



Over 25 years experience
in Fieldbus Technology

Newsletter

Issue February 2010



Dear readers,

In the past year many companies have suffered because of the financial crisis. Let's hope the worst is over. Not surprisingly, we have seen several client's development projects put on hold. However, things are now starting to move forward again.

The lull has had a positive effect in that it has allowed us to concentrate on the development of several new products. Of particular interest are the wireless HART devices described in this newsletter.

We look forward to continued cooperation with you as we are sure 2010 will produce new opportunities for all in the fieldbus business.

Halvor Landet, CEO

Coming event:

Hannover April 19th to 23rd.



Fint will be at the Interkama exhibition on the Fieldbus Foundation stand, Hall 7 Booth No B09 . If you have a particular application you would like to discuss with our technical experts, give us a call or e-mail us and make an appointment, (+47)22067963 - info@fint.no, or just turn up at the stand.

Fint enters the HART wireless arena and partners with Dust Networks



Wireless instrumentation will play an important role in the automation industry in the years to come. Both as a replacement to wired solutions and as a supplement to provide more information from the field into the control room.

It is important for Fint to be able to support our customers in this new field. Dust being the main technology driver of Wireless HART, is the ideal partner for Fint now offering HART solutions based on Dust's technology.

Fint introduces new series of Modbus to Fieldbus gateway modules



The new version has improved capabilities compared to the previous range of products. Four dynamic variables are supported and up to 40 R/W Modbus registers. The FF version, the T710 supports one to four Modbus instruments. The Modbus communication settings can be configured and the parameters may be write-protected.

Orange Instruments Ltd is launching a HART compliant electro-hydraulic positioner



The UK-company, Orange Instruments, is launching as the first vendor in the world a HART compliant positioner for hydraulically actuated valves. The positioner, the EX200H/IS200H, controls solenoids on a hydraulic actuator that operates the valve. The controller runs the HART 7 protocol and is registered with the HART Communication Foundation. A Device Description (DD) is developed and also registered. This allows the device to be

configured from any third party DD based configurator.

Fint was engaged to assist when Orange's HART consultant had failed in providing a compliant solution. Fint's task became to correct the HART stack and provide the required support to take the design through the HART certification process.

Road show program for 2010:

The road shows have over the years been a success and we extend this activity in 2010. The plan for areas to visit is presented below. If you would like to discuss fieldbus technology with us and hear about Fint's flexible solution on how to enter the fieldbus arena, please get in touch with us. We will do our utmost to include your facility on our visiting agenda.

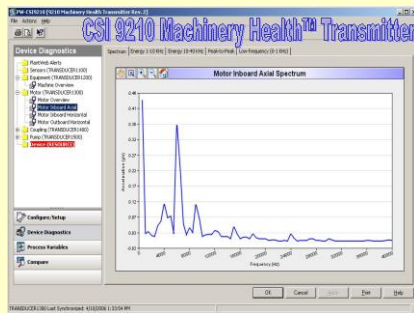
- January: US East Coast
- March: UK
- April: US Mid West
- May: Germany/Switzerland/Austria
- September: US South and US East Coast
- October: Germany/The Netherlands/Belgium
- November: US West Coast

Third party configuration tool based on DTM.

The DTM, Device Type Manager, is the competitor to the EDD, (Enhanced Device Driver). The DTM runs under the Pactware's free of charge Configuration software tool. It is the instrument vendor who supplies the DTM and may be used with FDT based configuration tools. ABB's SmartVision and the Pactware freeware are examples of this. Tools like Pactware then become a single point of access for all information related to the instrument such as; set-up parameters, monitoring and parameterization. More DTMs can be stored in the FDT (the configuration tool framework) and thus different instruments from different manufacturers can be supported. The DTMs include a graphical interface which opens for trending and curves to be displayed, allowing for applications with powerful user-friendly interfaces.



The corner of Dr. TROLL e-Bus



Third party configuration tool, based on EDD.

EDD is an enhancement to the Device Description Language (DD) allowing graphical interfaces in DDs. Previously only tables were used for menus. Now the language also includes mechanisms to present menus in different formats on a PC screen as well as support for graphics and curves.

DTMs and EDDs are making life easier for the end user allowing new and exciting ways of presenting data.

Our products and services

Training kits

Explains all you need to get started with HART, FF or PROFIBUS



Build-in modules

Fieldbus interfaces for sensors and actuators



Fieldbus gateways

Fieldbus communication modules in DIN Rail packaging



Customized solutions

Prototype samples in hardware & software



Deliverables: Complete hardware & software documentation - manufacturing drawings – training – certification consulting – large scale manufacturing of fieldbus components – customer service and support centre



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