OTN-X3M FOR MAINTENANCE ENGINEERS

Course description

- **Target Audience**

  OTN Maintenance Engineers who are mainly performing hardware module installations and replacements.
  The course will be tailored to the customer's installed base (OTN-X3M & specific interface cards).

- **Course Prerequisites**

  Basic knowledge of telecommunications and electronics.

- **Course Objectives**

  After the training, the students should be able to:
  o install and replace the HW components of an OTN network
  o start the OMS monitor function to indicate hardware-related alarms and to describe the necessary corrective actions.

- **Exercises**

  Hands-on exercises are included.

- **Duration**

  2 days

Contents

- **Introduction into OTN**

  We will start by explaining the key features, terminology and basic technical principles of the OTN product.

- **OTN – Installation**

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

- **OMS**

  The students will use the OTN Management System to analyze the general status of the network and to find the data for eventual corrective actions.

- **OTN – Applications**

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