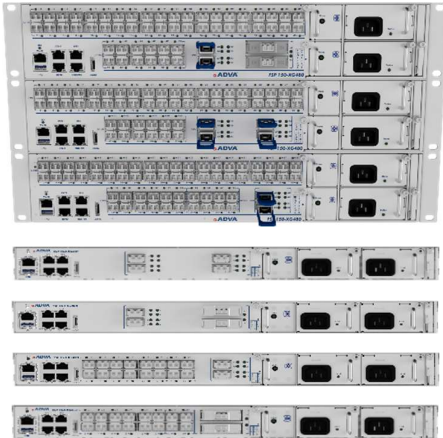


# Operate & Maintain FSP 150 XG400

3 days *remote* technical training



Our FSP 150-XG400 Series is the ultimate tool for scaling edge networks. For the first time, fixed and mobile operators can deploy a MEF 3.0-certified 100Gbit/s demarcation device that enables a seamless expansion of their access networks. This breakthrough technology provides the improved distribution of precise synchronization needed for 5G applications. Our FSP 150-XG400 Series is also the only solution in the industry that verifies the performance of high-bitrate services with line-rate 100Gbit/s pre-activation testing. These compact multi-port demarcation devices can be effectively deployed at major business and multi-tenant sites as well as macro cells, with more powerful aggregation nodes consolidating traffic from many users.

## Objective

This training course explains the FSP 150 XG400 family (XG480, XG404, XG418), each of the product's components, features and submodules. Configuration and troubleshooting exercises are essential elements of the training to assure that the attendants gain a comprehensive understanding of the device's operation.

*Please, note: In case of a remote training session GoToTraining application or another remote training tool, e.g. Teams will be used. We will arrange a short test of the tool upfront the training – you will get invited for both – test and training session, if required.*

*For the practical exercises trainer will hand over keyboard and mouse to one student at a time for e.g. a configuration exercise. This will require the desktop version of GoToTraining Client installed on the student's computer/laptop.*

*Please note: recording of the remote training sessions is not permitted.*

## Benefits & Audience

- Benefits: To achieve self-sufficiency at installation, configuration, maintenance and troubleshooting of the FSP 150-XG400 family.
- Class size: 8 attendants maximum
- Certificate of attendance, ACE exam available on request (separate order)

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## Prerequisites

The attendees should have basic knowledge about MEF (Metro Ethernet Forum), Ethernet (classification, V-LAN manipulation, policing, scheduling, shaping), Synchronization and TCP/IP.

## Agenda

### Theory/Lecture

- System overview
- Product Architecture
- DCN and Routing management
- ADVA Licensing
- ADVA Software and Database management
- Traffic Management - Ethernet Services
- Connectivity Fault Management
- Y.1731
- Ethernet Protection (LAG and ERP)
- Synchronous Ethernet & PTP

### Practice/Lab

- Using ADVA AOS CLI and Web GUI
- In-band and out of band DCN management
- Database management
- License management
- Configure P2P/MP services and setting up monitoring systems
- Configure Y.1731 to monitor circuits
- Configure LAG to protect traffic
- Configure ERP to protect traffic.
- Test PTP – IEEE 1588

## Contact

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## Ordering Information

### Part Number

7074337001

7074338001

### Description

Per Enrollment (Student)

Per course