

# FSP 3000R7 Maintenance and Troubleshooting

2 days *remote or classroom* technical training



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

## Objective

A training course that covers the ADVA FSP 3000R7 system with respect to maintenance and troubleshooting. Troubleshooting Control Plane is not in focus of this training.

*Please note: the training will be provided using GoToTraining application – we will arrange a short test of the tool upfront the training – you will get invited for both – test and training session.*

*For the practical exercises the trainer will hand over keyboard and mouse to one student at a time for e.g. a database backup.*

*We will also enroll you to our eLearning module Smart Hands (90 min). It provides quick and basic knowledge about WDM technology, the FSP 3000R7 platform, its hardware building blocks and the most important maintenance procedures (live video recordings included).*

## Benefits & Audience

- Benefits: To maintain and troubleshoot an FSP 3000R7 system; focused on hands-on
- Class size: 8 attendants maximum
- Certificate of attendance, no ACE exam available
- Target audience: Field engineer, NOC and technical back office personnel

## Prerequisites

Basic knowledge of DWDM and TCP/IP protocols and applications.

Completion of eLearning module 'Smart Hands' before the live session with the trainer.

A terminal program like PuTTY. An ftp server like filezilla.

# FSP 3000R7 Maintenance and Troubleshooting

## Agenda

### Theory/Lecture

- ADVA set of technical documentation
- Tooling for on-site Maintenance & Troubleshooting
- LEDs on the equipment
- Reading/understanding alarms in GUI/CLI
- Monitoring values: Physical and Data Layer
- Power re-balancing – why and how?

### Practice/Lab

- Local and remote Access to the Equipment
- System Database Management: Backup and Restore
- System Software/Firmware
- Firmware Update Handling
- Exchanging faulty modules
- Fans and Filters
- External and Internal Loopbacks
- Follow the light/Optical Power Measurement

## Contact

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## Ordering Information

### Part Number

7050508001

7050498001

### Description

Per Enrollment (Student)

Per course