

# Oceus Networks ONmission™

ELEGANTLY EASY NETWORK MANAGEMENT  
FOR 5G PRIVATE CELLULAR

## 5G Private Cellular Network Management for Enterprise

The automation and business benefits offered by Industry 4.0 and the Industrial Internet of Things are critically reliant upon data. Lots of data. Enormous device densities. Securely and reliably moved—in real time—to AI/ML data analytics engines for processing. Processed. Converted into business decisions—then moved back in the same fashion for execution. No small task for a network. Although the network supporting this is complex, the management should be simple.

**UNDERSTANDABLE. RELIABLE. ELEGANTLY EASY.**

ONmission's private 5G network management system provides a single view into the entire ecosystem; 5G, WiFi, IoT, Security Devices, and Applications.

ONmission was developed directly for these types of environments from the ground up for operators—by operators. Make the difficult simple. The challenge easy.

Focus on business outcomes and operations—not the IT support.



ONmission is a Situational Awareness (SA), Network Management, and Device Management System for networks that provides Sensor IoT and traditional Network Management Controls, plus offers customizable modules for specific customer requirements.

ONmission was developed to easily integrate with all types of networks, including 4G/5G cellular wireless, WiFi, and wired networks.

Providing secure communications is essential to understanding how information, events and actions will impact critical goals and objectives. In these environments, reliable management of both the network infrastructure and end user devices is mandatory.

**GET 5G READY.**

**ONmission**

## SINGLE PANE OF GLASS DASHBOARD

ONmission provides a singular view of the entire network to provide situational awareness of your operations. Color-coded status enables users to quickly pinpoint root causes of slowdowns and outages.

- Provides a set of widgets for the user to customize their view
- Connected users and devices
- Pin-wheel widget of Active users, Errors and Warnings
- Radio and Core network node status
- Throughout graphs of network performance
- Alarm List

## ELEGANT SIMPLICITY

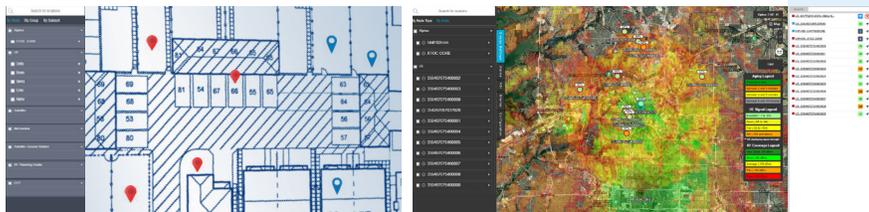
We take complex out and put simple in.

- Easy hardware integration, provisioning and control
- Application integration
- Troubleshooting
- Automation: alerts/ pre-programmed actions
- Visual analytics and infographics
- Intuitive interface with pull down menus and drop-down capabilities



## DATA, DATA & MORE DATA

- NMS KPIs
- SLA metrics
- Device Metrics
- Reports
- Data Lake or AI/ML
- Central Control of Devices for Sensor Collection



## XIPHOS MANAGEMENT

ONmission easily manages a wide range of multiple Xiphos systems and provides a unified interface for these configurations.

## FLEXIBLE PERFORMANCE MONITORING

ONmission is a flexible E2E system that monitors the private cellular network's service performance and gives the operator an interface to visualize historical data collected from the network and analyze historical trends. This is particularly valuable in networks equipped with sensors that monitor critical network infrastructure. An operator can also use this tool to further monitor their network infrastructure for availability, uptime, and connectivity.



## TRACKING

Quit guessing what coverage your access points and radios provide. ONmission provides the tools to show the coverage based on the radio characteristics.

- Easily customize a floorplan for your specific buildings
- Provide a KML layer of RF coverage based on Frequency, location of antennas, and power output
- Devices provide real-time sensor data for RF, geolocation, and battery information and are displayed on the map (on the roadmap)
- Zoom in and out of view to capture the level of detail needed
- One-click information for all devices
- Quickly and easily filter information and KML layers
- Integration with in-building location applications

## ESSENTIAL NETWORK MANAGEMENT FUNCTIONS

- Network Administration
- Network Maintenance
- Network Operations
- Network Provisioning
- Network Security

## ONE TOUCH DEVICE UPDATES

Start monitoring in 30 seconds or less. Simply add the device serial number into ONmission and the device will populate all table and visuals.

- ONmission automatically updates topology and statistics of all devices
- Default monitoring and alert settings by device type

## DEVICE MANAGEMENT

Lock device settings and push updates across the enterprise ONmission delivers a device agent and management console.

- Remote reboot
- Remote lock
- Remote wipe the device
- Push a file, which could include security

## ABOUT OCEUS

Oceus Networks is a 5G private cellular network management provider offering ultra high reliability, highly secured advanced communications network solutions. We are private-equity backed with a proud legacy of addressing the communications requirements of demanding, sophisticated United States Government (DoD) customers with a technology-rich portfolio of proprietary software tools supporting our network management platform. Our network management platform makes complex tasks simple leveraging these proprietary tools, an experienced development team, and a heritage of engineering excellence delivering elegant solutions to address business-critical pain points.



TO LEARN MORE ABOUT OCEUS NETWORKS' 5G SOLUTIONS VISIT: [WWW.OCEUSNETWORKS.COM](http://WWW.OCEUSNETWORKS.COM) // 877-816-2599

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