

IP Design in XTran networks

Course description

- **Target Audience**

XTran Service Engineers who need to know how to design or modify a simple “IP-over-XTran” network. This requires assembling ETH/IP network design with the features of XTran.

- **Course Prerequisites**

The course “XTran for Service Engineers – Advanced ETH/IP Module” or equivalent knowledge.
Deep knowledge on Ethernet (Layer 2) and IP (Layer 3) protocols.

- **Course Objectives**

After the training, the students should be able to:

- design a simple “IP-over-XTran” network;
- understand the design of more complex “IP-over-XTran” networks.

- **Exercises**

Paper exercises only.

- **Duration**

2 days

Contents

- **ETH/IP Design**

We will start with reviewing the different ETH/IP protocols and the design rules/options that have to be considered when using these in an XTran network.

Another topic in this discussion is the interworking of the XTran with external devices (third party networking equipment).

The next step is the design of some examples of simple “IP-over-XTran” networks.

The complexity is then increased via the introduction of some more complex “IP-over-XTran” networks where we can explain the design decisions and some fine tuning on the XTran side.