

Cellular Networking Solutions for Manufacturing



Public and Private LTE Networks Fuel Industry 4.0 Advancements

In the manufacturing industry, the fusion of public and private cellular networking solutions is at the heart of innovation and efficiency. Public LTE and 5G networks extend the reach of factories to a global stage, connecting supply chains and facilitating real-time communication, while private networks, meticulously tailored to individual facilities, orchestrate a symphony of machinery, robots, and sensors with unparalleled precision. Together, they are ushering in an era where downtime is obsolete, safety is paramount, and productivity knows no bounds. These networks, the architects of agility and the sentinels of security, transform the factory floor into a digital realm where data flows as lifeblood. In the pursuit of excellence, manufacturing finds its most steadfast allies in these networks—maestros conducting the orchestra of innovation.



SCADA and Industrial IoT

Our industrial switches, rugged routers, LoRa devices, and remote management softwares, effortlessly link automation systems, allowing you to enhance your network architecture for maximum performance and efficiency.



Distribution and Logistics

Streamlining operations becomes simpler when your personnel, facilities, and transport vehicles utilize fixed and mobile networking solutions — enabling product and freight tracking across your complete distribution chain.



Safety and Security

Organizations with valuable and high-risk manufacturing assets must respond rapidly to incidents. To achieve this, uninterrupted connectivity to surveillance, access control, and mass notification equipment is essential.



Private LTE and CBRS

PLTE networks address connectivity issues in large automated facilities — providing a secure and agile network to optimize workforce, equipment, resources, and space more effectively than traditional Wi-Fi systems.



Assets and Equipment

Our wireless solutions facilitate communication with fixed and mobile equipment, contributing to integrated production processes — connect your personnel to your assets using secure and cutting-edge cellular devices.



Building Automation and Control

Cellular solutions in modern building automation and control systems provide reliable connectivity to manage building functions, enhancing energy efficiency and occupant comfort while simplifying maintenance and control.

The Team | [Device Provisioning, Activation, and Installation Services](#)

For the last 27 years, the cellular networking solutions team at MCA has provided expert connectivity solutions to public and private organizations in need of top-of-the-line connectivity devices and platforms to manage their vital communications infrastructure. We provide top-tier support for all aspects of our customers mission and business-critical connectivity projects. Our technicians and installation teams assess your needs and engineer customized solutions to outfit your organization with the hardware and software required to fit your exacting needs.

CONTACT US TO MAKE YOUR WORKPLACE MORE SAFE, SECURE, & EFFICIENT



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