

# OPERATING FSP 3000 AgileConnect™ with ROADMS

4 days *remote* technical training combined with eLearning



The Fiber Service Platform (FSP) is a family of products that provide comprehensive Optical + Ethernet networking solutions for access, metro core and regional networks. ADVA is focused on the needs of enterprise and service provider customers deploying data, storage, voice and video applications.

## Objective

A training course on **ADVA FSP 3000R7 hardware**: Selected Active Channel Cards, Passive Filters, Optical Amplifiers and management modules. Including ROADMs and 100G cards. Installation specifics. Including Provisioning & Commissioning. Introduction to High Density Shelves.

In the classroom variant of this training (recommended) students will be guided setting up a working system step-by-step - from Point to Point, Multiplexed, Amplified and with ROADMs. ESD Instructions, fiber handling, fiber and port cleaning are also part of this class.

In the remote variant of this training we cover the hands-on parts via an eLearning module called SmartHands available on the ADVA eLearning platform (before the remote live training).

In the remote part the live trainer will share his screen while he is connected to the training equipment working with the GUI (NED). The equipment will be fibered already and the focus will be on exercises that can be done via the GUI.

*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 and maintenance of the FSP 3000 product including ROADMs
- Class size: 8 attendants maximum
- Certificate of attendance, ACE exam available on request (separate order)
- Target audience: beginners to WDM as well as experienced users who need to get familiar with ADVA FSP 3000R7 product.

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## Prerequisites

Basic knowledge of WDM, OTN and TCP/IP is beneficial.

Students have completed the eLearning module SmartHands upfront the live remote training. They will be enrolled in time to the eLearning module and have access to this module after the remote training.

We will also enroll students to around 10 basic eLearning modules on WDM (each with a length of approximately 10 min). In case students are new to WDM, we expect them to complete the modules before attending the live remote training.

## Agenda

### Theory/Lecture

- System overview
- Component overview
- Optical system architectures
- Supported topologies and protection mechanism
- Management Concepts
- DCN
- Supported applications
- ROADM applications
- High Density Shelves

### Practice/Lab

- Working on a fibered system
- Using GUI software NED
- Implementing DCN
- Balancing DWDM Network
- Performance Monitoring
- Online Power Measuring
- Database Backup & Restore
- Software/Firmware upgrade
- Maintenance

## Contact

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## Ordering Information

### Part Number

7050506001

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### Description

Per Enrollment (Student)

Per course