



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

The student gets introduced to FSP 150EG-X with respect to installation, configurations and maintenance.

### Benefits

- To achieve self-sufficiency at installation, configuration and maintenance of the FSP 150EG-X product
- Certification of attendance; exam available
- Small group, 8 attendants maximum

| Agenda | THEORY  | PRACTICE   |
|--------|---|--|
|        | <ul style="list-style-type: none"> <li>• System overview</li> <li>• Component overview</li> <li>• Ethernet Services</li> <li>• Synchronous Ethernet</li> <li>• Connectivity Fault Management</li> <li>• Performance Monitoring</li> </ul> | <ul style="list-style-type: none"> <li>• Setting up a system and its components</li> <li>• Creating services and setting up monitoring systems</li> <li>• Traffic Calculations</li> <li>• Using ADVA software and GUI</li> <li>• Software upgrade</li> </ul> |

### Pre-Requisites

The attendees should have basic knowledge about Ethernet, V-LAN Tagging and TCP/IP.

### Contact

Training: [training@adva.com](mailto:training@adva.com)

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|----------------------|---|
| <b>Day 1</b>         | <b>Introduction, Course Overview, General Product Overview<br/>Management and Administration Concepts for FSP 150EG-X</b>   |
| <b>Lab Exercises</b> | <ul style="list-style-type: none"> <li>• Initial System Settings</li> <li>• First Management Steps</li> <li>• Using Serial Console Management</li> <li>• Setting IP parameters for management over LAN/WAN</li> <li>• Setting up the Management Network, Management Tunnels and Routes</li> <li>• Managing Basic System Security</li> <li>• Managing User Accounts</li> <li>• Using Logfiles</li> <li>• Provisioning of Modules</li> <li>• Software Upgrades</li> <li>• Database Backup and Restore</li> <li>• Configuration Files</li> </ul> |
| <b>Day 2</b>         | <b>Ethernet Services &amp; Traffic Management<br/>Protection Groups and LAG<br/>Synchronous Ethernet</b>  |
| <b>Lab Exercises</b> | <ul style="list-style-type: none"> <li>• Calculation of Traffic Settings</li> <li>• Creation of different Ethernet Service Types</li> <li>• Setting up protected Ethernet Services</li> <li>• Passing a Synchronization Signal between devices.</li> <li>• Manipulating the Quality-Rating of a Synchronization Signal</li> </ul>   |
| <b>Day 3</b>         | <b>Connectivity Fault Management &amp; Y.1731<br/>Performance Monitoring &amp; Etherjack Features<br/>Troubleshooting</b>   |
| <b>Lab Exercises</b> | <ul style="list-style-type: none"> <li>• Creation of Ethernet Service Assurance (ESA) Monitoring</li> <li>• Creation and Monitoring of a CFM Maintenance Domain</li> <li>• Retrieving and Evaluating Performance Data</li> <li>• Saving a Diagnostics File from the Device</li> <li>• Emergency- Recovery of the Device with new Software Image.</li> </ul>   |