OTN-150/-600 FOR SERVICE ENGINEERS

Course description

- **Target Audience**

  OTN Service Engineers who are responsible for the configuration, daily maintenance and troubleshooting of OTN-150/-600 networks.

- **Course Prerequisites**

  Basic knowledge of telecommunications and electronics.

- **Course Objectives**

  After the training, the students will be able to:
  - install and replace the HW components of an OTN network;
  - use the OTN Management System (OMS) monitor function to indicate and solve alarms;
  - use the OMS to set up the network database;
  - install OMS and perform upgrades;
  - perform the OMS backup procedures.

- **Exercises**

  Hands-on training is included.

- **Duration**

  4 days

Contents

- **Introduction into OTN-150/-600: features, families, technical principles**

  We will start by explaining the key features, terminology and detailed technical principles of the OTN-150/-600 product

- **OTN-150/-600 – Installation**

  In this part of the course we will explain how to set up a basic OTN-150/-600 network. We will learn how to install nodes and system cards and how the nodes are connected via optical fiber.

- **OMS**

  We will learn how to install OMS and remote OMS Clients. The students will use the OTN Management System to :
  - set up a network database,
  - make backups and reports,
  - analyse the general status of the network,
  - find the data they need for eventual corrective actions.

  We will discuss compatibility issues and learn how to perform network upgrades.
  We will explain the functionality of all OMS add-ons.

- **OTN-150/-600 – Applications**

  We will discuss the applications that are supported by OTN-150/-600.
  For each of the applicable interface cards, the features and alarm indications will be discussed. The students will install/replace the interface cards, configure the application and (re)connect the peripheral equipment.