

Network Management Systems

COURSE TOPICS:

Network Management Overview

- Element Management System (EMS)
- Command Line Interface (CLI)
- Simple Network Management Protocol (SNMP)

Console Set Up and Displays

- PC Set Up And Configuration
- User Interface
- Graphical and Tabular Displays
- Network Mapping

Radio and Device Management

- Radio and Device Access and Settings
- TDM and Ethernet Services
- Proteus Configurations
- Backup

Network Performance Supervision

- Managing Tasks and Events
- Polling
- Baseline Variables
- Monitoring Radio and Device Status

Fault Detection & Management

- Threshold Alarms
- Alarm Alerts: E-Mail, Page, SMS

Reporting

- Event Logs
- Scheduling Network Reports

NMS User Administration

- Managing NMS Users
- Tablet and Smartphone Clients

Practical Exercises

- Configuring
- Troubleshooting

Microwave Networks Support Services

- NMS Support Services
- Network Operation Center (NOC) Service Levels

* Note – Course material subject to change.

Overview:

The Network Management System course provides theory and hands on training on Microwave Networks' Network Management System (NMS). The course includes classroom lectures and practical exercises. During the course students will use the Element Manager to configure, monitor, and trouble shoot radios. This course is conducted by certified Microwave Network instructor with extensive practical field experience.

Objective:

Upon completion of the course, technicians will understand the Network Management System and work with the Element Manager to configure, provision and troubleshoot the radio.

Prerequisites:

Completion of Fundamental of Microwave Radio course along with the completion of a Proteus course as it relates to the students radio requirement

- Proteus MX / MXD Operation and Maintenance
- Proteus UMX Operation, Maintenance and Installation