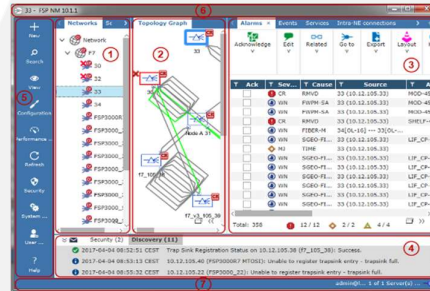


# FSP 3000 R7 and ENSEMBLE CONTROLLER - OPERATION & MONITORING

4 days *remote* or *classroom* technical training



## Objective

Getting familiar with the FSP 3000R7 Product and using Ensemble Controller (management) Software. The equipment and Ensemble Controller server will be fully operational when the class begins. Students will learn how to provision modules using WebGUI, pull database backups, perform upgrades add network elements and services to the Ensemble Controller and troubleshoot network as well as service failures. Introduction to ADVA licensing included.

**Please note: Control Plane and Ensemble Optical Director are not covered in this class.**

*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

- Class size: 8 attendants maximum
- Certificate of attendance, ACE exam available on request (separate order)
- Target audience: network support engineers responsible for monitoring and troubleshooting network problems. NOC team oriented

## Prerequisites

Basic knowledge on WDM and TCP/IP. We enroll you upfront the class to eLearning module Getting Familiar with FSP 3000R7 Hardware (ca. 30min) and expect you to complete it before the class starts.

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For trainings onsite: students need to have Ensemble Controller Client installed on their laptops for practical exercises or are allowed to install the client software on their laptops.

## Agenda

### Theory/Lecture

- System & Component overview
- ADVA Licensing (short)
- Optical system architectures
- Supported topologies and protection mechanism
- Management Concepts, Basic DCN

### Practice/Lab

- Provisioning modules with WebGUI NED (Network Element Director)
- Operating Ensemble Controller
- Fault Finding with Ensemble Controller

## Contact

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## Ordering Information

### Part Number

7075037001

7075036001

### Description

Per Enrollment (Student)

Per course