

OTN-X3M FOR NETWORK DESIGNERS

Course description

- **Target Audience**

This course is only intended for partners of OTN Systems.
The target groups are proposal and project managers who need to design (i.e. plan) OTN-X3M networks.

- **Course Prerequisites**

Basic knowledge of telecommunications and electronics.

- **Course Objectives**

After the training, the students should be able to:

- describe and compare the functionality of the different products in the OTN-X3M portfolio;
- design an OTN-X3M network, starting from the requirements and resulting in a Bill of Materials;

- **Exercises**

Exercises to make BoMs (Bill of Materials) are included.
Case studies of proposals and projects are discussed.

- **Duration**

3 days

Contents

(→ the course “OTN-X3M for (Sales) Managers” is part of this curriculum)

- **Introduction into OTN-X3M: features, families, technical principles and applications**

We will start by explaining the key features, terminology and detailed technical principles of the OTN-X3M product.

- **Advanced technical principles**

This part will provide detailed information on the technical principles of OTN-X3M. This information is important for choosing the most appropriate option and for a proper OTN-X3M network design.

- **OTN-X3M - Applications**

We will discuss the applications that are supported by OTN-X3M. For each of the applicable interface cards, the functionality and features will be discussed.

- **Introduction OMS**

This part of the course explains and shows the features and the use of this software.

- **OMS Add-ons**

The functionality of the actual add-on software is introduced.

- **Ethernet/IP Module**

We will discuss how we can come to the optimal network design based on :

- best practices of the IP-world,
- project-specific requirements and
- the specific of the OTN-X3M-products.

- **Exercises / case studies of proposals and projects**