

## Private LTE for Utilities



## Private Cellular Networks with Motorola *Nitro*™

In order to keep customers' utilities running with minimal interruption, teams now need reliable data connectivity across areas of many miles, while interference from heavy machinery, trucks, and dead spots in remote areas make it challenging for traditional Wi-Fi and carrier LTE to keep pace with the growing data needs of utility companies.

Nitro™ delivers private LTE broadband that outperforms Wi-Fi, while providing unmatched simplicity and control for your logistics operations. Quick, reliable, and secure, Nitro supports a wide range of applications like video, mobility, IoT, asset scanning, and other machine automation processes.

### 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 network and more on leveraging its performance. Remove the hassles of operating your own network core, while retaining spectrum exclusivity and keeping your data local.

### INTEROPERABILITY WITH MOTOTRBO

Nitro offers cutting-edge technology for your data needs that is also designed to work together for voice interoperability across MOTOTRBO systems and devices. Integrating and extending your return on investments for safer, more efficient logistics operations.

### PRIMED FOR THE FUTURE

Investment in Nitro is an investment in a long-term partner, not just a platform. With our cutting-edge infrastructure, simple yet smart software, and robust, logistics-ready end user devices, we manage the solution end-to-end — so you can rest assured that everything works well together.



## CAMPUS-WIDE PRIVATE NETWORK

Nitro provides campus-wide private data, even in outdoor, remote, and elevated areas that are difficult to cover with Wi-Fi.



## WIDE-AREA COVERAGE (NITRO + 900 MHZ)

We offer the only end-to-end private broadband solution for critical infrastructure entities spanning voice, data, video and IoT across interoperable LMR and LTE networks, combining LTE service in the 900 MHz and CBRS spectrums.



## RELIABLE CONNECTION FOR SECURITY NETWORK

Nitro blankets your entire facility, including far-reaching, elevated or remote areas, with a reliable data connection, ideal as backhaul for your video security cameras and system.



## ROBUST SENSOR AND IOT SUPPORT

With increased capacity, and better streaming, Nitro is ready to help your operations scale up its interconnectivity with IoT sensors, alarms, SCADA, machine automation, and grid modernization.



## SEAMLESS DEVICE HANDOVER

Nitro's indoor and outdoor coverage, paired with seamless session handover between access points, ensures mobility across your entire site, so you can run your complex operations without interruption as your personnel, equipment, and vehicles move across your grounds.



## MOTOTRBO INTEROPERABILITY

Nitro PLTE offers cutting-edge technology for your data needs that is also designed to work together for voice interoperability across MOTOTRBO systems and devices. Integrating and extending your technology ROI for safer, more efficient, and productive logistics operations.



## SENSITIVE DATA KEPT LOCAL

Keep sensitive data, such as student records, local for greater security and better throughput. With the Nitro OnPrem Edge Gateway, data is routed to your enterprise network and application servers, never leaving your premises.



## REMAIN IN CONTROL

Nitro is your private LTE network. You decide where coverage is needed. You have exclusive use of spectrum. You control who has access. No sharing frequencies with the public, and no third-party operators.

### 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

