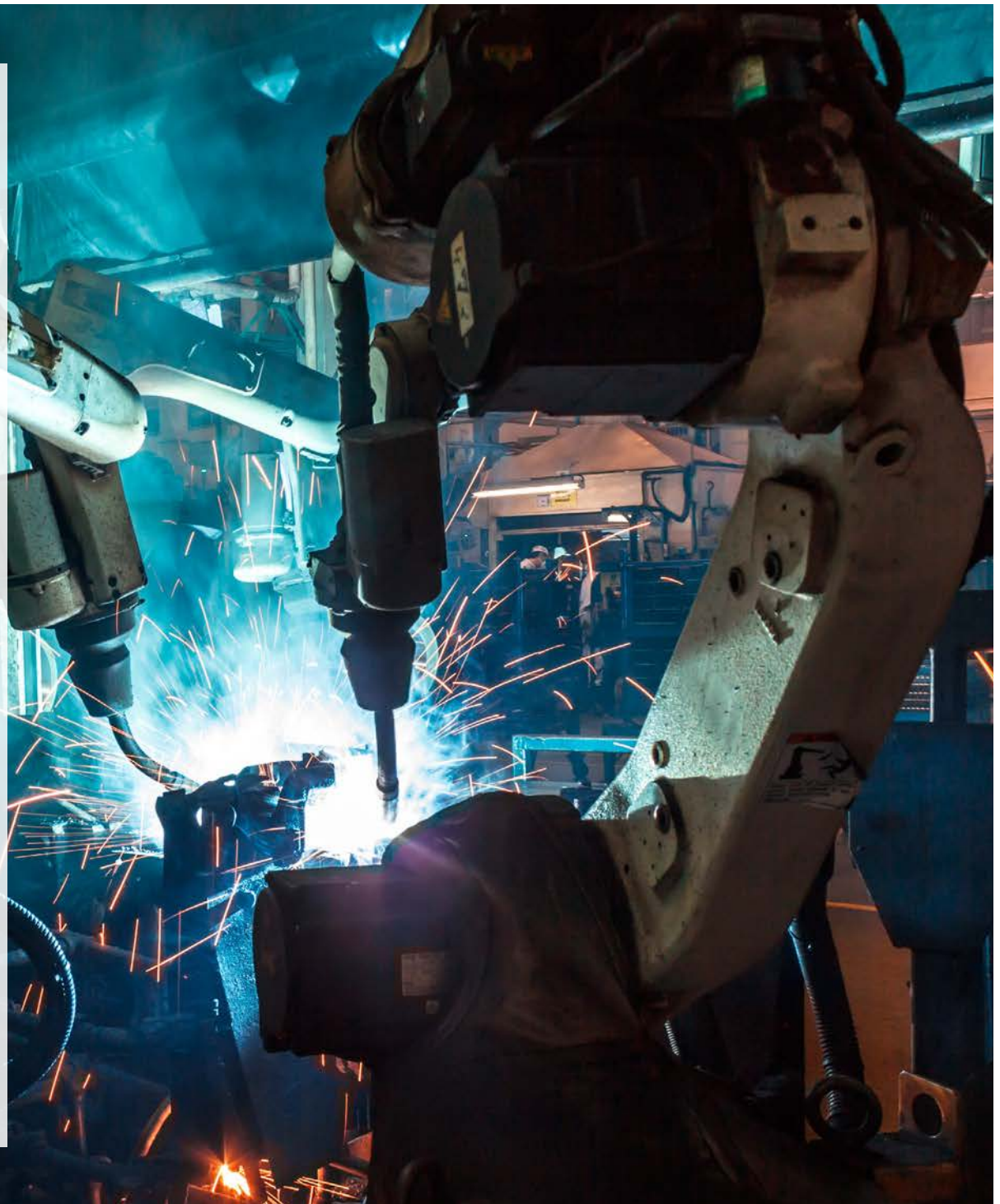


MOTOTRBO™ FOR MANUFACTURING

THE NEW MOTOTRBO INTELLIGENT RADIO FOR SMART, CONNECTED MANUFACTURING



MOTOROLA SOLUTIONS





MOTOTRBO FOR MANUFACTURING

PURPOSE-BUILT FOR PLANT COMMUNICATIONS

This Communications Guide provides fresh insights into the manufacturing sector and showcases how you can improve safety, drive efficiency and increase productivity with the latest MOTOTRBO communication solutions.

Click on the content bars below

to jump to your area of interest and follow the navigation at the bottom of the pages.



WATCH HOW COMMUNICATIONS ARE EVOLVING



MOTOTRBO FOR MANUFACTURING

WE'RE IN THE THE AGE OF MASS PERSONALISATION

Cars. Clothing. Electronics. Even industrial equipment. Customers demand customised solutions, regardless of scale.

For manufacturers, it's an age of huge opportunity, but immense pressure.

Pressure, because meeting customer expectations profitably means finding ever-greater efficiencies, with increased risk of accidents or downtime. This is why lean principles continue to shape manufacturing methodology across the world.

Opportunity, because emerging technologies like 3D printing and the Internet of Things unlock new areas of innovation and competitive differentiation.

Motorola operates on the front line of this new industrial revolution.

Our intelligent communication solutions are used by manufacturers all over the world to enable seamless collaboration, refined efficiency and rapid response to incidents.

Enhanced safety.

Reduced downtime.

Delighted customers.

Because when people can communicate clearly, they can work safely and efficiently.



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SAFETY



Accidents can happen when communication fails. A misunderstood instruction. A delay in reporting a hazardous spillage. A call for assistance that fails to connect.

Safety has shaped the development of the new MOTOTRBO. In a noisy environment, the quality of sound – in speakers or headphones – and the reliability of the signal can make the difference between the safe completion of a task and a dangerous incident.

Hearing protection is also a critical health and safety issue. Workers must be protected against prolonged exposure to noise, while still being able to hear alarms and other alerts.

MOTOTRBO solutions for manufacturing draw upon our years of experience developing specialised technology for police and fire first responders.

Radios can help keep workers safe by tracking location, monitoring movement and allowing them to call for backup or assistance when needed. Communication systems reach across different platforms –two-way radio, 3G/4G, Wi-Fi – to enable everyone to communicate, with integrated voice and data.

Risk can be controlled.

Harm can be mitigated.

Downtime can be reduced.

The dramatic enhancements to the MOTOTRBO portfolio deliver the audio quality, coverage, battery life and built-in intelligence that allows users to work confidently and safely.



“86% of manufacturing decision-makers see worker safety as a key priority for plant communications.”



“45% of plant operators say clarity and coverage of communications are among their top challenges.”

2015 Motorola Solutions Manufacturing Survey



People get more done when they can communicate easily.

Smart Manufacturing and the Internet of Things are automating labour-intensive processes and driving efficiency. But they're still only as good as the people who use them.

MOTOTRBO integrated communication solutions, including apps for processes such as Work Order Ticket Management, give users rapid access to the data they need, wherever they are working.

And they can push-to-talk for instant voice communication with the team on the factory floor, or for authorisation with a supervisor who is off-site on a mobile phone.

Instant connection with people and data.

Clear, immediate communication.

Fast, effective decisions.

The dramatic enhancements to the MOTOTRBO portfolio enable the closer, real-time collaboration that accelerates time-to-market, reduces downtime and maximises safety.



"35% of US manufacturers currently collect and use data generated by smart devices to enhance manufacturing and operational processes..."

PwC/Zpryme Disruptive Manufacturing Innovations Survey 2014

"82% of companies using smart manufacturing have experienced increased efficiency."



"45% experienced increased customer satisfaction."

ASQ 2014 Manufacturing Outlook Survey, American Society for Quality, Dec 2014

MOTOTRBO FOR MANUFACTURING

PRODUCTIVITY



Profit margins are under constant pressure. Costs are being cut but risk has to be managed.

Manufacturers are striving to do more and more, with less and less. And, they're struggling to find people with the essential skills they need.

Which means that people and the work they do are more precious than ever.

They need tools that allow them to work constantly at their productive best.

Sharing ideas.

Solving problems quickly.

Getting things done without disruption.

The dramatic enhancements to the MOTOTRBO portfolio reduce the barriers to communication that limit productivity. They allow the real-time flow of information, ideas and decisions that drive innovation, shorten cycle times, and build job satisfaction and loyalty.

"52% of manufacturing companies want real-time messaging between machines and people."

"46% say digital radios can reduce downtime 10 to 20%."

2015 Motorola Solutions Manufacturing Survey



"Up to 20% production capacity lost to downtime in factories."

"Costs of Downtime in the Manufacturing Industry",
eMaint Enterprises, December 2014

MOTOTRBO FOR MANUFACTURING

ENHANCEMENTS

Intelligent radio for the smart, connected world.





MOTOTRBO FOR MANUFACTURING

THE NEW MOTOTRBO AT WORK



Click on the pins
to find out more about MOTOTRBO in the workplace.



To see how the new MOTOTRBO can transform your operation, visit www.motorolasolutions.com/MOTOTRBO or find your closest Motorola Solutions representative or authorised Partner at www.motorolasolutions.com/contactus

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