

## Manufacturing Facilities

MCA offers a comprehensive set of solutions engineered to improve the safety, security, and efficiency of manufacturers and their fixed and mobile operations.

### Communications Solutions for Manufacturing Sites and Equipment

According to a recent security briefing, manufacturing experienced a 239% increase in ransomware and physical attacks on their machinery and infrastructure since 2019. Meanwhile, the National Institute for Occupational Safety and Health (NIOSH) estimates that over 13 million workers (5% of the American workforce) in the manufacturing industry are at risk for fatal and nonfatal injuries.

MCA designs, provisions, installs, and maintains the best-in-class detection and communication systems for manufacturing to protect people and property and reduce worker downtime. MCA possesses decades of experience devising security and communication solutions, protecting workers, and boosting productivity in manufacturing.

#### Purpose-Built Solutions for Manufacturing and Production Companies

Solutions from the team at MCA for manufacturing are designed to withstand the most hazardous working conditions and environments. Our mission-critical two-way radios, rugged laptops, best-in-class vehicle routers, private wireless networks, and more provide your organization with what it needs to successfully improve safety, productivity, and security.

- Our Intelligent Surveillance and Analytics Systems for manufacturing plants offer the latest in IP-based security •
  - MCA's vast inventory of Motorola two-way radios and Panasonic Toughbooks keep your teams connected •
  - With Motorola Nitro™, each of your facilities can utilize a private broadband network for voice, video, and data •
- MCA's Industrial IoT solutions offer technologies that allow you to remotely monitor key equipment and processes •

#### Professional Services

We offer engineering services, project managers, system managers, and FCC Licensing to provide you with a full service team for the successful design, deployment and life-cycle support of your project.

#### Installation Services

From radio site development, staging and testing, and system development to installing aftermarket and OEM equipment to fleet vehicles, MCA has a devoted certified technical staff to meet your needs.

#### Solution Support

Our team provides full-service maintenance, repair and managed solutions services. Our dedicated support staff can manage your custom solutions — allowing you more time to focus on your business.

#### Rental Services

Many of our products are available via customer-friendly short and long-term rental programs. Our easy-to-use and personalized rental service helps meet your evolving communications and technology requirements.



## Radio Solutions

### MotoTRBO Radios & Rentals

MotoTRBO two-way radios redefine communication with the clearest, loudest audio with easy-to-use, rugged hand-held and headset devices.

### Motorola Wave Push-to-Talk

Connects teams at the push of a button across different networks and devices, including phone, tablets, computers, and two-way radios.

### PTX Dispatch Systems

WAVE PTX™ Dispatch simplifies daily operations. Login from any where to access all the resources you need to coordinate your logistics activities.

### Public Safety DAS

Ensure ERRCs communications work throughout your entire facility with PSR DAS solutions to ensure open lines for first responder communications.



## Security Solutions

### Video Surveillance

MCA delivers IP-based video surveillance systems with the latest in self-learning and automated intelligence software for optimal security.

### Detection Systems

Our integrated systems monitor your facilities for unauthorized visitors, suspicious activities, and downed team members for OSHA compliance.

### Access Control Systems

We install state-of-the-art access control systems in manufacturing and production facilities with card readers, RFID scanners and biometric capabilities.

### Emergency Notifications

Alert, inform, and direct your people to safety when workplace incidents, accidents, or emergencies occur with lights, sirens, and PA systems.



## Data Solutions

### Automation and Control

Deploy cellular routers, remote terminal units, and wireless sensors from MCA to support your SCADA based manufacturing processes and operations.

### Private LTE and CBRS

We'll build the infrastructure you need to transmit and receive private and secure voice, data, and video communications with Motorola Nitro™ solutions.

### Optical Networking

Carry large loads of mission-critical information from node to node, and ensure that this information reaches its final destination quickly and seamlessly.



## Equipment Solutions

### Equipment Sensors

We can provide the cellular and LoRaWAN® gateways and sensors you need to receive real-time notifications when equipment malfunctions.

### Mobile Networks

Our purpose-built cellular routers for mobile applications let you know exactly where all your mobile assets are - from security vehicles to fork lifts and more.

### Asset Tracking

Track the precise location and movement of merchandise and inventory within your facilities with RFID and Wifi-enabled asset tagging solutions.



## Personnel Solutions

### Incident Management

Streamline end-to-end incident management by leveraging Next-gen technologies for call taking, dispatch, and maintenance workflows.

### Workforce Management

Whether it's a faulty sensor, blown lightbulb or a major equipment failure, you need to make sure work orders get sent to the right departments and the right people.

### Rugged Laptops and Tablets

Our Panasonic Toughbooks and tablets are engineered to survive the harshest work conditions — making them well suited for use within manufacturing environments.

CONTACT MCA TODAY TO MAKE YOUR WORKPLACE



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