

Smart Management Made Easy

The OnCell Central Manager can easily deploy, operate, and manage remote cellular devices over cellular networks



Large-Scale Cellular Network Management

While industrial operators enjoy the benefits of a cellular network, managing the large-scale deployment of devices around the world as well as the day-to-day maintenance of these devices could become a huge challenge. Moxa's industrial cellular solution, consisting of the OnCell series products and the OnCell Central Manager, make network operations easy and efficient.

Benefits of OnCell Central Manager:



Easy Deployment

- Mass configuration of devices for fast deployment
- Remote firmware upgrade
- Cost-effective private IP solution



Smooth Operation

- Easy-to-use interface
- Remote SMS control of devices
- Cross-platform monitoring with RESTful APIs



Network Security Management

- Account classification for easy authorization and control
- Device grouping for easy status monitoring
- IP blocking function for enhanced security

OnCell Models Available with OnCell Central Manager

OnCell 3G Models



OnCell G3000 Series
OnCell G3000-HSPA Series
OnCell 5000-HSPA Series

OnCell 4G LTE models



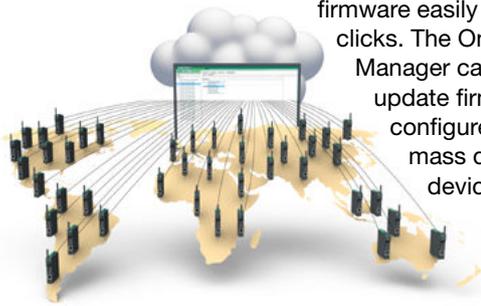
OnCell G3470A-LTE Series
OnCell G3150A-LTE Series



Easy Deployment

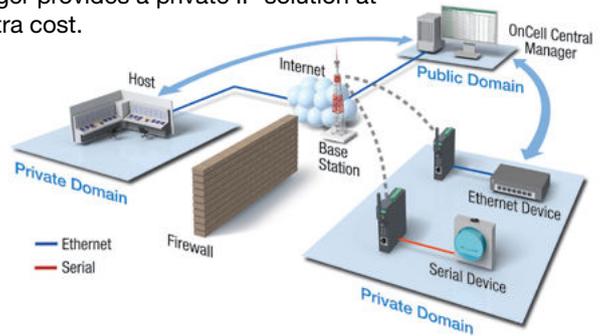
Remote Configuration and Firmware Upgrade

Configure devices by groups or individually, and update firmware easily with just a few clicks. The OnCell Central Manager can also remotely update firmware and configure devices making mass deployment of devices quick and easy.



Cost Effective Private IP Solution

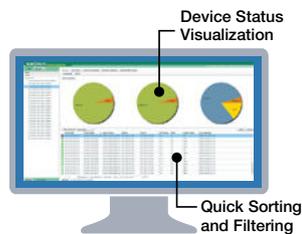
Looking for a cost-effective way to enable public domain access to your private IP network? The OnCell Central Manager provides a private IP solution at no extra cost.



Smooth Operations

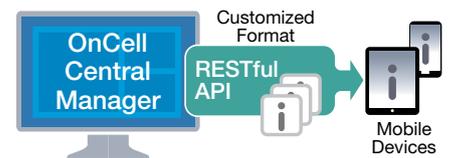
Easy-to-Use Interface

Quick sorting and filtering of devices based on various criteria such as IP address and MAC address, and device status visualization provide operators with an efficient and easy way to check device statuses.



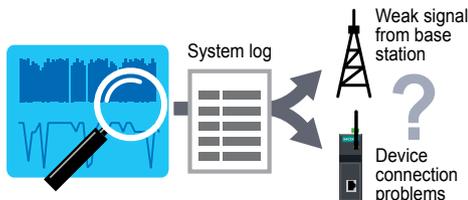
RESTful APIs

RESTful APIs allow users to customize device status information and display it across different platforms. The OnCell Central Manager APIs provide a customized way to monitor devices across multiple platforms.

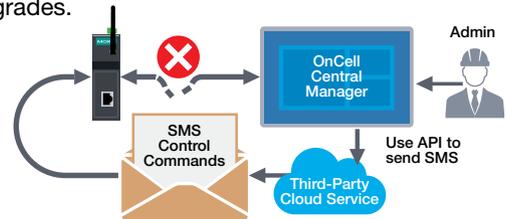


Easy Troubleshooting

The RSSI history of a device provides further information for troubleshooting device issues. You can review the past RSSI record of a device and check the system log to identify if the unstable connection is caused by the base station or the OnCell device itself.



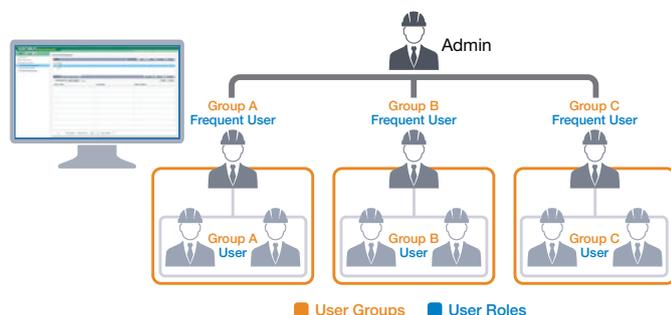
The OnCell Central Manager uses a third-party cloud service to send SMS control commands to OnCell devices to remotely reboot, initiate data connections, and perform firmware upgrades.



Network Security Management

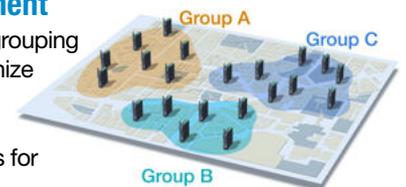
Account Classification Management

The OnCell Central Manager allows the administrator to assign different roles, give each account various access levels, and monitor the current status. Each account created can be assigned different access rights to the various groups.



Device Group Management

By using the flexible device grouping function, operators can organize the OnCell devices into different groups for easy monitoring of device statuses for different applications.



Secure Connection

To prevent attacks from malicious persons or applications, the OnCell Central Manager provides an IP block list that allows administrators to block communication from specific IP addresses. Some OnCell devices can form OpenVPN tunnels to further enhance security during communication.

