

XTRAN FOR SERVICE ENGINEERS (Advanced Ethernet/IP Module)

Course description

- **Target Audience**

XTran Service Engineers who need deeper knowledge on configuring and troubleshooting advanced Ethernet/IP features of XTran networks.

- **Course Prerequisites**

The course certificate “XTran for Service Engineers”. Solid knowledge on Ethernet (Layer 2) and IP (Layer 3) protocols.

- **Course Objectives**

After the training, the students should be able to:

- use all protocols on the 9-L3-L interface module;
- use all L2 protocols on the 6-GE-L interface module;
- setup & monitor an access network (e.g. ETS) connected to XTran.

- **Exercises**

Hands-on training is included.

- **Duration**

2 days

Contents

- **9-L3A-L Interface Module**

We explain & test how the different L3-protocols implemented on this module can be used & configured : OSPF, VRRP, IGMP, DHCP, PIM. In addition, we discuss LAG.

- **6-GE-L Interface Modules**

We will discuss this interface module and explain the Layer 2 features like MSTP that can be configured on this module (as well as on the 9-L3A-L).

- **ETS (Access Networks)**

We learn how to configure the ETS access switches. We explain how they can be integrated in an XTran network and the TXCare management (for e.g. monitoring). We will also study the options to transport applications over an ETS/XTran network. MSTP-/RGERP-interaction will be explained here as well.