

Cellular Networking Solutions for Digital Signage



Manufacturer-Based Management Applications

Organizations that manage dozens to hundreds of IoT-enabled routers and gateways need easy and effective solutions to manage those devices. To reduce the number of costly truck rolls and site visits, these solutions need to enable remote device management, updates, and over-the-air configuration. Optimal cloud and on-premise software options depend upon your device manufacturers and specific applications.

Sierra Wireless Devices | AirLink Management

Cellular routers manufactured by Sierra Wireless have multiple device management options from which to choose. For standard IoT applications in fixed environments, we generally pair your devices with their AirLink Management Service, or ALMS for short.

The AirLink® Management Service (ALMS) is a secure cloud-based management solution that makes it easy to deploy, monitor, and upgrade all your gateways and routers remotely. ALMS helps you scale your deployments, simplify your operations, and quickly troubleshoot your devices.

For large-scale mobile device deployments, we recommend our clients use AirLink® Mobility Manager (AMM). AMM is a leading-edge, end-to-end network management solution that enables simplified, remote and real-time mass configuration, control and troubleshooting of all in-vehicle AirLink® routers, connected mobile assets, and mission-critical applications.

To support the AMM application, government agencies and private businesses with greater security needs, also utilize AirLink Connection Manager (ACM). ACM is a mobile-optimized and FIPS-compliant VPN solution that securely extends the enterprise network to the vehicle. ACM consolidates security onto a single platform for all connected devices and applications in the vehicle area network.



Cradlepoint Devices | NetCloud Services

Cellular routers manufactured by Cradlepoint utilize one primary application called NetCloud. This application is not just a hardware appliance, it offers comprehensive cloud management, customer support, lifecycle warranty, training, and purpose-built routers — all in one package. The service is included with the purchase of every Cradlepoint endpoint with term licenses that come in 1, 3, and 5 year intervals.

NetCloud Manager (NCM) continuously delivers real-time cloud and device operating software updates to your 4G, 5G, and CBRS endpoints — a comprehensive solution, sold as a subscription, for the new WAN edge.

Previously, NCM came purpose-built for three use cases; namely Branch, IoT, and Mobile. Today, there are now six distinct use cases; Sites Hybrid WAN and Sites Overlay Failover (previously specified as branch), Vehicles (Mobile), IoT, Remote Work, and Private Networks.

Depending upon the device you procure, they can be configured with their basic offering for each of those six applications, which Cradlepoint refers to as their “Essentials” plans, or with a more comprehensive set of platform features, which includes their “Advanced” plans. There are also “Performance” packages and additional security subscriptions such as ZScaler.



USAT delivers public and private enterprises the remote device management platforms they need to effectively deploy and manage their IoT, Branch, and Mobile communications devices.



Digi International Devices | Remote Manager

Digi Remote Manager® (Digi RM) is the technology platform that brings networks to the next level, allowing networks — and the people who manage them — to work smarter. It transforms a multitude of dispersed IoT devices into a dynamic, intelligent network.

If you're deploying Digi routers and gateways, you can easily configure, deploy, monitor and manage hundreds to thousands of mission-critical devices from a single point of command. Edit configurations, update firmware, schedule and automate tasks — all from your desktop, tablet or phone.

You can also easily extend your network at scale with bi-directional, open integration and add edge intelligence with custom code, APIs and Python scripts while software-defined security diligently safeguards your Digi ecosystem.

The Digi RM application comes in two different plans, standard and a premier level that comes with additional management capabilities.



Multi-Tech Devices | Device HQ and Connection Manager

MultiTech DeviceHQ® is a cloud-based tool set for managing the latest MultiTech devices. It incorporates all the functionality of their legacy MultiTech Device Manager, on which so many M2M and IoT applications already rely for remote monitoring, upgrades and configuration of entire device populations.

DeviceHQ takes remote device management and maintenance to a new level, by providing an application marketplace, allowing users to browse applications or build their own then easily deploy them to and customize them for remote devices from anywhere.

Also available for specific LoRa-based communications devices, Multi-tech's LENS is a hybrid LoRaWAN® network management platform enabling deployment and management of LoRa networks at scale. Designed for private and enterprise networks, LENS provides a site-by-site user account and centralized management for LoRa® end devices, as well as configuration and control of Conduit® gateways.



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



www.callmc.com • 800-596-8205 • info@callmc.com