

## HIRSCHMANN CERTIFIED TRAINING

# INDUSTRIAL ROUTING (CT3)

As different applications and networks converge in industrial environments, it is no longer enough to master the basic functionality of these networks.

To keep pace with the growing size and performance requirements of IP networks, today the network administrator requires extensive technical and practical knowledge about various unicast and multicast routing mechanisms.

### WHO SHOULD ATTEND

Technology training course for System Engineers, Network Designers and Support Technicians who are building, supporting or migrating an Industrial Ethernet network.

### PRE-REQUISITES

Basic knowledge is required, for example previous attendance of the “Industrial Networking (CT2)” course. The participant should bring a laptop with Ethernet connection. Administrator rights are required.

### OBJECTIVE

This course builds on the experience gained from “Industrial Networking (CT2)” providing network experts with intensive theoretical and practical knowledge about unicast and multicast routing.

A special emphasis is placed on deploying routing protocols in complex industrial environments. This enables the participants to provide comprehensive support, both for demanding projects and their daily work.



2 days | 9.00 am to 4.30 pm



\$1,199 ex. per person

NB: Minimum class number must be attained before classes can commence.

## SEMINAR CONTENT

### » Routing

- Routers and their functionality
- IP addressing

### » Unicast routing protocols

- RIP
- OSPF

### » Router redundancy

- VRRP
- HiVRRP

### » Multicast routing protocols

- DVMRP
- PIM-DM
- PIM-SM



**OTHER  
COURSES**

INDUSTRIAL  
ETHERNET (CT1)

INDUSTRIAL  
NETWORKING (CT2)

**INDUSTRIAL  
ROUTING (CT3)**

HIRSCHMANN  
OPERATING SYSTEM  
- HiOS LAYER 2  
SOFTWARE (HiOSL2)

NETWORK  
MANAGEMENT WITH  
INDUSTRIAL HiVision  
(CP2)

HIRSCHMANN  
OPERATING SYSTEM  
- HiOS LAYER 3  
SOFTWARE (HiOSL3)