



CERTIFICATION

HiRS: Hirschmann Industrial Rail Specialist

CONTACT INFORMATION

For questions, please contact **Derek Washington**:
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HIRSCHMANN

A **BELDEN** BRAND

WHO SHOULD ATTEND

System engineers, network designers and support technicians.

PREREQUISITES

Previous attendance of CT1 and CT2 courses
OR passing grade on HiES and HiNP exams is required. The participant should bring a laptop with Ethernet connection and an operating system CD. Administrator rights are required.

OBJECTIVE

Participants receive in-depth knowledge about the Hirschmann Operating System (HiOS) Layer 2 functionality of multiple RSP variants, MSP, GREYHOUND and EES devices. The course combines theory with hands-on exercises to demonstrate installation, commissioning and supervision of the devices discussed.

COURSE INCLUDES

- 3 days of training (Mon-Wed)
- Breakfast and lunch
- Hard and soft copy of training materials
- HiRS exam voucher
- Complimentary exam voucher for first renewal of HiRS

View schedule and registration:
www.beldentraining.com

COST: \$995 per person

COURSE CURRICULUM

Basic Settings

- Software management
- Configuration management
- External memory

Switching

- Port configuration
- Rate limiter
- IGMP
- VLANs
- Quality of Service

Redundancy

- MRP - Media Redundancy Protocol
- PRP - Parallel Redundancy Protocol
- HSR - High Availability Seamless Redundancy
- Rapid spanning tree
- Subring
- Link aggregation
- MRP over LAG
- Link backup

Device Security

- User management
- Password policy
- Management access
- RADIUS

Network Security

- Port security
- Denial of Service (DoS)
- Authentication (802.1x)
- Access Control Lists (ACLs)

Diagnostics

- Port mirroring
- Device status
- Security status
- Topology discovery
- Configuration check
- Event log
- Persistent Logging
- SFlow

Advanced

- DHCP relay and server