

HIRSCHMANN CERTIFIED TRAINING

HIRSCHMANN OPERATING SYSTEM HIOS LAYER 3 SOFTWARE (HIOSL3)



HiOS is an entirely new operating system for Industrial Ethernet, combining high performance with robust security providing maximum network availability and data security for efficient production processes.

The new software equips the RSP with Layer 3 functionality, turning it into a routing product whose compact housing allows it to be accommodated in the production area. It adds dynamic routing functionality to the relevant MSP hardware versions, thus guaranteeing system continuity from one product generation to the next.

WHO SHOULD ATTEND

Product training course for System Engineers, Network Designers and Support Technicians.

PRE-REQUISITES

A basic understanding of Ethernet and routing is required, for example “Industrial Ethernet (CT1)”, “Industrial Networking (CT2)” and “Industrial Routing (CT3)”. Product knowledge from the “Hirschmann Operating system - HiOS Layer 2 Software (HIOSL2)” course is also recommended. The participant should bring a laptop with Ethernet connection. Administrator rights are required.

OBJECTIVE

In a professional environment the participants receive in-depth knowledge about the Hirschmann Operating System (HiOS) Layer 3 functionality of the various RSP variants and MSP devices. This includes installation, commissioning, and supervision.



3 days | 9.00 am to 4.30 pm



\$1,299 ex. per person

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

SEMINAR CONTENT

» Software segmentation

- Layer 3 Standard
- Layer 3 Advanced

» Router interfaces

- Port based
- VLAN based
- Loopback Interfaces

» Address resolution protocol (ARP)

» Unicast routing

- Static routing
- RIP
- OSPF

» Router redundancy

- VRRP
- HiVRRP
- Tracking objects

» IGMP

- IGMP proxy

» Multicast routing

- DVMRP
- PIM-DM
- PIM-SM

» IP/UDP helper



**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)