



The OSA 5548C Synchronization Supply Unit (SSU) is a well-known and widely deployed unit to provide telecom operators with reliable SDH, SYNC-E and PTP synchronization.

Objective & Level

A training course which explains in detail each of the OSA 5548C Synchronization Supply Unit (SSU) components. Troubleshooting and configuration exercises are essential elements of the training to assure that the attendants gain a comprehensive understanding of the device's operation that includes the Element Manager Software.

Level: Introductory

Benefits & Audience

- To achieve self-sufficiency at installation, configuration and maintenance
- Small group, 8 attendants maximum
- Certificate of attendance, no exam

Agenda

THEORY

- Introduction to Synchronization
- System overview
- Component overview
- Supported topologies and protection mechanism
- Management Concepts
- Element Manager

PRACTICE

- Setting up a system and its components
- Using GUI & ADVA software
- Commissioning
- Performance Monitoring
- Database Backup & Restore
- Software upgrade
- Troubleshooting

Pre-requisites

Engineer or technician having a background in electronics and/or telecommunication networks and familiar to Windows environment.

Contact

Training: training@adva.com

Day 1	Introduction, Course Overview, General Product Overview
Lab Exercises	<ul style="list-style-type: none"> • Synchronization Principles • The need of synchronization • Characterizing synchronization quality • Synchronization distribution layers • GPS and mixed synchronization solutions • Norms and standards • Introduction to OSA 5548C SSU • Overview & application • Theory of functions • Block Diagram • Installation & commissioning
Day 2	Installation & Commissioning Management using Element Manager
Lab Exercises	<p>Training on Element Manager for OSA 5548C SSU</p> <ul style="list-style-type: none"> • Installation of Element Manager • Detailed presentation of every modules embedded into the SSU • Function and operation • Alarm & Events • TL1 language and Terminal • Troubleshooting • Maintenance • Backup and Restore of OSA 5548C • Firmware Upgrade of OSA 5548C