Private LTE

OnGo

Enterprise Connectivity & Control

Public LTE and Wi-Fi networks are almost a necessity for everyday life. These widely available networks are simple to connect to, whether you are using a personal cell phone or an IoT device, and make connecting to the Internet easy and simple.

But what happens when these public networks are not readily available due to coverage limitations or capacity issues? And how can an enterprise control the way devices in their facility or campus connect to the Internet?

Private LTE networks are becoming the alternative to public LTE and Wi-Fi networks. Enterprises are deploying Private LTE networks to guarantee wireless coverage where public networks do not exist and in locations where wireless coverage is critical for organization efficiency. Other use cases can increase the available capacity for applications that generate large amounts of data and have specific uplink or downlink requirements. Still other organizations are interested in exercising greater control over how resources are used and prioritized. These dedicated private networks, neutral host networks, and fixed wireless networks are being considered in a wide variety of industrial applications including factories, warehouses, and power plants as well as public applications like airports, stadiums, and hospitals.

The key to Private LTE networks is the dedicated equipment that enables the on-site wireless coverage, increases device and data capacity, and provides built-in controls that public networks can't offer. The rationale for deploying a Private LTE network may include one or all of these benefits, with the added flexibility to personalize the network and meet the unique application needs.

Private LTE networks are beginning to meet these specific use cases and provide enterprises a cost-effective network that meets the unique requirements of mission-critical IoT devices and multiple users.

The MultiTech Approach

The MultiConnect® eCell and MultiConnect® rCell 600 are the first of their kind that are designed to connect a wide range of new and legacy assets to dedicated, mission-critical Private LTE and Neutral Host public access CBRS networks, in collaboration with the CBRS Alliance. They are FCC-Authorized End User Devices for Band 48 and leverage the FCC open mid-band spectrum between 3.55-3.7 GHz that will be commercially launched on September 18th at a CBRS Alliance OnGo launch event in Washington, D.C.

> "Ours are among the first hardened IoT devices that offer securely managed after-market Private LTE and CBRS connectivity to a broad range of assets to accelerate industrial enterprise digital transformation today."
>
> - Daniel Quant,
> VP Strategic Development
> of MultiTech

MultiConnect® eCell

Private LTE OnGo CBRS Cat 12 Cellular to Ethernet Bridge

MultiConnect® eCell cellular to Ethernet bridge makes adding private LTE connectivity to existing wired assets quick and easy. Providing primary or secondary (wireless failover) network access to vending machines, kiosks, digital signs, ATM machines and countless other fixed assets that require reliable, always-on connectivity. With LTE Cat 12 OnGo CBRS (Citizens Broad Band Radio) shared wireless spectrum, there's no need to sacrifice bandwidth when switching between cellular and Ethernet. **Learn more.**

MultiConnect® rCell 600 Series

Private LTE OnGo CBRS Cat 12 Industrial Cellular Router

MultiConnect® rCell 600 Series industrial cellular router is optimized for secure M2M (machine-to-machine)/Internet of Things (IoT) applications. The robust Ethernet or serial network interface platform is ready to deploy. The intuitive user interface and free cloud device management (no recurrent monthly fees) allows for quick configuration and over-the-air upgrades. The MultiConnect rCell 600 Series is an easy to configure LTE broadband wireless and Ethernet router, boasting up to 128 concurrent Wi-Fi connections, configurable serial port able to control IT assets and communicate with industrial appliances. **Learn more.**

Your Devices & Data

- Digital Signage
- Energy
- Financial / Retail
- Healthcare
- Vending Machines

Connecting Your Devices

CBRS Band 48

Private LTE/CBRS Network

Asset Management Platform

Insight + Action + Control

Email — Alerts

Reports

Real-Time Management

MULTITECH®
CREATE • CONNECT • COMMUNICATE

CONNECT WITH MULTITECH