



FDI Cooperation, LLC - Press Talk

A close-up photograph of a globe constructed from numerous interlocking puzzle pieces. The pieces are light blue and white, with some missing, creating a textured, three-dimensional effect. The globe is set against a soft, out-of-focus background.

**November 6th, 2013
NAMUR Annual General Meeting,
Bad Neuenahr**

- Release of FDI Specification**

- Demonstration of IDE and Common Host Components**

- Announcement of first FDI Book**

- Exhibition at NAMUR Conference 2013**

One device Integration for all devices of process industry,
independent of communication and manufacturer

- 
- robust
 - technology independent
 - investment safety



- 
- graphical
 - flexible
 - innovative

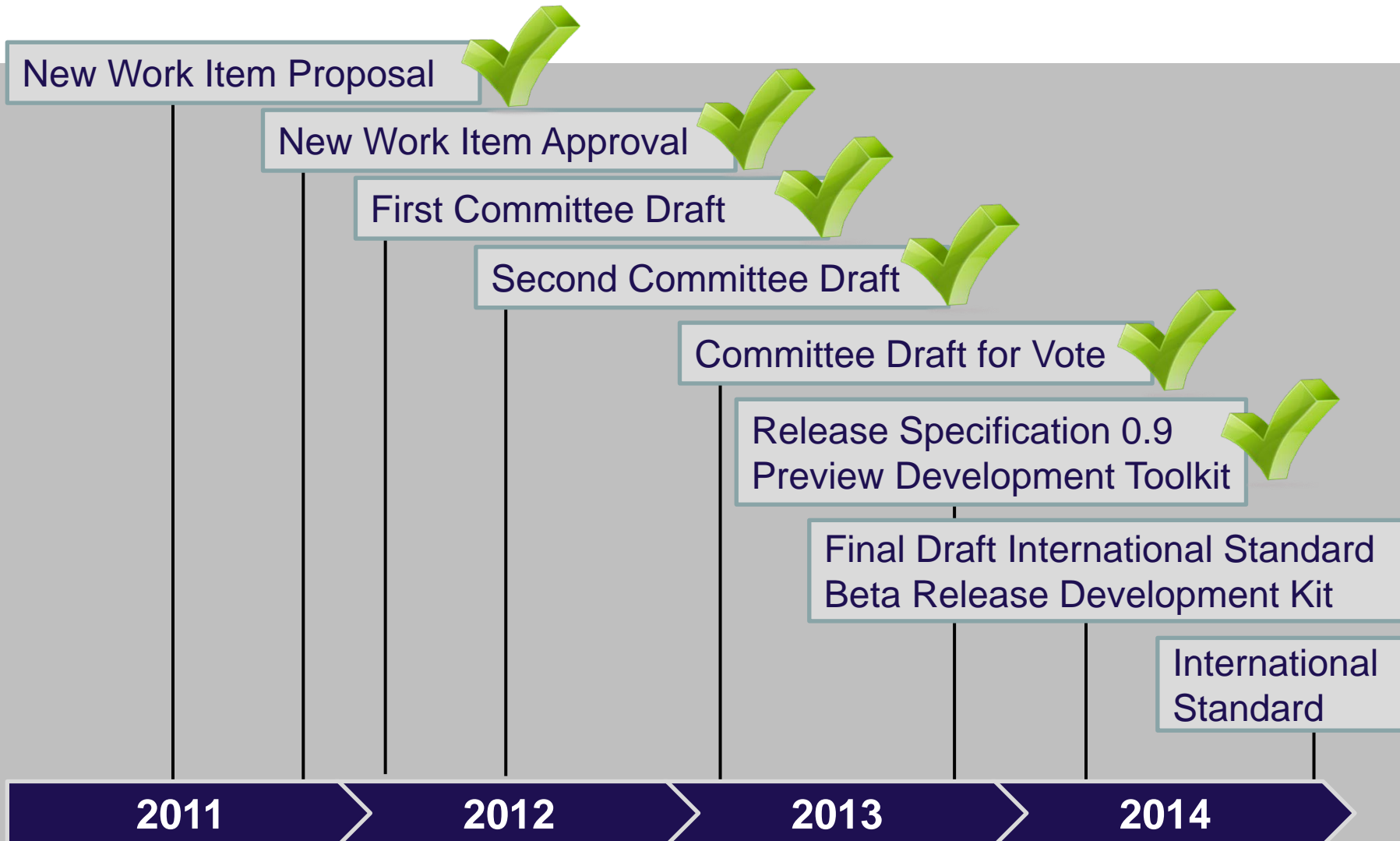
Independent integration of devices
with Device Packages

EDDL

UIP

Attachments

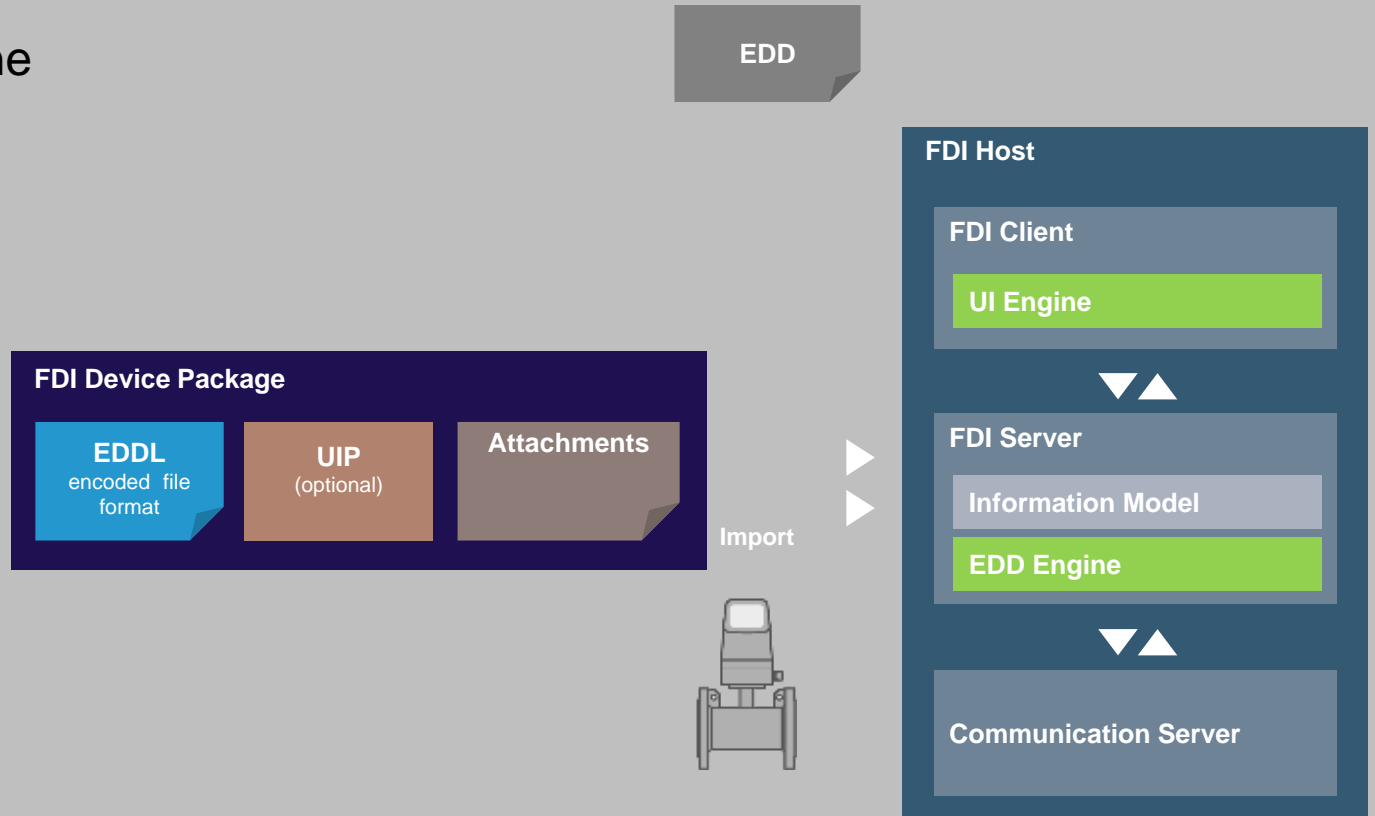
FDI Project Timeline



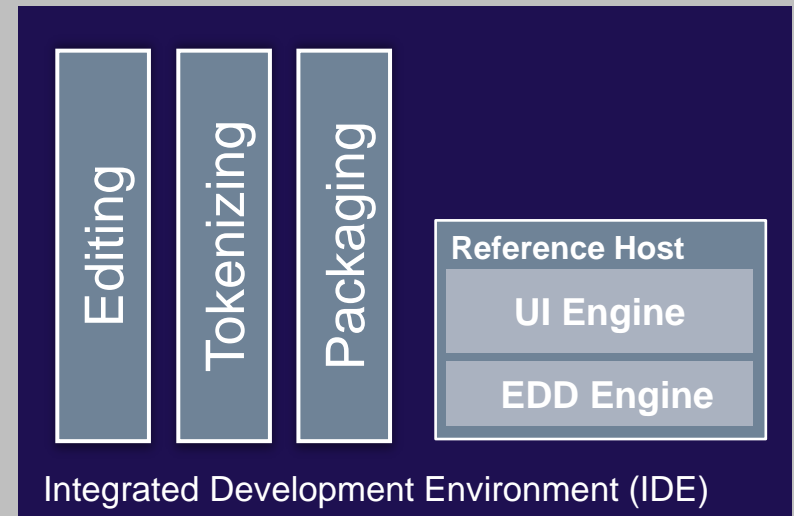
- **FDI Specification Release**
 - Use for beta implementations, e.g. participate in beta testing offered by foundations
 - Available for download on [FDI Cooperation](#) web page

- **IDE (Integrated Development Environment) and Common Host Components Preview**
 - First time ever demonstration of
 - Cross protocol Integrated Development Environment
 - Cross protocol Common Host Components
 - Beta version shall be released to Foundations in 1st Quarter 2014
 - Foundations to offer FDI IDE and Host Components for beta testing to their members

- **FDI Standard Host Components, including**
 - UI Engine
 - EDD Engine

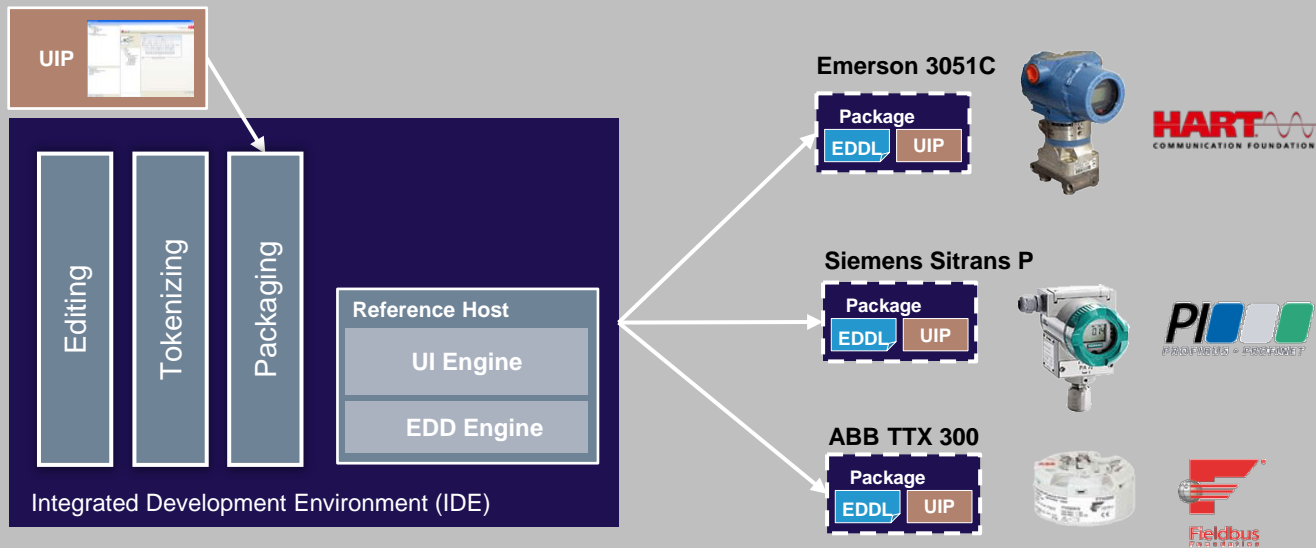


- **FDI IDE, including**
 - Tokenizer for FF, HART, PROFIBUS
 - Reference Host
 - Sample Device Packages



⇒ **Covers complete workflow**

- Create device packages
- Execute device package in reference host
- Communication via FF, HART, PROFIBUS
- Online device configuration



This is the first time ever a single host software covers all three protocols

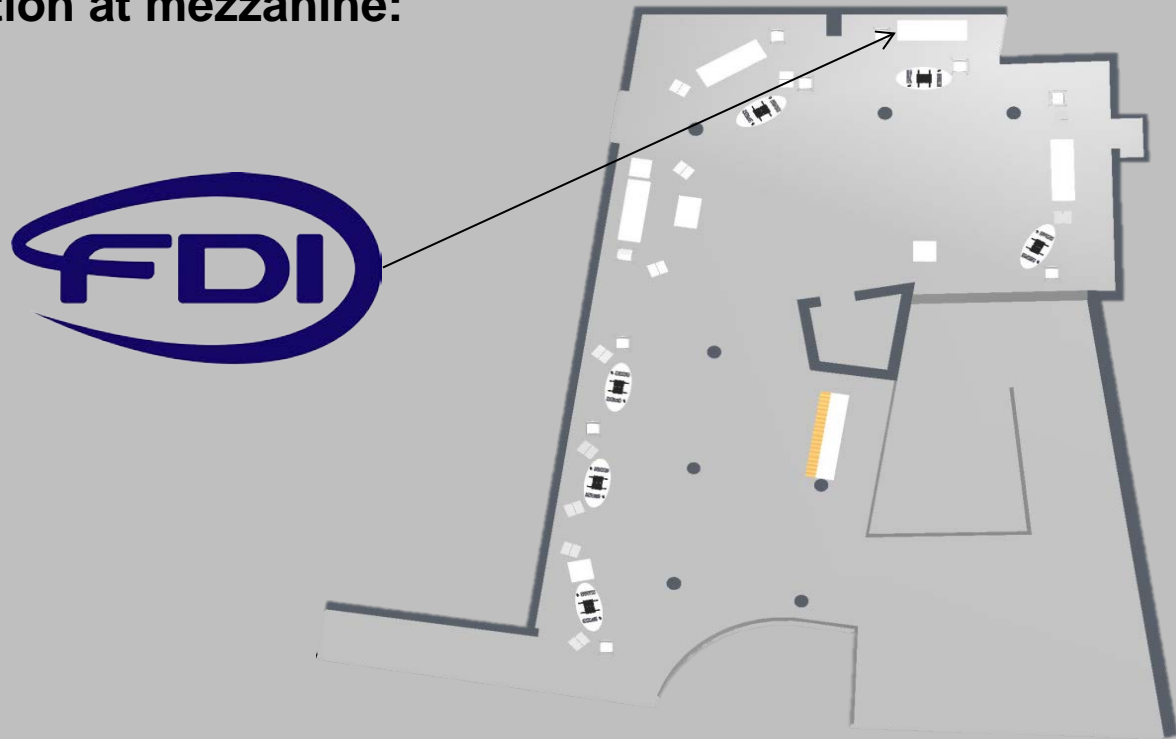


FDI Field Device Integration

Handbuch für die einheitliche Integrationstechnologie

Daniel Großmann
Michael Braun
Benjamin Danzer
Matthias Riedel

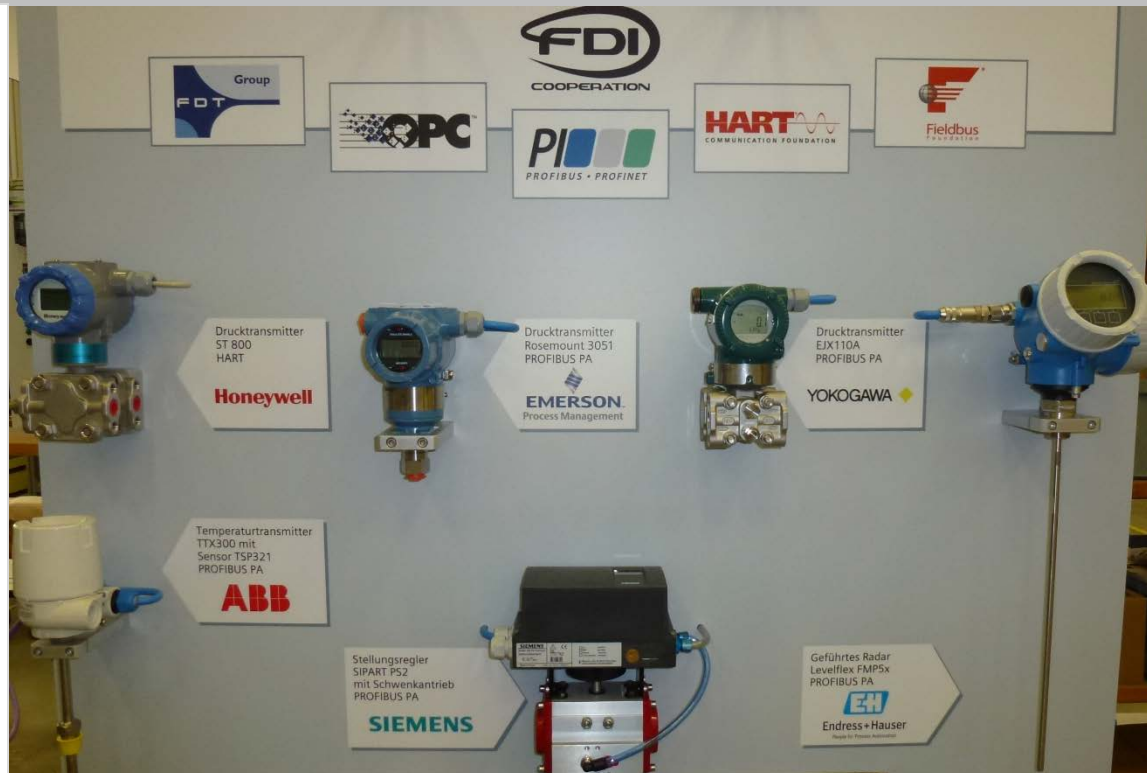
Outline of exhibition at mezzanine:



FDI as an integral part of Device Management and Integrated Engineering

FDI Field Device Integration – Standardized Technology for Parameterization and Management of field devices

- Support of a common user interface for all field devices
- One FDI Device Package suitable for all parameterization tools
- Combination of the best properties from EDDL and FDT
- Support of all common communication types (HART, PROFIBUS / PROFINET, Foundation Fieldbus)
- Usage provides benefits for end users, device vendors, and DCS suppliers



FDI Field Device Integration – Common demonstration and advantages of the new device integration technology

- All major device vendors and technology organizations support this new standard
- FDI combines all benefits and possibilities of EDDL und FDT/DTM on behalf of the end users
- The Siemens device management tool SIMATIC PDM will support FDI to the full extent
- SIMATIC PDM assures the seamless transition towards the FDI Technology
- Guaranteed protection of investment due to simultaneous operation of „classic” (EDD, DD) and „new” (FDI) technology

Thank You

Questions?