The latest news and developments in the application of HART, FOUNDATION Fieldbus and FDI technology around the world.

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Latest News

PACTware Now Supports FDI Device Packages

The success story of PACTware 6 goes into the next round. After the completely revised version of the manufacturer and fieldbus-independent tool, which has proven itself for more than 20 years, was introduced at the beginning of last year, the next version with innovative functions is now available.
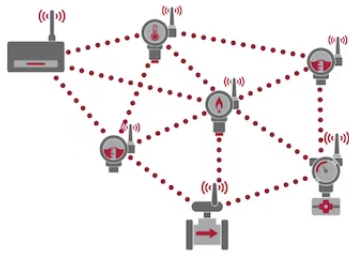
Read more.

Introduction to HART-IP Security – New Technical Paper

This technical paper provides a high-level introduction to the mandatory security requirements provided by HART-IP servers/devices. It will benefit both users evaluating HART-IP or planning their deployment. It is also a good place to start if you are a device designer or thinking about developing a HART-IP product.

Read technical paper.

SIMPLE. RELIABLE. SECURE.

WirelessHART - Deployment Methodology and Guidelines Webinar – May 10, 2023

This webinar will provide a step-by-step methodology for deploying WirelessHART networks. The methodology includes all deployment phases from network planning through the operational and maintenance phases. We will also provide a set of clear guidelines and practical considerations to be taken into account during network deployment, based on lessons...

More information and registration here.

Overview of SafeHART™ – June 22, 2023

This webinar will provide an introduction to SafeHART™, a safety layer compatible with all HART® communication technologies (HART® 4-20mA, WirelessHART®, HART-IP®). We will review the core requirements for SafeHART™ communication and SIL certification and discuss the topics of interoperability between SafeHART™ and the installed base of Remote I/O,...

More information and registration here.

Technology

Improving Interoperability Between Field Instruments and Host Systems

The Field Device Integration Standard (FDI) is supported by virtually all leading automation suppliers, easing integration and future-proofing investments. When fully implemented, FDI offers many benefits, including advanced device health diagnostics, Offline Configuration Modern User Interfaces and security among others.

Read more.

Connecting the World of Process Automation

In this special edition of Control Amplified, Smart Industry editor in chief Chris McNamara is joined by Paul Sereiko, director of marketing, FieldComm Group, to discuss the impacts of digitalization and some of the organization's latest collaborations to create standards that encourage interoperability.

Read more.

Why Instrumentation Purchases Should Require FDI Device Packages

Equipping instrumentation with FDI Device Packages enables enhanced device health information, IIoT data, offline configuration, modern user interfaces, improved security, and other features, like standardized bulk configuration tools. Because host systems that support FDI also support older DD technology, it is essential for users, SIs, and EPCs to...

Read more.

Focus on FDI

How Time Consuming is your Device Commissioning Process Today?

Commissioning is a critical phase in the plant life cycle. In many instances, the commissioning phase, when done correctly, will help a project get back on schedule after it has fallen behind. It is essential that the quality, integrity and functionality of the systems be verified at each stage as commissioning progresses. Host-specific commissioning may result in inconsistent configurations of instruments, or cause interoperability issues as the system is brought online, this stems from a lack of standardization.

Learn how standardized offline configuration menus available in all FDI Device Packages can reduce the guesswork needed by instrumentation staff and system integrators as it provides tailored device configuration downloads, reducing the amount of time needed to get your systems up and running. Set your team up for success with FDI!

Read more.

Applications

China's Wanhua Chemical Group Transforms Plant into Finely Tuned Testimony to Digitalization

Wanhua Chemical Group is one of the largest chemical product manufacturers in the world. Because it serves such fast-moving and growing sectors as polyurethanes, petrochemicals and emerging materials, maintaining a competitive edge in its operations, and gaining value from its control systems is of the utmost importance. This is why the company turned...

Read their story here.

Invisible Wireless

Wireless is ubiquitous in our personal spaces, and now industrial users want the same ease of use, especially because they don't have to rip and replace, which saves installation costs and speeds up commissioning.

Read more.

Products

Latest Registered FOUNDATION™ Fieldbus and HART Products

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

Read more.

New products you may be interested in

Emerson Field Device Integration (FDI) in AMS Device Manager

Moore Industries HES HART to Ethernet Gateway System

Phoenix Contact Ethernet APL Resources Page

R. Stahl Ethernet-APL is the Future. See Q&A.

Microcyber New Generation of Fieldbus Smart Temperature Transmitter

ABB Ability SmartMaster Make Better Service Decisions for Field Devices and Instrumentation

Yokogawa Field Instruments Resource Page

Softing Ethernet-APL, the New Gold Standard for Process Automation

Azbil Smart HART Modem

ProComSol Advanced HART and FF Communicators

Improve Device and Process Visibility With FieldComm Group Registration

Calendar

DEVELOPER TRAINING – May 15, 2023 Düsseldorf, Germany

Register here

DEVELOPER TRAINING – September 18, 2023 Austin, TX

Register here

WirelessHART Deployment Methodology and Guidelines Webinar – May 10, 2023

Register here

Overview of SafeHART™ Webinar – June 22, 2023

Register here

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