

# Remote Maintenance and Monitoring (RMM) System

*Connect and Control All of Your Network Systems & Devices – Anytime, Anywhere*



## Overview

The ability of key personnel to control and monitor the real-time status of radios, equipment and critical systems is essential. However often these radios, systems and equipment are located in remote towers, sites and installations where people are not physically present to monitor and control them. If an issue arises, it cannot be immediately identified and addressed, and maintenance personnel must be sent out to these remote sites to investigate the problem. The General Dynamics Remote Maintenance and Monitoring (RMM) System has been designed to specifically address this problem.

The RMM System enables key personnel to remotely monitor and control the settings and configurations of CM-300/350 V2 ATC radios and other critical off-site systems and network equipment. Essential systems such as physical security, environmental control, power management, communications and fire & safety can be monitored and controlled from any location via any network enabled device. The centralized management software system functions as an independent browser interface and securely collects, reports and disseminates information from an unlimited number of connected devices, networks and facility equipment. The intuitive, easy-to-use interface automatically generates reports, and signals alarm conditions when they occur so that issues can be immediately isolated and resolved. In addition the system provides built-in, effortless Cyber Security including, data encryption, centralized authentication, role based access control and integrated cyber-attack countermeasures. The remote control and monitoring capability of the RMM System significantly reduces the time and costs associated with sending personnel to these locations and keeps you securely connected, anytime, anywhere.

Significantly reduce time and cost by remotely controlling and monitoring radios and critical off-site equipment and systems

Adjust radio settings and configurations without having to visit remote sites

Automatic continuous monitoring allows prompt issue identification and solutions

Intuitive easy-to-use interface automatically monitors system health and generates notifications and reports

- Remotely configure, control and manage off-site systems and network equipment
- Receive all incoming events and performance data
- Organize, store, display and respond to data as needed with the intuitive user interface
- Share the data using standard industry protocols with other enterprise application and organizations that need it
- Access data anytime, anywhere with the thinnest possible client
- Complete vendor and platform independence for the management software OS, DBMS, web browser
- Access robust and powerful analytics to help aid in data trend analysis

# Remote Maintenance and Monitoring (RMM) System

The RMM enables you to monitor and control your ATC radios as well as other critical equipment and systems.

### Power Management

Generators  
UPS  
Battery Backup  
PDUs  
Fuse Panels  
Lighting Control  
Electrical Current

### Environmental Control

Temperature  
Relative Humidity  
HVAC/AHU  
Ventilation  
Boiler/Chiller  
Moisture Detection  
Leak Detection

### Fire Safety Monitoring

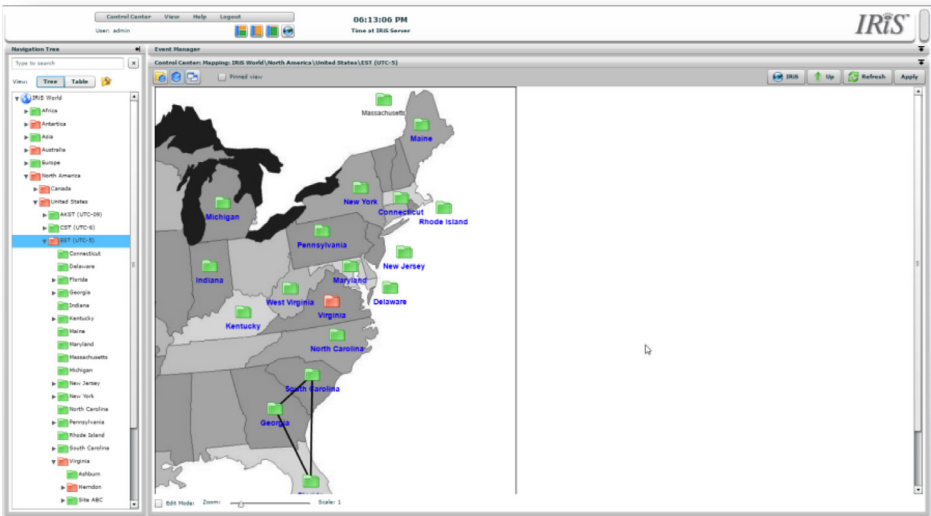
Smoke Detection  
Fire Suppression  
Air Quality  
Water Quality  
Radon Detection  
Carbon Monoxide  
CBRN

### Communications

Routers  
PBXs/Video CODEC  
Modems/Switches  
Receivers  
Transmitters  
Satellite  
Servers

### Physical Security

Access Control  
Biometrics  
Card Readers  
Perimeter Control  
Heat/Motion Sensors  
Video Surveillance  
Alarms



The intuitive user interface allows users a variety of ways to customize, organize and display data as needed



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