



# MEET OR BEAT YOUR DEADLINES WITH TEAM COMMUNICATIONS



**MOTOROLA SOLUTIONS**

SOLUTIONS BRIEF

# TEAM COMMUNICATIONS PLATFORM TAKES PUSH-TO-TALK BEYOND THE BOUNDARIES

Manufacturing has entered the age of mass customisation. Safely making a solid product at a fair price is no longer enough. Today's consumers demand a product tailored to their specific needs, manufactured and delivered at a speed unimaginable just ten years ago.

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

To meet customer expectations profitably, companies must continually boost efficiencies while minimising downtime and protecting

employees. Lean manufacturing principles and technological revolutions like the Industrial Internet of Things offer exciting new possibilities – and introduce new and unexpected players into the competitive arena.

Motorola Solutions is with you on the front line of this new industrial revolution. Our Team Communications platform takes push-to-talk (PTT) beyond the boundaries of radio, allowing all of your employees to communicate instantly, from anywhere, while leveraging intelligence from a wide range of applications designed

to help your business succeed and keep your employees safe from harm.

Manufacturers around the globe trust us to enable seamless collaboration between their teams on the plant floor, in the front office, and in the loading bay. When teams can communicate clearly and instantly, from anywhere, safety is enhanced, downtime is reduced, and deadlines are met.



“Gartner predicts that there will be 6.4 billion connected IoT devices in use worldwide in 2016, and 21 billion units by 2020.”

IndustryWeek Special Research Report, The Internet of Things:  
Finding the Path To Value, 2015





## WORK SMARTER, NOT HARDER

In the age of smart manufacturing and the Industrial Internet of Things, efficiency improvements and cost savings are waiting to be found. Automating labour-intensive processes lets you apply your people to solving problems, improving quality, and maximising profits.

Team Communications opens up a world of efficiency-boosting applications for your business, from work order ticket management to dispatch solutions, and asset management to alarms and telemetry.

The largest portfolio of applications for two-way radio in the industry is at your disposal, with new innovations arriving frequently from the Motorola Solutions Application Developer Programme. When valuable information is uncovered, share it instantly to all concerned parties, no matter where they are located and what device they use.

Knowledge is power. Help your team reach their full potential and accelerate time-to-market by unifying your team communications.

“Manufacturers must embrace technological advances to improve plant productivity, compete against rivals, and maintain an edge with customers.”

2016 Industrial  
Manufacturing Trends  
Strategy, PwC



# ENSURE WORKER SAFETY AND SECURITY

The factory floor is a dangerous place when the lines are humming and schedules are tight. Key personnel on the floor carry MOTOTRBO™ radios, optimised to hear and be heard in noisy environments, with reliable coverage throughout the entire facility. However, other critical decision makers may be in the front office... at a sister facility... or out of town at an industry event.

When emergency decisions must be made, Motorola Solutions Team Communications extend your existing radio talkgroups to any

device, on any network, anywhere they have connectivity, providing instant communications with no boundaries to your critical personnel.

This means communications to any device: Motorola Solutions radios. Other manufacturers' radios. Mobile devices. Laptops. Tablets. And connection to any network: Motorola Solutions Land Mobile Radio (LMR), other manufacturers' LMR, 4G, 3G and WiFi. Motorola Solutions Team Communications connects them all, sharing critical voice and data to enable you to make informed decisions in an emergency.

**Risk can be controlled.**

**Harm can be mitigated.**

**Downtime can be reduced.**

Workers are a critical commodity in high demand. Keep yours safe with Team Communications.



“

**59% of manufacturers surveyed believe more streamlined collaboration with colleagues would have the greatest impact on productivity**

Workforce Communications in Commercial Operations,  
Motorola Solutions, 2015


”

# TAKE YOUR COMMUNICATIONS FURTHER.

## INEFFICIENT COMMUNICATIONS DRAIN RESOURCES AND CRIPPLE PRODUCTIVITY

**80%**<sup>(1)</sup> 

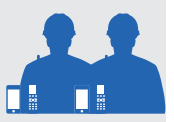
Of business calls go to **voicemail**

**28%**<sup>(2)</sup> 

Of the average worker's week spent **managing emails**

**96%**<sup>(3)</sup> 

Of executives cite lack of collaboration or **ineffective communication** as the main source of workplace failures

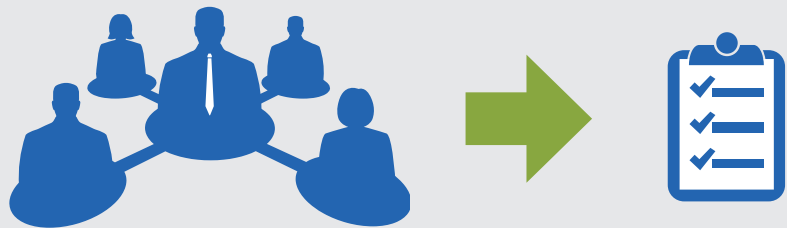
**85%**<sup>(4)</sup> 

Of workers complete their objectives using **multiple devices**

## IMPROVE WORKPLACE EFFICIENCY WITH UNIFIED TEAM COMMUNICATIONS

**20-25%**<sup>(5)</sup>

Average improvement in productivity in organisations with connected employees



## MOTOROLA SOLUTIONS TEAM COMMUNICATIONS FOR MANUFACTURING

### ANY TEAM MEMBER



#### EXECUTIVE

- Instantly contact all employees with PTT app
- Monitor emergency talkgroups
- Stay connected from anywhere



#### PLANT MANAGER

- Communicate with front line workers using a PTT web client
- Monitor any GPS tracking and workflow applications from the same device



#### DISPATCH

- Dispatch team members using an integrated console or web client
- Communicate with management when needed
- Monitor alarms, GPS tracking and workflow applications



#### PRODUCTION

- Leverage a purpose-built device for the simple communications and enhanced durability
- Work order ticketing and GPS tracking integration
- No recurring costs

### ANY NETWORK



### ANY DEVICE



### ANY APPLICATION

- Work Order Ticket Management
- Dispatch Solutions
- Asset Management
- Alarms and Telemetry
- WAVE™ PTT

### SOURCES

1. **80%** - <https://www.ringlead.com/25-sales-outreach-statistics-help-sell-better/>  
2. **28%** - <http://www.mckinsey.com/industries/high-tech/our-insights/the-social-economy>  
3. **96%** - <http://blog.thinkahead.com/ceos-will-love-enterprise-file-sync-share-efss>

4. **85%** - [bit.ly/qlik-multiple-devices-report](http://bit.ly/qlik-multiple-devices-report)  
5. **20-25%** - <http://www.mckinsey.com/industries/high-tech/our-insights/the-social-economy>





## CUT DOWN ON DOWNTIME.

The line between profitability and bankruptcy can be a thin one, and may hinge on how often your lines go down. In today's competitive marketplace, an unexpected outage can easily lead to missed deadlines, frustrated customers, reduced orders, and debilitating long-term damage to your business.

In the constant battle to minimise downtime and eliminate waste, a unified Team Communications platform can be an invaluable weapon. Asset management, work order ticketing, and alarm and telemetry applications help keep the production lines producing and the scheduled maintenance on schedule.

### TAKE YOUR COMMUNICATIONS FURTHER WITH MOTOROLA SOLUTIONS TEAM COMMUNICATIONS

Smart manufacturers can seize the opportunities and address the challenges of the modern marketplace with Team Communications. Your personnel can connect instantly – on any device, on any network, anywhere – utilising the same radio talkgroups as your radio users. A wide variety of applications from the industry's largest

In the event of an unexpected outage, these applications – coupled with instant push-to-talk communication to any user on any device, anywhere – help to resolve issues as quickly as possible while still meeting critical deliveries.

Your employees are your most valuable asset, especially in the current climate where skilled workers are in short supply. Team Communications allow them to share ideas instantly, solve problems quickly, and keep your productivity at its peak.

two-way radio developer network help keep employees safe, boost efficiency, and minimise downtime. Keep your team engaged and aware, sharing ideas, solving problems, and building the future of your business with Motorola Solutions Team Communications.

“**Response time was one of our biggest issues. Today operators communicate with mechanics quickly to get problems solved. Outcomes are faster, teams are more organised and it's a lot easier.**”

Process Improvement Supervisor,  
Nation Pizza and Foods

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