



EMERSON EXCHANGE 2025

ACCELERATING INNOVATION



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Proactive Monitoring of DeltaV System Networks with Hirschmann HiVision

Session ID: 3-1410

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BELDEN AT-A-GLANCE

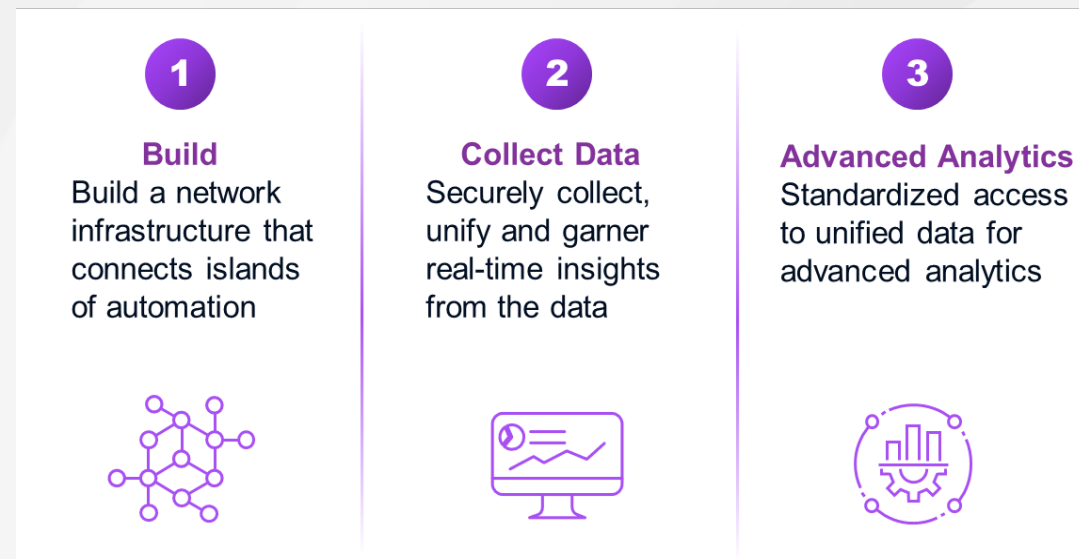
Two Complementary Business Segments Focused on Data Infrastructure



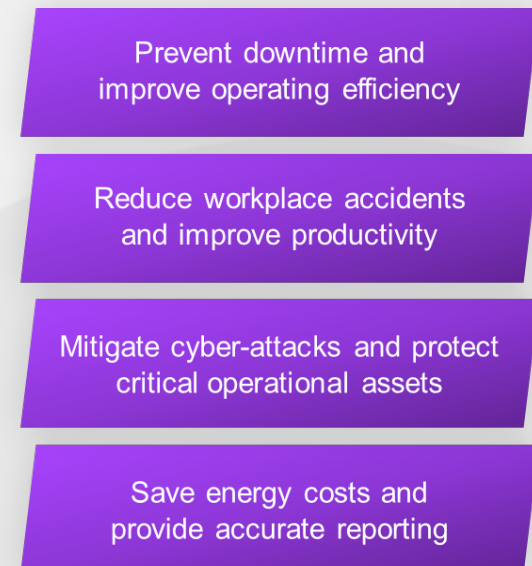
Primary Markets



Belden Network and Data Capabilities



Examples of Improved Outcomes



Agenda

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What is Hirschmann Industrial HiVision and How it correlates to DeltaV Smart Switches

How to Create Industrial HiVision Custom Content for OEM Devices

Validation Activities to Use Industrial HiVision with DeltaV Smart Switches

What is Industrial HiVision?

- Industrial HiVision is a graphical Network Management System software
- Specifically developed for configuration and supervision of industrial networks
- Can be used to supervise devices from any manufacturer
- Designed for use by Automation Engineers



Why Industrial HiVision?

Planning

Commissioning & Installation

Management & Monitoring

LAN: Industrial HiVision

LAN Monitoring

The screenshot displays the Hirschmann Industrial HiVision software interface. The main window shows a network topology map with various devices connected to a central switch (192.168.1.11). The map includes a 'Server Room' (192.168.1.119), 'Industrial HiVision' (192.168.1.3), 'Mobile Device' (192.168.1.10), and 'Internet'. The interface also features a menu bar, a toolbar, and a sidebar with navigation options like 'Map', 'List', 'Devices', 'Ports', 'Connections', 'Properties', and 'Security Status'. At the bottom, there is an 'Unacknowledged Events' table.

ID	Ack.	Type	Category	Time	User	Source	Component	Message
1000		Device Discovered		2015-06-24 10:51:51	ROOT-PC\$	Industrial HiVision Service		New Rogue Device Detected via 'Ping' 192.168.1.242, 00:13:38:00:04DF
941		Status Better		2015-06-24 10:28:10	ROOT-PC\$	192.168.1.22	Configuration Status	Status Improvement: OK (Configuration Status=Saved)
940		Status Worse		2015-06-24 10:27:57	ROOT-PC\$	192.168.1.22	Port 2/Link	Status Impairment: Error (Link=Down)
939		Status Worse		2015-06-24 10:27:57	ROOT-PC\$	192.168.1.23	Configuration Status	Status Impairment: Warning (Configuration Status=Not Saved)

Network Operation

- Maps network topology
- Visualizes status of network
- Helps locate problems quickly

Customer Benefits

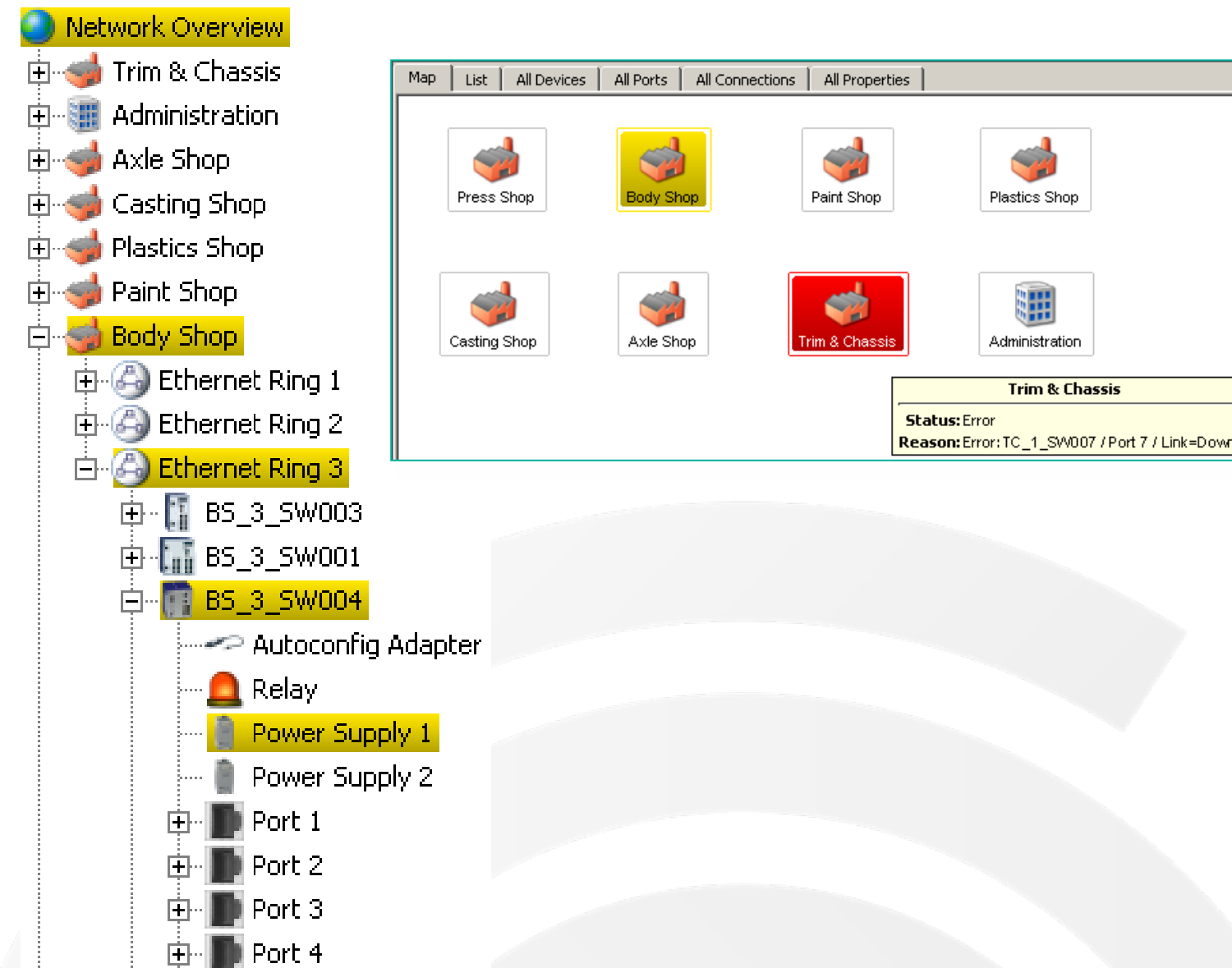
- Find faults quickly and achieve timely remediation that improves uptime
- In-depth integration of any SNMP-enabled devices
- Devices and connections Discovery
- Network Hierarchy can be customized to reflect the exact topology of the network
- Topology Map with Status Display
- Status Propagation: status of even the most complex networks can be seen from a single screen
- Comprehensive documentation for asset management
- Scalable system with hierarchical structure

Customer Benefits

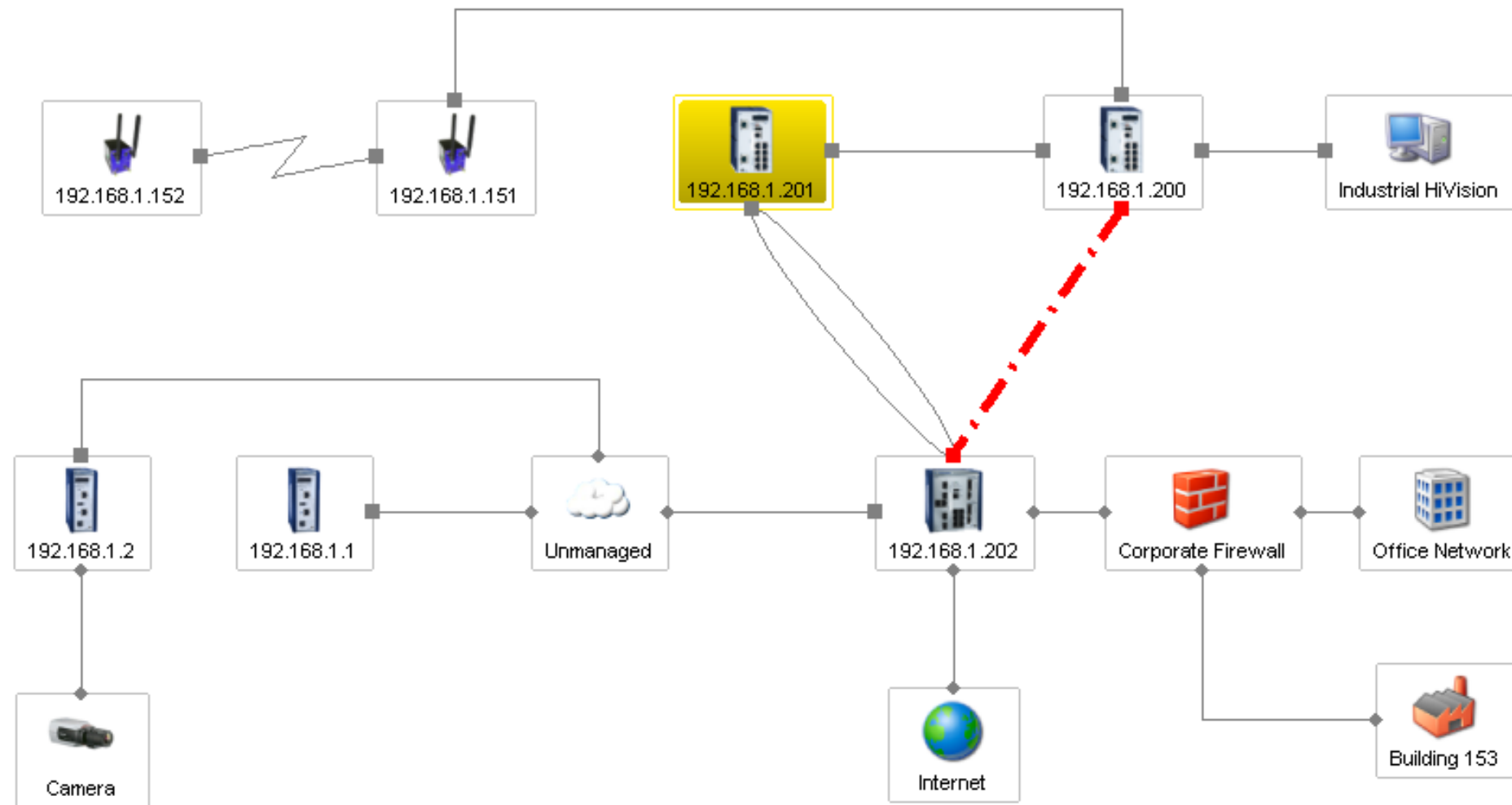
- Integrated OPC DA and UA servers
- Event Logs and Event forwarding to Syslog server
- Windows and Linux versions available with multiple language support
- New licensing option generates activation codes automatically to expedite deployment
- HiFusion: stand-alone application which allows any third-party device to be integrated in Industrial HiVision

Network Hierarchy and Status Propagation

- Hierarchy can be customised to reflect the exact topology of the network
- Unrestricted number of hierarchy levels
- Status of even the most complex networks can be seen from a single screen
- Bubble help provides information about the exact problem



Status Display



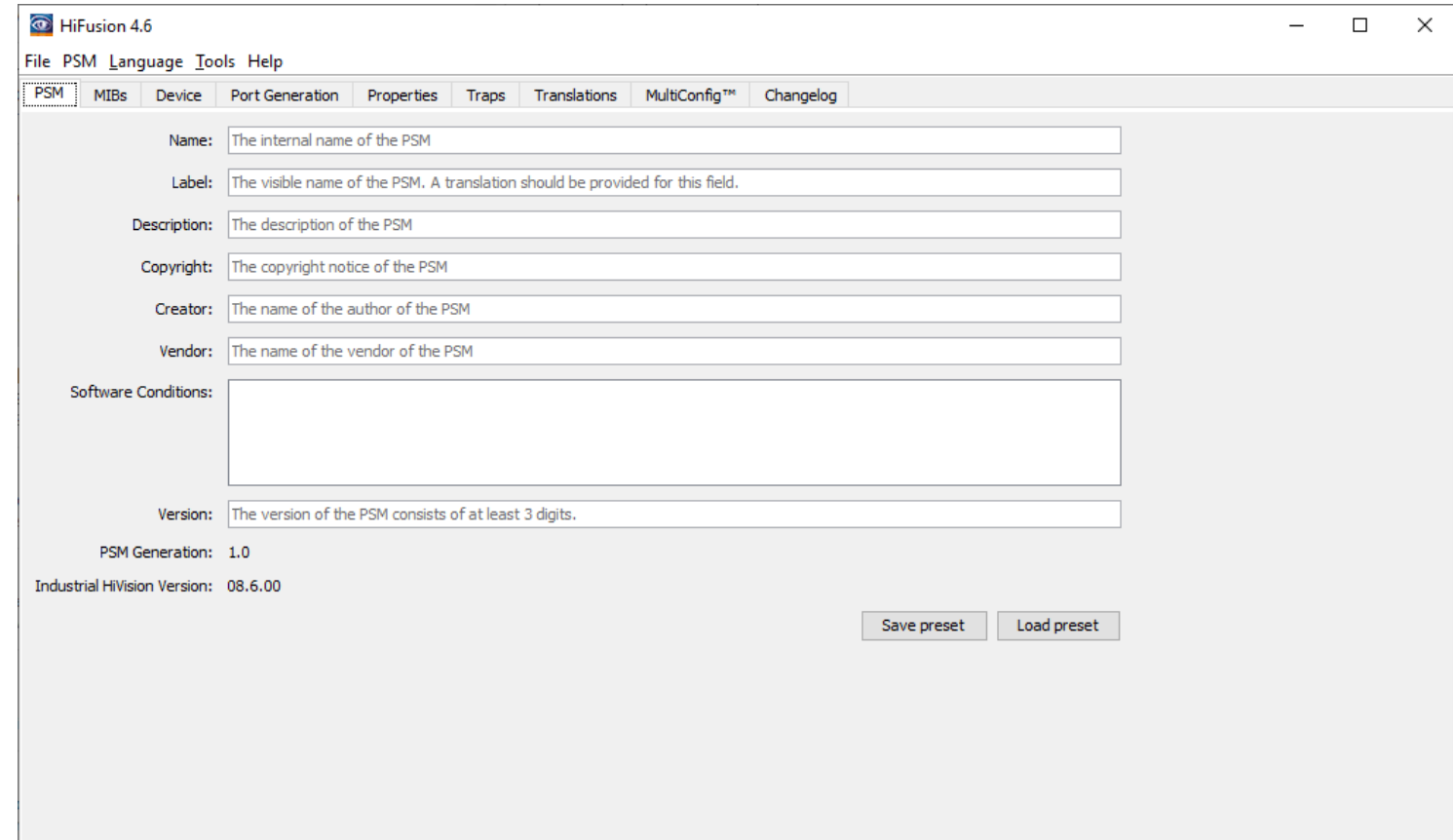
Target Markets

- Industrial HiVision can be used wherever networks have high availability, power, and security requirements
- Companies in any industry, including all segments of manufacturing and energy production, can benefit from Industrial HiVision
- Additionally, Industrial HiVision is ideal for use in all settings with industrial networks that need monitoring and it's relevant across all industrial applications.



HiFusion (PSM Generator)

- Stand-alone application which allows any third-party device (SNMP) to be integrated in Industrial HiVision
 - The customer can decide which information is displayed per device
 - Free of charge tool - no license required
- A Product Specific Module (PSM) is a file which allows a product type to be identified, displayed and supervised in Industrial HiVision. It includes the device image, plus a list of parameters which can be monitored.



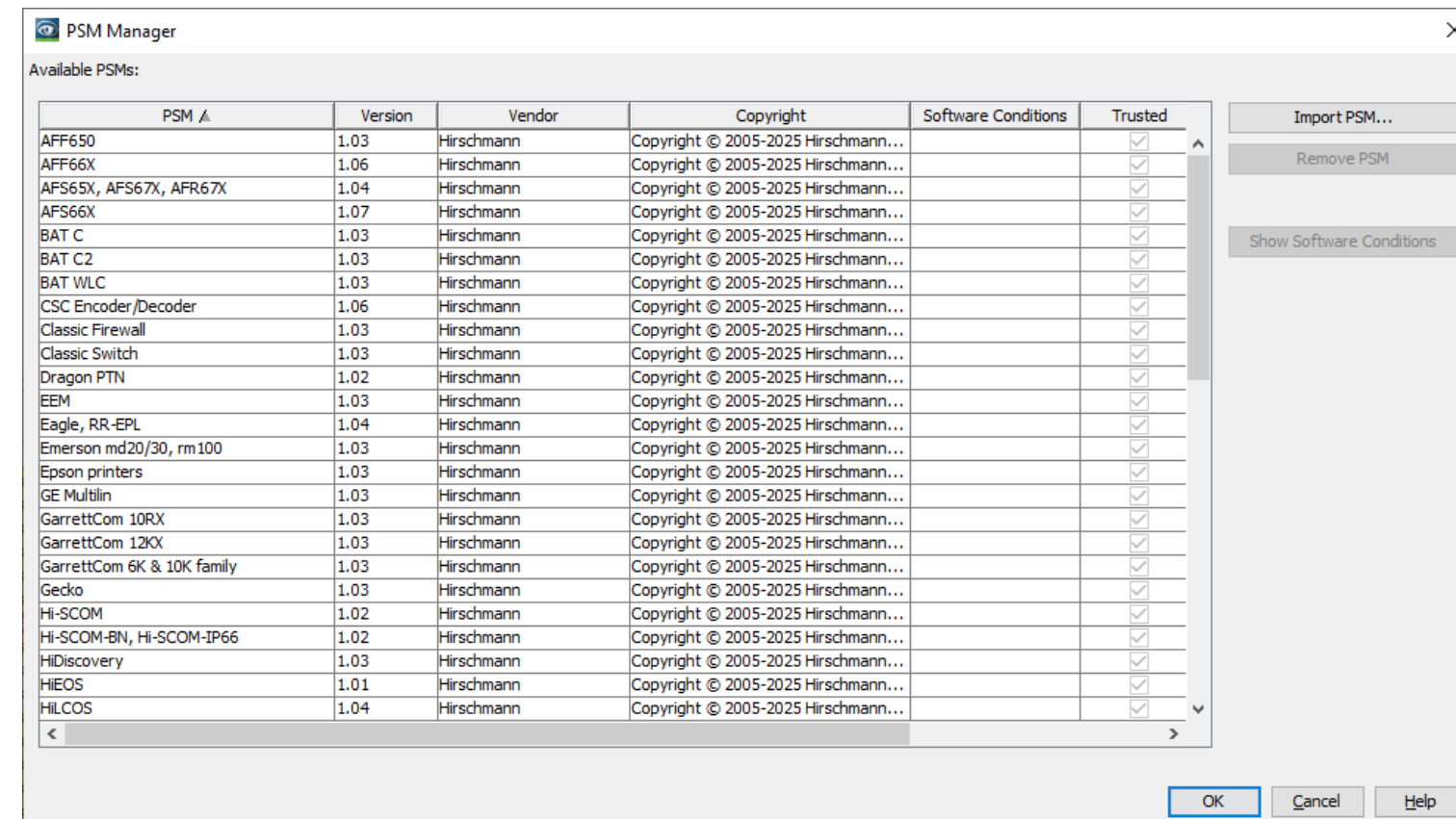
The screenshot displays the HiFusion 4.6 application window. The title bar reads "HiFusion 4.6" and the menu bar includes "File", "PSM", "Language", "Tools", and "Help". The "PSM" menu is active, showing a sub-menu with "MIBs", "Device", "Port Generation", "Properties", "Traps", "Translations", "MultiConfig™", and "Changelog". The main area contains a form for configuring a Product Specific Module (PSM) with the following fields:

- Name:** The internal name of the PSM
- Label:** The visible name of the PSM. A translation should be provided for this field.
- Description:** The description of the PSM
- Copyright:** The copyright notice of the PSM
- Creator:** The name of the author of the PSM
- Vendor:** The name of the vendor of the PSM
- Software Conditions:** A large text area for entering conditions.
- Version:** The version of the PSM consists of at least 3 digits.

At the bottom of the form, it shows "PSM Generation: 1.0" and "Industrial HiVision Version: 08.6.00". There are two buttons at the bottom right: "Save preset" and "Load preset".

PSM Manager

- The PSM Manager gives you the opportunity to update PSMs or import additional PSMs beyond the ones included with delivery
- During import, Industrial HiVision compares the version of the PSM to be imported with any existing PSM. If the PSM to be imported already exists, Industrial HiVision opens a dialog. The dialog offers you the opportunity to keep or overwrite an existing PSM.



Validation with DeltaV Smart Switches

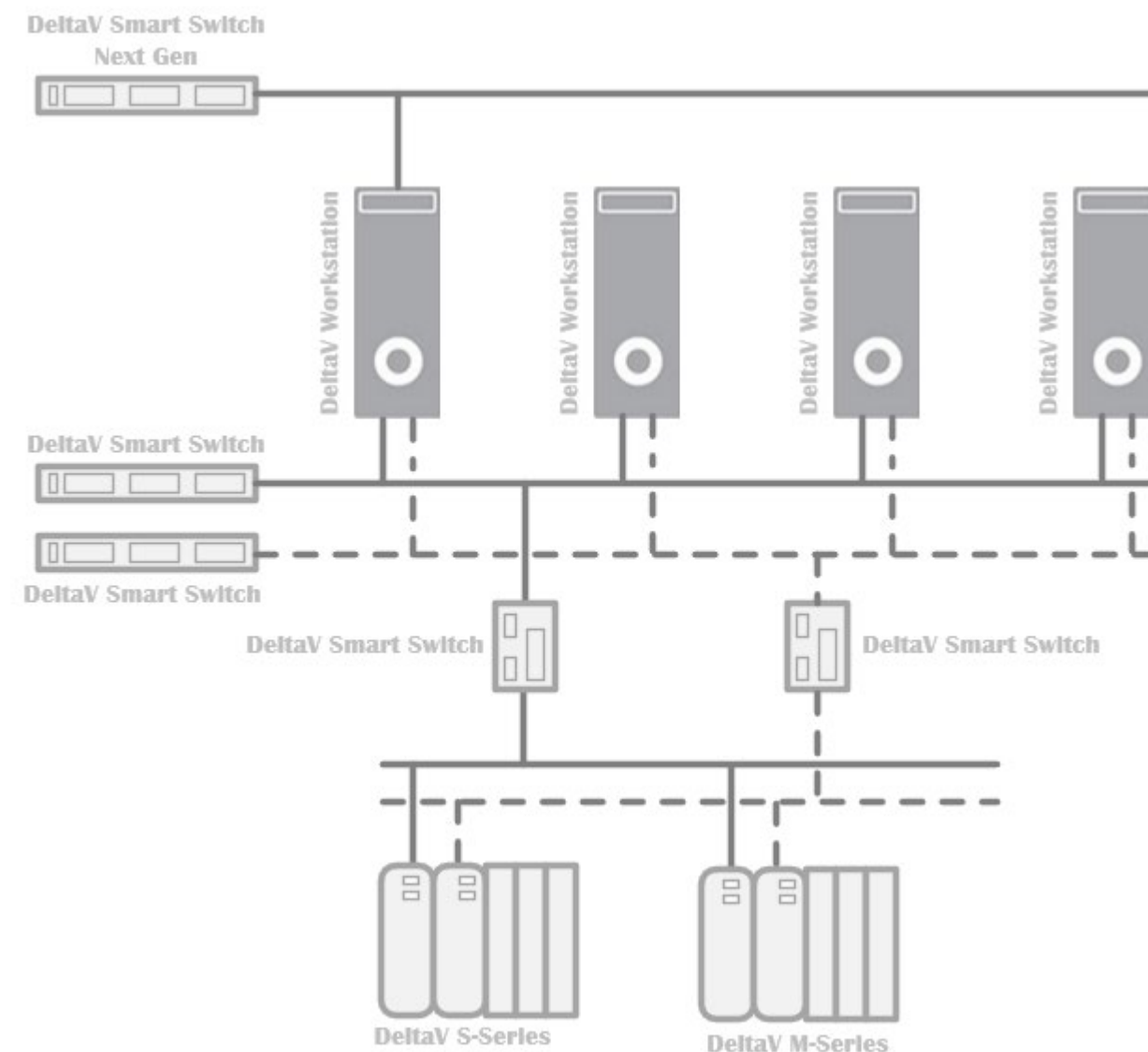
- Ensure interoperability between Industrial HiVision and DeltaV smart switches
- Validate performance, configuration management, and protocol support.

The screenshot displays the Hirschmann Industrial HiVision software interface. The top portion shows a network topology diagram with various devices connected. The bottom portion shows an event history table with the following data:

ID	Acc.	Type	Category	Time	User	Source	Component	Message
24509	<input type="checkbox"/>	Status Acknowledge	New Devices	2025-04-08 16:26:16	admin	New Devices	New Devices	Status Change Acknowledge: OK
24508	<input checked="" type="checkbox"/>	Status Better	DVPROPLUS DVAPP1	2025-04-08 16:25:58	admin	DVPROPLUS DVAPP1	Protocols/Protocol Pin...	Status Improvement: CK (Reachability=Yes)
24507	<input type="checkbox"/>	Event Acknowledge	Industrial HiVision	2025-04-08 16:25:18	admin	Industrial HiVision	Industrial HiVision	Severe Events Acknowledged by User: 24506
24506	<input checked="" type="checkbox"/>	Status Worse	DVPROPLUS DVAPP1	2025-04-08 16:23:38	admin	DVPROPLUS DVAPP1	Protocols/Protocol Pin...	Status Impairment: Error (Reachability=No)
24505	<input type="checkbox"/>	Event Acknowledge	Industrial HiVision	2025-04-08 16:20:25	admin	Industrial HiVision	Industrial HiVision	Severe Events Acknowledged by User: 24491
24504	<input type="checkbox"/>	Device Managed	Industrial HiVision Service	2025-04-08 16:18:09	DVPROPLUS	Industrial HiVision Service	Industrial HiVision Service	Device Added to Topology 192.168.1.6, 00:15:5D:b2:CE:4D
24503	<input type="checkbox"/>	Device Managed	Industrial HiVision Service	2025-04-08 16:18:05	DVPROPLUS	Industrial HiVision Service	Industrial HiVision Service	Compatible Class Found for Device. IP Address: 192.168.1.6. Device Class: Png
24502	<input type="checkbox"/>	Device Managed	Industrial HiVision Service	2025-04-08 16:18:04	DVPROPLUS	Industrial HiVision Service	Industrial HiVision Service	SNMP Access Could not be Established (Please Check Passwords) 192.168.1.6
24501	<input type="checkbox"/>	Device Discovered	Industrial HiVision Service	2025-04-08 16:17:59	DVPROPLUS	Industrial HiVision Service	Industrial HiVision Service	Device Discovered 192.168.1.6
24500	<input type="checkbox"/>	Application Info	Industrial HiVision Service	2025-04-08 16:17:59	DVPROPLUS	Industrial HiVision Service	Industrial HiVision Service	Devices reloading started
24499	<input type="checkbox"/>	User Intervention	Industrial HiVision Service	2025-04-08 16:17:59	admin	Industrial HiVision Service	Industrial HiVision Service	Device created by user:192.168.1.6
24498	<input type="checkbox"/>	Application Info	Industrial HiVision	2025-04-08 16:17:45	admin	Industrial HiVision	Industrial HiVision	Industrial HiVision Started: admin/DVPROPLUS

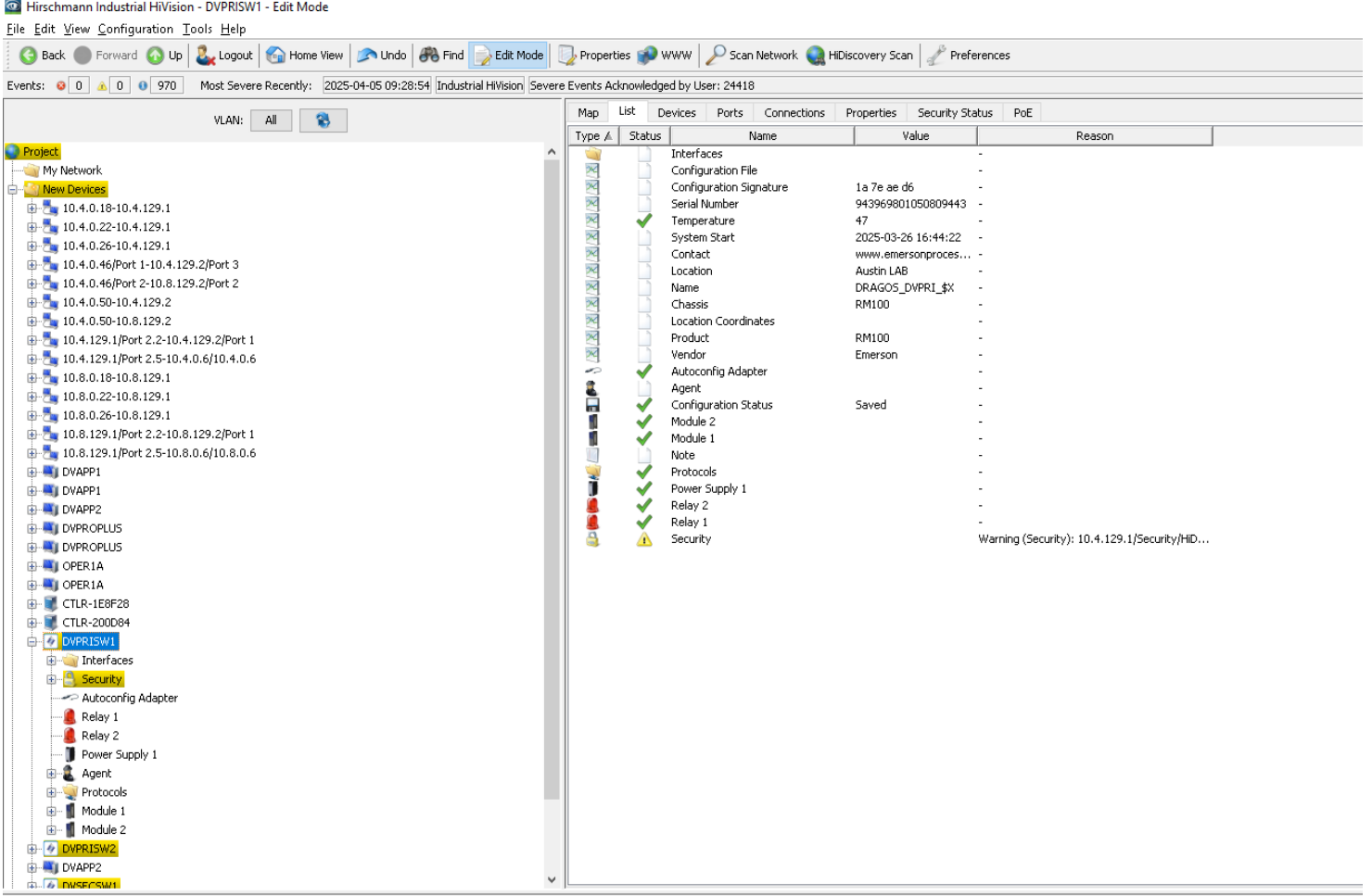
Validation Environment Setup

- The DeltaV environment used to for this validation consisted of
- 4 x DeltaV Workstations
- 1 x M-Series Controller
- 1 x S-Series Controller
- 2 x RM100 DeltaV Smart Switch
- 2 x FP20 DeltaV Smart Switch
- 1 x RM 200 (Next Gen DeltaV Smart Switch)



DeltaV Smart Switch attributes in HiVision

- The following attributes are displayed in HiVision for DeltaV Smart Switches. These are available due to the existing PSM (Product Specific Module) support in HiVision for RM100 and FP20 series DeltaV Smart Switches.
- Interfaces
- Security
- Relays
- Power Supply
- Protocols
- Modules



Hirschmann Industrial HiVision - DVPRISW1 - Edit Mode

File Edit View Configuration Tools Help

Back Forward Up Logout Home View Undo Find Edit Mode Properties WWW Scan Network HIDiscovery Scan Preferences

Events: 0 0 970 Most Severe Recently: 2025-04-05 09:28:54 Industrial HiVision Severe Events Acknowledged by User: 24418

VLAN: All

Type	Status	Name	Value	Reason
Interfaces		Configuration File	-	-
		Configuration Signature	1a 7e ae d6	-
		Serial Number	943969801050809443	-
	✓	Temperature	47	-
		System Start	2025-03-26 16:44:22	-
		Contact	www.emersonproces...	-
		Location	Austin LAB	-
		Name	DRAGOS_DVPRI_5X	-
		Chassis	RM100	-
		Location Coordinates	-	-
		Product	RM100	-
		Vendor	Emerson	-
	✓	Autoconfig Adapter	-	-
	✓	Agent	-	-
	✓	Configuration Status	Saved	-
	✓	Module 2	-	-
	✓	Module 1	-	-
	✓	Note	-	-
	✓	Protocols	-	-
	✓	Power Supply 1	-	-
	✓	Relay 2	-	-
	✓	Relay 1	-	-
	⚠	Security	-	Warning (Security): 10.4.129.1/Security/HID...

DeltaV Next Gen Switch Attributes in Hivision

- For the DeltaV Next Gen, a custom PSM was developed to retrieve information from the RM2040 switch. This custom PSM includes the following attributes:
- Product information such as Switch name, Location, contact information, vendor etc.
- Port Status (# of ports, Active ports)

Hirschmann Industrial HiVision - DVL2-5SW - Edit Mode

File Edit View Configuration Tools Help

Back Forward Up Logout Home View Undo Find Edit Mode Properties WWW Scan Network HIDiscovery Scan Preferences

Events: 0 0 970 Most Severe Recently: 2025-04-05 09:28:54 Industrial HiVision Severe Events Acknowledged by User: 24418

VLAN: All

Type	Status	Name	Value	Reason
Interfaces				
Product			DRAGOS_PLAN_\$X	-
System Start			2025-03-13 10:17:16	-
Contact			www.emerson.com/d...	-
Location			Austin Cyber Lab	-
Name			DRAGOS_PLAN_\$X	-
Location Coordinates				-
Vendor			Emerson	-
Agent				-
Note				-
Port 30				-
Port 29				-
Port 28				-
Port 27				-
Port 26				-
Port 25				-
Port 24				-
Port 23				-
Port 22				-
Port 21				-
Port 20				-
Port 19				-
Port 18				-
Port 17				-
Port 16				-
Port 15				-
Port 14				-
Port 13				-
Port 12				-
Port 11				-
Port 10				-
Port 9				-
Port 8	✓			-
Port 7	✓			-
Port 6				-
Port 5				-
Port 4				-
Port 3				-
Port 2				-
Port 1				-
Protocols	✓			-

Failure Event detection in Hivision

Hirschmann Industrial HiVision - New Devices - Edit Mode

File Edit View Configuration Tools Help

Back Forward Up Logout Home View Undo Find Edit Mode Properties WWW Scan Network HiDiscovery Scan Preferences

Events: 1 0 958 Most Severe Recently: 2025-04-08 16:23:38 DVAPP1/Protocols/Protocol Ping... Status Impairment: Error (Reachability=No) Acknowledge

VLAN: All

Project

- My Network
 - New Devices
 - 10.4.0.18-10.4.129.1
 - 10.4.0.18-10.4.129.1
 - 10.4.0.22-10.4.129.1
 - 10.4.0.26-10.4.129.1
 - 10.4.0.46/Port 1-10.4.129.2/Port 3
 - 10.4.0.46/Port 2-10.8.129.2/Port 2
 - 10.4.0.50-10.4.129.2
 - 10.4.0.50-10.8.129.2
 - 10.4.129.1/Port 2.2-10.4.129.2/Port 1
 - 10.4.129.1/Port 2.5-10.4.0.6/10.4.0.6
 - 10.8.0.18-10.8.129.1**
 - 10.8.0.22-10.8.129.1
 - 10.8.0.26-10.8.129.1
 - 10.8.129.1/Port 2.2-10.8.129.2/Port 1
 - 10.8.129.1/Port 2.5-10.8.0.6/10.8.0.6
 - DVAPP1
 - DVAPP2
 - OPER1A
 - PROPLUS
 - CTLR-1E8F28
 - CTLR-200D84
 - DVPRISW1
 - DVPRISW2
 - DVSECSW1
 - DVSECSW2
 - DVL2-SSW
 - Rogue Devices
 - Unused Devices

Map List Devices Ports Connections Properties Security Status PoE

Event History Last 24 Hours Events 2025-04-08 16:24:46 Filter Events for Object Last 24 Hours Events

ID	Ack.	Type	Category	Time	User	Source	Component	Message
24506	<input type="checkbox"/>	✖	Status Worse	2025-04-08 16:23:38	DVPROPLUS\$	DVAPP1	Protocols/Protocol Pin...	Status Impairment: Error (Reachability=No)
24505	<input type="checkbox"/>	🔔	Event Acknowledge	2025-04-08 16:20:25	admin	Industrial HiVision		Severe Events Acknowledged by User: 24491
24504	<input type="checkbox"/>	🔔	Device Managed	2025-04-08 16:18:09	DVPROPLUS\$	Industrial HiVision Service		Device Added to Topology 192.168.1.6, 00:15:5D:62:CE:4D
24503	<input type="checkbox"/>	🔔	Device Managed	2025-04-08 16:18:05	DVPROPLUS\$	Industrial HiVision Service		Compatible Class Found for Device. IP Address: 192.168.1.6. Device Class: Ping
24502	<input type="checkbox"/>	🔔	Device Managed	2025-04-08 16:18:04	DVPROPLUS\$	Industrial HiVision Service		SNMP Access Could not be Established (Please Check Passwords) 192.168.1.6
24501	<input type="checkbox"/>	🔔	Device Discovered	2025-04-08 16:17:59	DVPROPLUS\$	Industrial HiVision Service		Device Discovered 192.168.1.6
24500	<input type="checkbox"/>	🔔	Application Info	2025-04-08 16:17:59	DVPROPLUS\$	Industrial HiVision Service		Devices reloading started
24499	<input type="checkbox"/>	🔔	User Intervention	2025-04-08 16:17:59	admin	Industrial HiVision Service		Device created by user:192.168.1.6
24498	<input type="checkbox"/>	🔔	Application Info	2025-04-08 16:17:45	admin	Industrial HiVision		Industrial HiVision Started: admin/DVPROPLUS
24497	<input type="checkbox"/>	🔔	User Intervention	2025-04-08 16:17:43	DVPROPLUS\$	Industrial HiVision Service		Industrial HiVision Login, User: admin / Host Name: DVPROPLUS.dragos.deltav.local
24496	<input type="checkbox"/>	🔔	User Intervention	2025-04-08 16:17:01	DVPROPLUS\$	Industrial HiVision Service		Industrial HiVision Logout, User: admin / Host Name: DVPROPLUS.dragos.deltav.local
24495	<input type="checkbox"/>	🔔	Application Info	2025-04-08 16:17:01	admin	Industrial HiVision		Industrial HiVision Terminated: admin/DVPROPLUS

Failure Event Acknowledgement in Hivision

Hirschmann Industrial HiVision - New Devices - Edit Mode

File Edit View Configuration Tools Help

Back Forward Up Logout Home View Undo Find Edit Mode Properties WWW Scan Network HIDiscovery Scan Preferences

Events: 0 0 958 Most Severe Recently: 2025-04-08 16:25:18 Industrial HiVision Severe Events Acknowledged by User: 24506 Acknowledge

VLAN: All

Project

My Network

New Devices

- 10.4.0.18-10.4.129.1
- 10.4.0.18-10.4.129.1
- 10.4.0.22-10.4.129.1
- 10.4.0.26-10.4.129.1
- 10.4.0.46/Port 1-10.4.129.2/Port 3
- 10.4.0.46/Port 2-10.8.129.2/Port 2
- 10.4.0.50-10.4.129.2
- 10.4.0.50-10.8.129.2
- 10.4.129.1/Port 2.2-10.4.129.2/Port 1
- 10.4.129.1/Port 2.5-10.4.0.6/10.4.0.6
- 10.8.0.18-10.8.129.1
- 10.8.0.22-10.8.129.1
- 10.8.0.26-10.8.129.1
- 10.8.129.1/Port 2.2-10.8.129.2/Port 1
- 10.8.129.1/Port 2.5-10.8.0.6/10.8.0.6
- DVAPP1
- DVAPP2
- OPER1A
- PROPLUS
- CTLR-1E8F28
- CTLR-200D84
- DVPRISW1
- DVPRISW2
- DVSECSW1
- DVSECSW2
- DVL2-5SW
- Rogue Devices
- Unused Devices

Map List Devices Ports Connections Properties Security Status PoE

Event History Last 24 Hours Events 2025-04-08 16:25:22 Filter Events for Object Last 24 Hours Events

ID	Ack.	Type	Category	Time	User	Source	Component	Message
24507	<input type="checkbox"/>	Event Acknowledge	Industrial HiVision	2025-04-08 16:25:18	admin	Industrial HiVision		Severe Events Acknowledged by User: 24506
24506	<input checked="" type="checkbox"/>	Status Worse	DVPROPLUS\$ DVAPP1	2025-04-08 16:23:38	admin	Industrial HiVision	Protocols/Protocol Pin...	Status Impairment: Error (Reachability=No)
24505	<input type="checkbox"/>	Event Acknowledge	Industrial HiVision	2025-04-08 16:20:25	admin	Industrial HiVision		Severe Events Acknowledged by User: 24491
24504	<input type="checkbox"/>	Device Managed	DVPROPLUS\$ Industrial HiVision Service	2025-04-08 16:18:09	admin	Industrial HiVision		Device Added to Topology 192.168.1.6, 00:15:5D:62:CE:4D
24503	<input type="checkbox"/>	Device Managed	DVPROPLUS\$ Industrial HiVision Service	2025-04-08 16:18:05	admin	Industrial HiVision		Compatible Class Found for Device. IP Address: 192.168.1.6. Device Class: Ping
24502	<input type="checkbox"/>	Device Managed	DVPROPLUS\$ Industrial HiVision Service	2025-04-08 16:18:04	admin	Industrial HiVision		SNMP Access Could not be Established (Please Check Passwords) 192.168.1.6
24501	<input type="checkbox"/>	Device Discovered	DVPROPLUS\$ Industrial HiVision Service	2025-04-08 16:17:59	admin	Industrial HiVision		Device Discovered 192.168.1.6
24500	<input type="checkbox"/>	Application Info	DVPROPLUS\$ Industrial HiVision Service	2025-04-08 16:17:59	admin	Industrial HiVision		Devices reloading started
24499	<input type="checkbox"/>	User Intervention	Industrial HiVision Service	2025-04-08 16:17:59	admin	Industrial HiVision		Device created by user:192.168.1.6
24498	<input type="checkbox"/>	Application Info	Industrial HiVision	2025-04-08 16:17:45	admin	Industrial HiVision		Industrial HiVision Started: admin/DVPROPLUS
24497	<input type="checkbox"/>	User Intervention	DVPROPLUS\$ Industrial HiVision Service	2025-04-08 16:17:43	admin	Industrial HiVision		Industrial HiVision Login, User: admin / Host Name: DVPROPLUS.dragos.deltav.local
24496	<input type="checkbox"/>	User Intervention	DVPROPLUS\$ Industrial HiVision Service	2025-04-08 16:17:01	admin	Industrial HiVision		Industrial HiVision Logout, User: admin / Host Name: DVPROPLUS.dragos.deltav.local

Failure Event Acknowledgement in Hivision

Hirschmann Industrial HiVision - New Devices - Edit Mode

File Edit View Configuration Tools Help

Back Forward Up Logout Home View Undo Find Edit Mode Properties WWW Scan Network HIDiscovery Scan Preferences

Events: 0 0 958 Most Severe Recently: 2025-04-08 16:25:58 DVAPP1/Protocols/Protocol Ping... Status Improvement: OK (Reachability=Yes) Acknowledge

VLAN: All

Project My Network New Devices

- 10.4.0.18-10.4.129.1
- 10.4.0.18-10.4.129.1
- 10.4.0.22-10.4.129.1
- 10.4.0.26-10.4.129.1
- 10.4.0.46/Port 1-10.4.129.2/Port 3
- 10.4.0.46/Port 2-10.8.129.2/Port 2
- 10.4.0.50-10.4.129.2
- 10.4.0.50-10.8.129.2
- 10.4.129.1/Port 2.2-10.4.129.2/Port 1
- 10.4.129.1/Port 2.5-10.4.0.6/10.4.0.6
- 10.8.0.18-10.8.129.1
- 10.8.0.22-10.8.129.1
- 10.8.0.26-10.8.129.1
- 10.8.129.1/Port 2.2-10.8.129.2/Port 1
- 10.8.129.1/Port 2.5-10.8.0.6/10.8.0.6
- DVAPP1
- DVAPP2
- OPER1A
- PROPLUS
- CTLR-1E8F28
- CTLR-200D84
- DVPRISW1
- DVPRISW2
- DVSECSW1
- DVSECSW2
- DVL2-5SW
- Rogue Devices
- Unused Devices

Map List Devices Ports Connections Properties Security Status PoE

Event History Last 24 Hours Events 2025-04-08 16:26:01 Filter Events for Object Last 24 Hours Events

ID	Ack.	Type	Category	Time	User	Source	Component	Message
24508	<input type="checkbox"/>	Status Better		2025-04-08 16:25:58	DVPROPLUS\$	DVAPP1	Protocols/Protocol Pin...	Status Improvement: OK (Reachability=Yes)
24507	<input type="checkbox"/>	Event Acknowledge		2025-04-08 16:25:18	admin	Industrial HiVision		Severe Events Acknowledged by User: 24506
24506	<input checked="" type="checkbox"/>	Status Worse		2025-04-08 16:23:38	DVPROPLUS\$	DVAPP1	Protocols/Protocol Pin...	Status Impairment: Error (Reachability=No)
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24503	<input type="checkbox"/>	Device Managed		2025-04-08 16:18:05	DVPROPLUS\$	Industrial HiVision Service		Compatible Class Found for Device, IP Address: 192.168.1.6. Device Class: Ping
24502	<input type="checkbox"/>	Device Managed		2025-04-08 16:18:04	DVPROPLUS\$	Industrial HiVision Service		SNMP Access Could not be Established (Please Check Passwords) 192.168.1.6
24501	<input type="checkbox"/>	Device Discovered		2025-04-08 16:17:59	DVPROPLUS\$	Industrial HiVision Service		Device Discovered 192.168.1.6
24500	<input type="checkbox"/>	Application Info		2025-04-08 16:17:59	DVPROPLUS\$	Industrial HiVision Service		Devices reloading started
24499	<input type="checkbox"/>	User Intervention		2025-04-08 16:17:59	admin	Industrial HiVision Service		Device created by user:192.168.1.6
24498	<input type="checkbox"/>	Application Info		2025-04-08 16:17:45	admin	Industrial HiVision		Industrial HiVision Started: admin/DVPROPLUS
24497	<input type="checkbox"/>	User Intervention		2025-04-08 16:17:43	DVPROPLUS\$	Industrial HiVision Service		Industrial HiVision Login, User: admin / Host Name: DVPROPLUS.dragos.deltav.local

Failure Event Acknowledgement in Hivision

Hirschmann Industrial HiVision - New Devices - Edit Mode

File Edit View Configuration Tools Help

Back Forward Up Logout Home View Undo Find Edit Mode Properties WWW Scan Network HiDiscovery Scan Preferences

Events: 0 0 957 Most Severe Recently: 2025-04-08 16:26:16 New Devices/New Devices Status Change Acknowledge: OK Acknowledge

VLAN: All

Project

- My Network
 - New Devices
 - 10.4.0.18-10.4.129.1
 - 10.4.0.18-10.4.129.1
 - 10.4.0.22-10.4.129.1
 - 10.4.0.26-10.4.129.1
 - 10.4.0.46/Port 1-10.4.129.2/Port 3
 - 10.4.0.46/Port 2-10.8.129.2/Port 2
 - 10.4.0.50-10.4.129.2
 - 10.4.0.50-10.8.129.2
 - 10.4.129.1/Port 2.2-10.4.129.2/Port 1
 - 10.4.129.1/Port 2.5-10.4.0.6/10.4.0.6
 - 10.8.0.18-10.8.129.1
 - 10.8.0.22-10.8.129.1
 - 10.8.0.26-10.8.129.1
 - 10.8.129.1/Port 2.2-10.8.129.2/Port 1
 - 10.8.129.1/Port 2.5-10.8.0.6/10.8.0.6
 - DVAPP1
 - DVAPP2
 - OPER1A
 - PROPLUS
 - CTLR-1E8F28
 - CTLR-200D84
 - DVPRISW1
 - DVPRISW2
 - DVSECSW1
 - DVSECSW2
 - DVL2-55W
 - Rogue Devices
 - Unused Devices

Map List Devices Ports Connections Properties Security Status PoE

Event History Last 24 Hours Events 2025-04-08 16:26:21 Filter Events for Object Last 24 Hours Events

ID	Ack.	Type	Category	Time	User	Source	Component	Message
24509	<input type="checkbox"/>	Status Acknowledge	New Devices	2025-04-08 16:26:16	admin	New Devices	New Devices	Status Change Acknowledge: OK
24508	<input checked="" type="checkbox"/>	Status Better	DVPROPLUS\$ DVAPP1	2025-04-08 16:25:58	DVPROPLUS\$	Industrial HiVision	Protocols/Protocol Pin...	Status Improvement: OK (Reachability=Yes)
24507	<input type="checkbox"/>	Event Acknowledge	Industrial HiVision	2025-04-08 16:25:18	admin	Industrial HiVision	Protocols/Protocol Pin...	Severe Events Acknowledged by User: 24506
24506	<input checked="" type="checkbox"/>	Status Worse	DVPROPLUS\$ DVAPP1	2025-04-08 16:23:38	DVPROPLUS\$	Industrial HiVision	Protocols/Protocol Pin...	Status Impairment: Error (Reachability=No)
24505	<input type="checkbox"/>	Event Acknowledge	Industrial HiVision	2025-04-08 16:20:25	admin	Industrial HiVision	Protocols/Protocol Pin...	Severe Events Acknowledged by User: 24491
24504	<input type="checkbox"/>	Device Managed	DVPROPLUS\$ Industrial HiVision Service	2025-04-08 16:18:09	DVPROPLUS\$	Industrial HiVision Service	Device Managed	Device Added to Topology 192.168.1.6, 00:15:5D:62:CE:4D
24503	<input type="checkbox"/>	Device Managed	DVPROPLUS\$ Industrial HiVision Service	2025-04-08 16:18:05	DVPROPLUS\$	Industrial HiVision Service	Device Managed	Compatible Class Found for Device. IP Address: 192.168.1.6. Device Class: Ping
24502	<input type="checkbox"/>	Device Managed	DVPROPLUS\$ Industrial HiVision Service	2025-04-08 16:18:04	DVPROPLUS\$	Industrial HiVision Service	Device Managed	SNMP Access Could not be Established (Please Check Passwords) 192.168.1.6
24501	<input type="checkbox"/>	Device Discovered	DVPROPLUS\$ Industrial HiVision Service	2025-04-08 16:17:59	DVPROPLUS\$	Industrial HiVision Service	Device Discovered	Device Discovered 192.168.1.6
24500	<input type="checkbox"/>	Application Info	DVPROPLUS\$ Industrial HiVision Service	2025-04-08 16:17:59	DVPROPLUS\$	Industrial HiVision Service	Application Info	Devices reloading started
24499	<input type="checkbox"/>	User Intervention	admin Industrial HiVision Service	2025-04-08 16:17:59	admin	Industrial HiVision Service	User Intervention	Device created by user:192.168.1.6
24498	<input type="checkbox"/>	Application Info	admin Industrial HiVision	2025-04-08 16:17:45	admin	Industrial HiVision	Application Info	Industrial HiVision Started: admin/DVPROPLUS

DeltaV Cybersecurity Booth – Belden Booth (Exhibit Floor)

Find More Information

[Belden Industrial HiVision product page](#) - [DeltaV Cybersecurity Group](#)

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EMERSON EXCHANGE 2025

ACCELERATING
INNOVATION

Thank You