

Private LTE for Manufacturing



Private Cellular Networks with Motorola *Nitro*™

Get lightning-fast, enterprise-grade data flowing securely across every level of your manufacturing facility with Nitro™. Nitro delivers enterprise-grade private LTE that outperforms Wi-Fi while providing unmatched simplicity and control. It is the first fully-managed Citizens Broadband Radio Service (CBRS) platform that combines private broadband data with business-critical voice.

ON-PREMISE PRIVATE LTE

Don't bring consumer broadband to a commercial site. With twice the capacity and up to four times the range* of Wi-Fi, Nitro lets your manufacturing plants and facilities do more with less.

SIMPLE INFRASTRUCTURE

Deploying a robust broadband network doesn't have to involve complex installation, or a large capital investment. And the hardware is ready to go as soon as you are — all it needs is power and an internet connection.

FULL MANAGEMENT AND CONTROL

Focus less on managing your manufacturing facilities' network and more on leveraging its performance. Remove the hassles of network management while enabling full control of your operation via a cloud-based portal.

PRIMED FOR THE FUTURE

Investment in Nitro is an investment in a long-term partner, not just a platform. Because we manage the solution end-to-end, you can rest assured that every piece of your operation is working optimally together.



*Based on 802.11a standard for 5.0 GHz Wi-Fi using similar channel bandwidths.

FACILITY-WIDE PRIVATE NETWORK

Nitro provides facility-wide private data, even in outdoor and remote areas that are difficult to cover with Wi-Fi. With a range that extends up to one mile from each base installed - making it ideal for large manufacturing facilities.



HIGH-CAPACITY DATA NETWORK

Gain significantly greater device capacity across your manufacturing campus to support the growing number of connections your line-workers, foreman, and engineering teams need for laptops, tablets, radios, vehicles, scanners, and more.



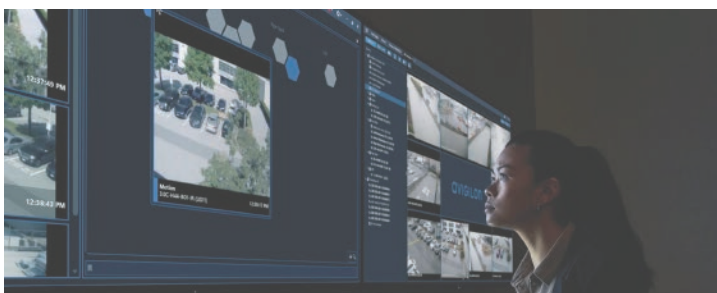
IMPROVE SENSOR CONNECTIVITY

For operational efficiency and security, your plants workers can utilize your public Wi-Fi connection, while your business-critical equipment like, wireless sensors and SCADA RTUs, utilize your separate and more powerful private Wi-Fi network.



SECURITY NETWORK CONNECTIVITY

Uniquely equipped to provide outstanding capacity and data streaming over your private network, Nitro provides excellent data support for Avigilon security cameras, digital signage, and streaming video to security offices or mobile devices.



Why Partner with MCA?

- Over 30 Years Experience in Communications
- Quality Devices from Top Manufacturing Partners
- Rapid Deployment of Connectivity Solutions
- Fast, Secure, and Reliable Network Performance
- Customized Engineering Services

