



Course Title: Traverse SONET

Course Number: TRNG-TSONET

Course Length: 3 Days

Course Description:

In this course, the student will gain the practical knowledge, skills and confidence required to install, turn-up and maintain Traverse 2000/1600/600 within SONET networks through lecture sessions and extensive hands on training.

Course Objectives:

Upon completion of this course, the student will have obtained knowledge in the following areas:

- Features of the Traverse 2000/1600/600
- System architectures of Traverse 2000/1600/600
- How to implement Traverse 2000/1600/600 technologies and within the customer's organization
- Understanding of Traverse 2000's/1600's/600's:
 - Management capabilities
 - SONET, Basic Ethernet and DSx functionality
 - Timing options
 - Signals and interfaces
 - Equipment and facility protection capabilities
- How to install and turn-up Traverse 2000/1600/600
- How to provision Traverse 2000/1600/600 utilizing either CLI or Graphical User Interface (GUI)
- How to maintain and troubleshoot Traverse 2000/1600/600 utilizing either CLI or Graphical User Interface (GUI)

Prerequisites:

- Basic understanding of Voice/Data Communications
- Basic knowledge of SONET & IP Networks
- Prior installation experience and a working CLI knowledge a plus
- Understanding of Windows PC based applications