

OSA 54xx family with Mosaic Network Controller and Mosaic Sync Director

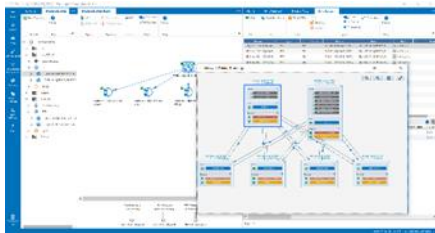
5 days classroom technical training



OSA 54xx is a family of compact and cost-effective synchronization distribution and assurance devices that bring the power of **Syncjack™** to any network. Following a toolbox approach, the family members of **OSA 54xx** series can be utilized in a variety of network synchronization applications.

OSA-ACCESS: 12/20/21/22

OSA-CORE: 5430/40



Mosaic Sync Director is an extension of **Mosaic Network Controller** software for timing delivery management and sync assurance.

Mosaic Network Controller is an advanced platform for reliable, secure and user-friendly management and surveillance of **ADTRAN FSP** and **OSA** networks, with full **FCAPS** support.

Objective

First part of this training course introduces **basics of synchronization concepts** including **SyncE**, **PTP**, **NTP** and full **OSA 54xx** family with features, using **CLI** and **GUI** for provisioning. Second part of this training course introduces **Mosaic Network Controller**, its basics and usage way. The last part focuses on using **Mosaic Sync Director** for management and monitoring of **OSA** services and devices.

This class is applicable to different industries (Broadcasting, Power and Enterprise).

Benefits & Audience

- class size: 8 attendants maximum
- certificate of attendance, ACE exam available on request (separate order)
- target audience: beginners to synchronization as well as experienced users who need to get familiar with the OSA 54xx devices and Mosaic Sync Director.

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Prerequisites

Engineer or technician having a background in telecommunication networks.

Agenda

Theory/Lecture

- basic introduction to synchronization
- PTP (including PTP Pro, SyncE, NTP)
- OSA 54xx family
 - hardware overview
 - administration
 - management
 - maintenance
 - synchronization entities
- Sync Delivery and Sync Assurance applications (PTP, NTP & SyncJack™)
- Mosaic Network Controller
 - network management in general
 - MNC GUI
 - administration
 - managing the network
- Mosaic Sync Director

Practice/Lab

- setting up a system and its components
- DCN configuration
- Database Backup & Restore
- software upgrade
- SyncE and PTP setup
- SyncJack™ configuration
- Mosaic Network Controller
 - MNC GUI review
 - centralized action
 - new subnet
 - devices discovery
- Mosaic Sync Director
 - exercises SYNC with setup from above

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Ordering Information

Part Number

7047188001

7047190001

Description

Per Enrolment (Student)

Per course