Field Device Integration (FDI) Project

Single solution for integration of field devices into host systems

Combines strengths of EDDL and Device Type Manager (DTM)

Open specification that will be an international Standard

Technology direction agreed by major suppliers

Use cases agreed by major end users
FDI Project – General Requirements

- Host system independent
- Platform and operating system independent
- Provide access to the full capability of the field device
- Based on OPC UA client/server specifications and information model
- Support FOUNDATION™ fieldbus, HART®, PROFIBUS and PROFINET
- Adoptable to support other fieldbus communication technologies
- Specifications independently validated by the ECT organizations
- Provide backward compatibility with existing EDD’s and DTM’s
- Provide guidelines for field device and system developers
- Provide conformance tests to assure compliance
FDI Project Architecture

- Advanced Client Applications – Configuration, Diagnostics, Maintenance
- Based on OPC Unified Architecture (OPC UA) Standard