

EDDL Cooperation Team and FDT Group

Hannover Fair 2007

Joining Efforts

- March 6, 2007: FDT Group and ECT member organizations agree to work on unified solution for Field Device Integration: FDI
- For that purpose FDT Group will join ECT as a voting member



Front Row: Hans Georg Kumpfmüller (HCF/Siemens), Ron Helson (HCF), Flavio Tolfo (FDT Group), Martin Zielinski (FF/Emerson), Dieter Schaudel (FDT/Endress+Hauser)

Back Row: Edgar Kuester (PNO), Klaus Peter Lindner (FDT/Endress+Hauser), Richard Timoney (FF), Thomas Burke (OPCF), Achim Laubenstein (FDT/ABB)

Not Shown: Hartmut Wuttig (FDT/ABB), Hartmut Wallraf (FDT/Invensys)

Why Do We Start This Cooperation?

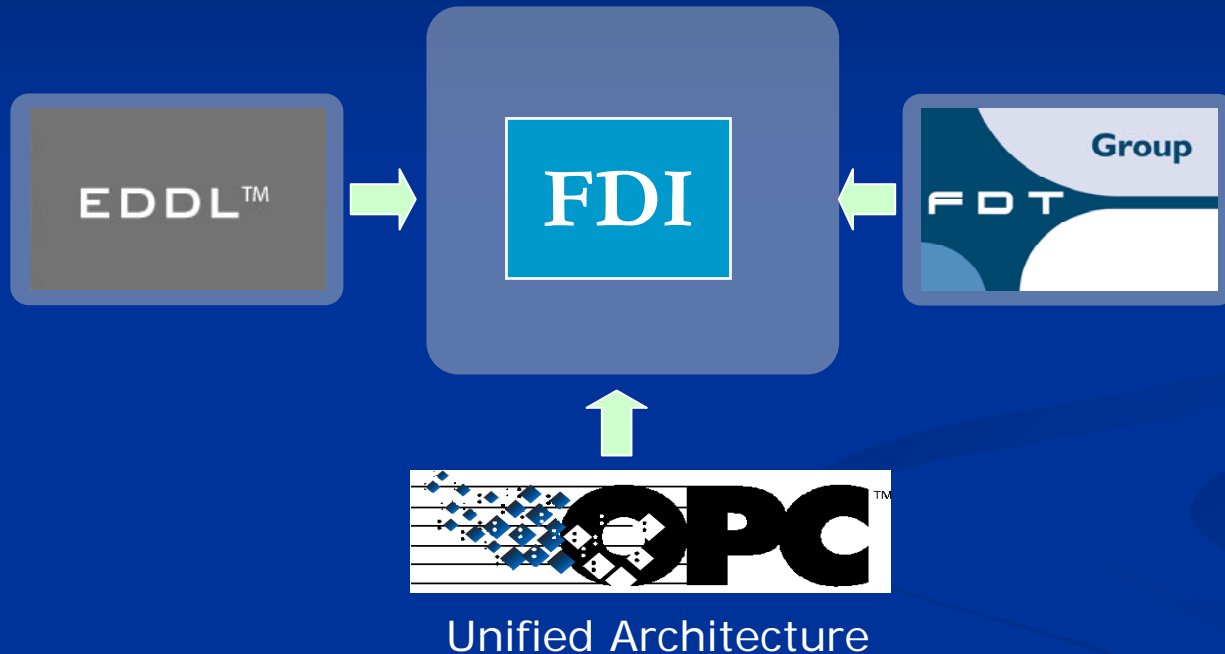
Process Automation End Users ask for a single solution:

- Current FDT and EDDL Technologies with partial overlap cause competitive positioning
- Current situation is confusing because of conflicting messages

Suppliers face expensive development:

- Most suppliers are simultaneously part of ECT organizations and FDT. They must invest in parallel developments for EDDL and FDT.

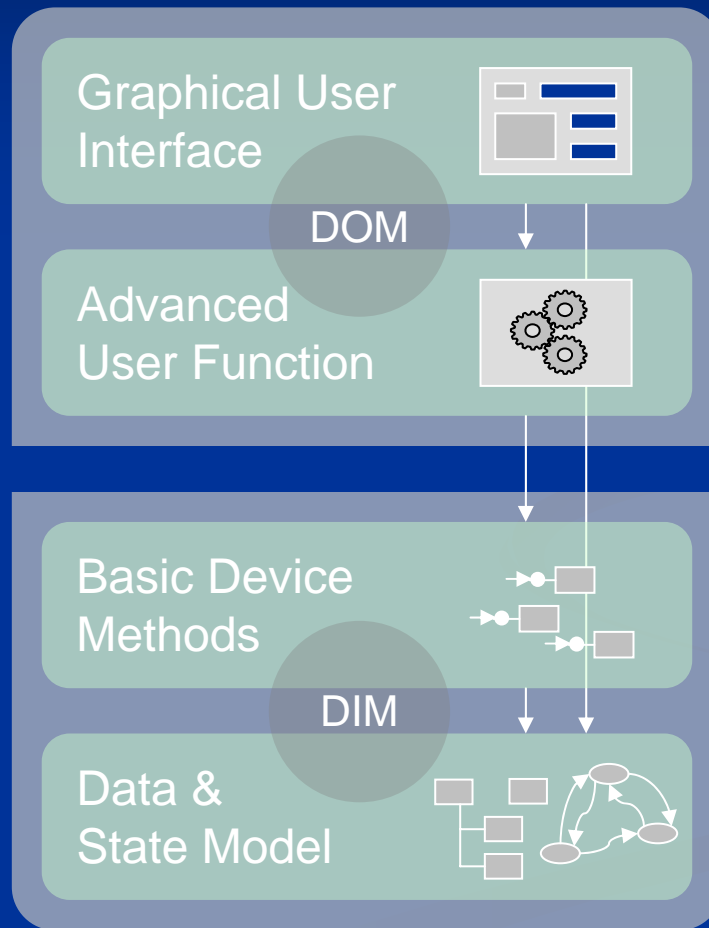
Why Joint Efforts?



Combine the benefits of the technologies into
one common solution

Example

FDI Model : Client Server Architecture



Common FDI Objectives

- Applicable to any field device communication technology
- Applicable for hierarchical and heterogeneous network topologies
- Backwards compatible with existing EDDL based device descriptions and DTMs
- Open specification that will become an international standard
- Platform and operating system independent

FDI Benefits to End Users

- Single and consistent solution irrespective of supplier to achieve interoperability
- Compatibility with installed base
- Shared strategy and development by all suppliers ensures integration of all devices
- Clear technology directions shared by all suppliers end uncertainties

Timing and Ownership

- Technical team will be established to develop specification based on end user use cases
- Goal is to have draft specifications and prototypes developed by the end of 2008
- IEC standardization done jointly
- The member organizations of enlarged ECT will maintain ownership and development of this model