Field Communication Insider is an e-newsletter featuring the latest news and developments in the application of HART, FOUNDATION Fieldbus and FDI technology around the world.

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Latest News

ABB Flowmeters Secure Ethernet-APL Certification

ABB flowmeters are now certified to the Ethernet-APL standard, making them ideal for operation in demanding process plant environments, including hazardous areas. These intelligent devices are an important step for facilities undertaking the journey toward a fully digitalized and network-centric instrumentation architecture.

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Modernizing Automation for Smarter Plants

Process plants perform better, more safely, and sustainably with an intelligently modernized core process control zone. Digital transformation with the NAMUR Open Architecture and technologies like HART-IP provide the data transfer capabilities required to support these initiatives.

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Technology

Ethernet-APL for Future-Proofing Industrial Field Networking

Intelligent Ethernet-APL switches provide the connectivity needed to support plant modernization projects. Ethernet-APL, PROFINET, and OPC-UA based profiles in both FDI and PA-DIM provide users with ready access to the data and valuable diagnostics required to maximize facility performance and uptime.

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Ethernet Integration Increases Efficiency

Many processes require monitoring of numerous temperature points. This temperature concentrator module, combined with a HART-to-Ethernet gateway, is a compact and cost-effective way to digitally transmit up to 128 different temperature signals to a MODBUS/TCP host or web browser using Ethernet.

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PA-DIM Showcased at ACHEMA 2024

PA-DIM empowers users to unlock the full potential of field devices and sensors by replicating their signals across hosts, cloud platforms, and analytics applications, all with a common information model, regardless of device type, brand, or protocol.

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Focus on FDI

PACTware Supports FDI Technology

PACTware has long been used by engineers to configure devices supporting FDT/DTM technology. FieldComm has joined the PACTware Consortium, and now PACTware 6.1 supports FDI Device Packages, making it both a manufacturer- and fieldbus-independent software tool.

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Latest Registered FOUNDATION™ Fieldbus and HART Products

Latest Registered FOUNDATION Fieldbus and HART Products

The number of FOUNDATION™ Fieldbus and HART® products registered by FieldComm Group continues to grow.

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New products and content from our sponsors

ABB: New NINVA™ with SIL2 certification for safer and simpler temperature measurement

Azbil: Smart HART Modem

Emerson: AMS Trex Device Communicator

Microcyber: New Generation of Fieldbus Smart Temperature Transmitter

Moore Industries: Overcoming Challenges of High-Density Temperature Monitoring with Ethernet

Pepperl-Fuchs: Ethernet-APL, Digitization Reaches the Field of Process Industries

ProComSol: Ethernet-APL

R. Stahl: Ethernet-APL Field Switch (Hazardous Areas)

Softing: Industry 4.0 Implementation for HART Devices

Yokogawa: Vortex Flowmeters, Ideal for Steam Flow Measurement

Calendar

Sept 23-26, 2024: Developer Training
Austin, TX USA
More information

Nov 4-7, 2024: Developer Training
Düsseldorf, Germany
More information

Nov 12-14, 2024: Expo: SPS – Smart Production Solutions 2024
Nuremberg, Germany
More information

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