



# Manufacturing: Maximize uptime and improve productivity with mobility



MOTOTRBO delivers increased capacity, integrated data applications and enhanced voice communication to help manufacturers remain competitive in today's market.

The manufacturing environment demands efficiency and productivity to remain competitive in today's market. And it requires easy-to-use communication in order to maximize uptime, ensure plant safety, support long work shifts and provide the ability to rapidly respond to incidents.

The MOTOTRBO™ Professional Digital Two-way Radio System is ready to help you respond to those challenges. Versatile and powerful, MOTOTRBO delivers a wide range of effective two-way radio communication with better basics and enhanced features. It combines the best in two-way radio functionality with digital technology to deliver increased capacity, integrated data applications and enhanced voice communication, where and when you need it.

## Noise Suppression

The hustle and bustle of a manufacturing plant often results in a noisy work environment. MOTOTRBO's background noise suppression feature helps to ensure communication comes through loud and clear. And with a complete line of audio accessories, including several that offer state-of-the-art IMPRES™ audio technology, your workers can utilize a wide variety of headsets to ensure they clearly hear the message and don't miss a call.

## Coverage

Ensuring communication across the entire area of a facility is vital to the smooth operation of a manufacturing plant. With digital technology, MOTOTRBO provides clearer voice communications over a greater range than comparable analog radios, while rejecting static and noise. When signal strength drops off with distance, digital error-correction technology, utilized by MOTOTRBO, can accurately deliver both audio and data content with virtually no loss throughout the coverage area. This results in clearer communication with your workers no matter where they are in the plant.

## Durability

Industrial environments can be tough and a plant's two-way radio system needs to be durable in order to stand up to the challenge. MOTOTRBO radios meet demanding specifications including IP57 for submersibility in water (portable models), U.S. Military 810 C, D, E and F, and Motorola standards for durability and reliability. Intrinsically safe models are also available on portable models and can be used in locations where flammable gas, vapors or combustible dust may be present. Your workers can be assured that their radios will stand up to harsh working conditions.

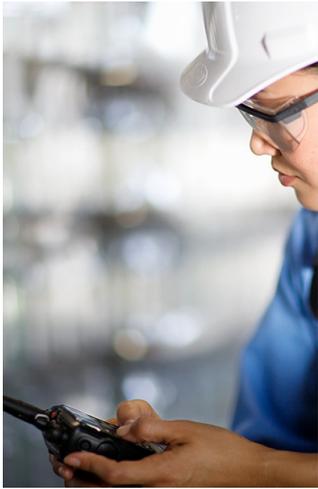
## Enhanced Battery Life

To keep up with today's demanding work environment, manufacturing plants may require long work shifts. And they require communication equipment that will work throughout the entire shift. MOTOTRBO offers enhanced battery life to do just that. Digital TDMA two-way portable radios can operate up to 40% longer between recharges compared to typical analog radios.

Furthermore, Motorola's state-of-the-art IMPRES™ energy technology allows communication between the battery and the charger to automate battery maintenance. The result – a radio system that is charged and ready to go whenever you need it.

## Carry Accessories

Manufacturing workers require communication that ensures their hands are free to focus on the job at hand. MOTOTRBO offers a wide variety of carry cases and belt clips so that their radios can clip on to a belt for hands-free portability. And with a complete line of audio accessories, workers can utilize a wide variety of headsets to communicate without having to hold the radio.



MOTOTRBO's integrated data capability enables GPS-based location tracking of workers and vehicles as well as quick and easy information sharing via text messaging.

### Locating Capabilities

Locating inbound supplies and outbound deliveries is vital to ensure smooth operations. With MOTOTRBO's integrated GPS modem, you can track your workers and vehicles, without cumbersome external GPS devices to install and maintain. In conjunction with location software applications, you can view the location of inbound materials and determine their expected arrival times to prepare the receiving department. You can also view the location of outbound deliveries to ensure deliveries are being made timely and to the proper locations – all while coordinating your fleet to do so in the most efficient manner possible.

### Telemetry

Automating functions helps manufacturing plants improve productivity. MOTOTRBO offers telemetry applications that can help to automate various functions within the plant. With simple programming, MOTOTRBO radios can automate regular tasks. The maintenance department can use MOTOTRBO with irrigation systems to turn off and on their sprinkler system with the push of a button. Security can program their MOTOTRBO radios to receive an alarm text message any time the emergency back door of the warehouse is opened. The delivery fleet can utilize MOTOTRBO to remotely open the warehouse gate each time they come back to restock their trucks. Telemetry applications provide workers with the ability to automate tasks, save time and improve their productivity.

### Text Messaging

Manufacturing workers must be able to quickly share information whether it is to prioritize an order or check the status of supplies. Text messaging enables workers to communicate this type of information quickly and easily. The MOTOTRBO text messaging feature allows communication between radios and dispatch systems, between radios and email-addressable devices, and to remote PC clients attached to radios. Whether it's the need for discreet communication or the ability to send quick text messages, you and your team are able to utilize another form of communication when voice communication is not feasible.

### Value

As with any business, cost management in a manufacturing plant is important to increasing profit margins. MOTOTRBO provides exceptional value for two-way radio communication. By utilizing TDMA

digital technology, MOTOTRBO enables two virtual channels within a single 12.5 kHz licensed repeater channel. This provides twice the calling capacity for the price of one license. A second call does not require a second repeater, so you save on equipment costs.

MOTOTRBO also offers integrated voice and data communication capability, in one device. Using MOTOTRBO portable and mobile radios saves you the cost of additional equipment to utilize text messaging and GPS-based location tracking applications.

To help control the cost of replacing batteries, Motorola's state-of-the-art IMPRES technology automatically maintains your battery fleet to make sure talk-time is maximized throughout the life of the battery. Furthermore, with MOTOTRBO there are no recurring monthly fees and no per-call charges. So there is no longer a need for estimating monthly usage fees.

MOTOTRBO offers the quality you have come to expect from Motorola products. In addition, MOTOTRBO radios are backed by a limited two-year warranty, plus one year Repair Service Advantage (US only) / Extended Warranty (Canada).

### Summary

Today's work environment requires efficiency and productivity in order to remain competitive and two-way radio communication can help to do just that. Powerful, scalable and future-ready, the MOTOTRBO Professional Digital Two-way Radio System is designed to improve your response time and increase your productivity and efficiency today – and tomorrow.



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