



**Fieldbus Foundation™**  
Freedom to Choose. Power to Integrate.

## 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**

