

## TECHNICAL TRAINING

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### ProVision Element Manager

Management, Installation, Configuration & Operation  
TR-PRO-01

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#### Course Specifics

Duration:	2 days
Class capacity:	8 students
Location(s) for pre-scheduled class:	<ul style="list-style-type: none"><li>San Antonio, TX</li></ul>
Materials provided:	<ul style="list-style-type: none"><li>Instruction Manual (CD-ROM)</li><li>Student Handbook</li></ul>
Target Audience:	This course is intended for Network Operations Center (NOC) Operators and Engineers involved in the installation, operation and maintenance of ProVision Software. Training consists of a combination of classroom lecture and practical exercises.

#### Prerequisite

- Participants should have knowledge and experience in the areas of network operations fundamentals and telecommunications fundamentals.
- The student will need a Notebook computer with an Ethernet port and running on one of the following Operating Systems:
  - Windows 2000 Pro
  - Windows XP Pro
  - Windows 2000 Server w/ Service Pack 2
  - Windows 2003 Server
  - Windows 2008 Server

#### Objectives

By the end of this course, the participant should be able to competently install, use, and administer ProVision software.

#### Course Content

##### ProVision Introduction

- Functions & features
- Minimum hardware specifications

##### Getting Started

- Start and exit a user session
- Basic set up and configuration procedures
- User interface description

## TECHNICAL TRAINING

### Deploying and Managing Radios

- When and why you would deploy radios
- Add, rename and deleted a container
- Deploy, rename, delete and manage and un-manage a radio
- Re-parent an object
- Create, verify, and delete a link
- Reposition map viewer objects
- Verify ProVision is receiving events
- View and change radio configuration
- View and change network IP addresses

### Managing Services

- When and why you would manage services
- Adding, renaming, and deleting services and service links

### Eclipse Features

- Trace, view and diagnose circuits
- Perform bulk software downloads
- Produce Inventory & fault reports

### Managing Events

- When and why you would manage events
- Views, filters, browser options, network events, log filters, and event states
- Configure & interpret scoreboards

### Performance Monitoring

- Configure device data collection
- Interpret performance history & trends
- Produce Inventory & fault reports
- Understand ProVision Architecture

### ProVision Installation and Administration

- Understand ProVision server/Client relationship
- Understand communication with Network elements
- Administer database and security profiles
- Northbound Interface (NBI)description and configuration
- Discuss remote access options
- Install server and Client software
- Understand licensing requirements and procedures.