


FDT/DTM concept


...the open solution for device configuration

Endress+Hauser 
People for Process Automation

Slide 1

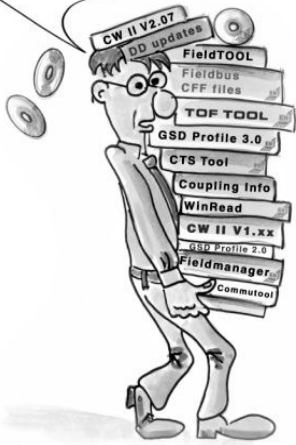
Group

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The situation for the end user


'We can start the device configuration now.'




... and that for only ONE plant!?



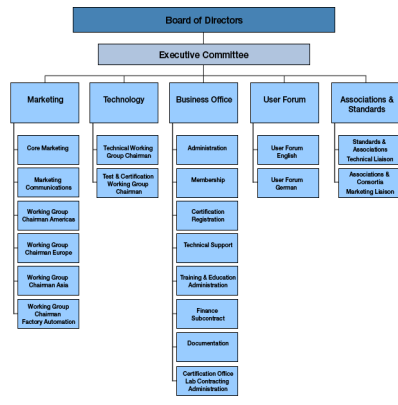
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FDT Group

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- FDT Joint Interest Group formed in 2003 by ABB, E+H, Invensys, Metso Automation and Siemens
- Open – Independent – not for profit organisation
- Collaboration of international companies dedicated to establish an international standard based on Field Device Tool technology
- FDT Group founded in 2005 according to Belgian law as a legally independent organisation
- Consists of Board of Directors, Executive committee and working groups



The organizational chart shows a hierarchy starting with the Board of Directors, followed by the Executive Committee. Below the Executive Committee are five main functional areas: Marketing, Technology, Business Office, User Forum, and Associations & Standards. Each of these areas has several sub-committees or working groups listed below it.

www.fdtgroup.org

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FDT Group members

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A grid of logos for various member companies of the FDT Group, including ABB, APLISSENS, auma, Rexroth, burkert, Chevron, COMSOFT, DE Debern Electronics, DIETZ AUTOMATION, Endress+Hauser, FLOWSERVE, Fuji Electric Systems, hiwinet, hiprom, HITS, Honeywell, ifak system, ifm electronic, invensys, KROHNE, KWI software, M&M, MACTek, Magnetrol, MESCO Engineering, METROVAL, metso automation, MOELLER, MTL Instruments, OMRON, PEPPERL+FUCHS, PETRONAS, PHOENIX CONTACT, ProSoft, PROSYS, Rockwell Automation, rotork, samson, Saudi Aramco, Schneider Electric, SICK, Shell Global Solutions, SIEMENS, smar, sofing, STAHL, VERUNIVERSITÄT DRESDEN, TIF, TOKYO KEISO, TOPWORK, TRENKOR, TURCK, tyco, vacon, VEGA, WAGO, Wapice, welcon, Woodhead, azbil, and YOKOGAWA.

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What is FDT/DTM?

- **FDT** = Field Device Tool (frame application)
 - Follows a published standard specification
- **DTM** = Device Type Manager (device driver)
 - Compatible with any FDT frame application

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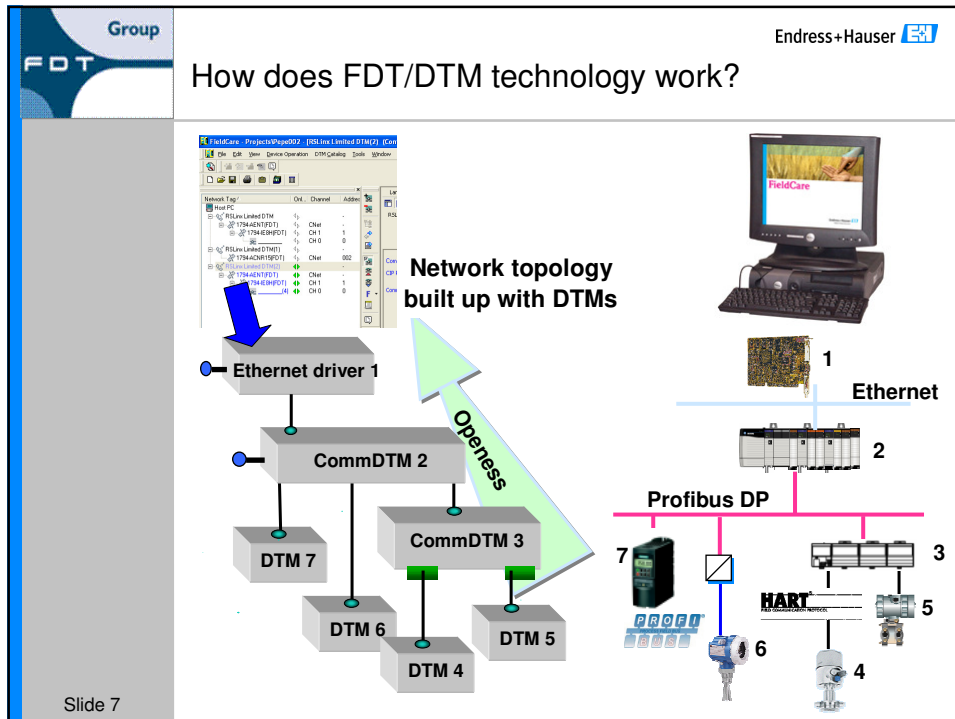
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What is FDT/DTM?

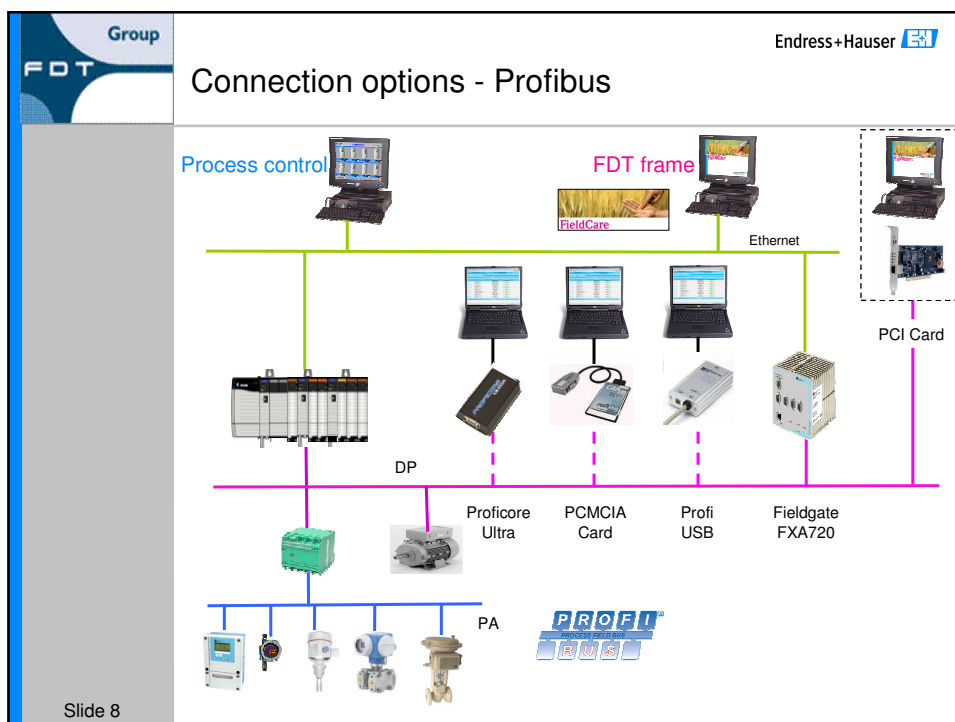
FDT/DTM

- **Open standardised technology**
independent of device or system supplier
- **Independent of device type**
sensor, actuator, remote I/O, drives, etc.
- **Full support of installed base**
- **Full device functionality**
- **Independent of communication protocol**
Ethernet, HART, PROFIBUS, Foundation Fieldbus, etc.
- **Vertical integration by nested communication**

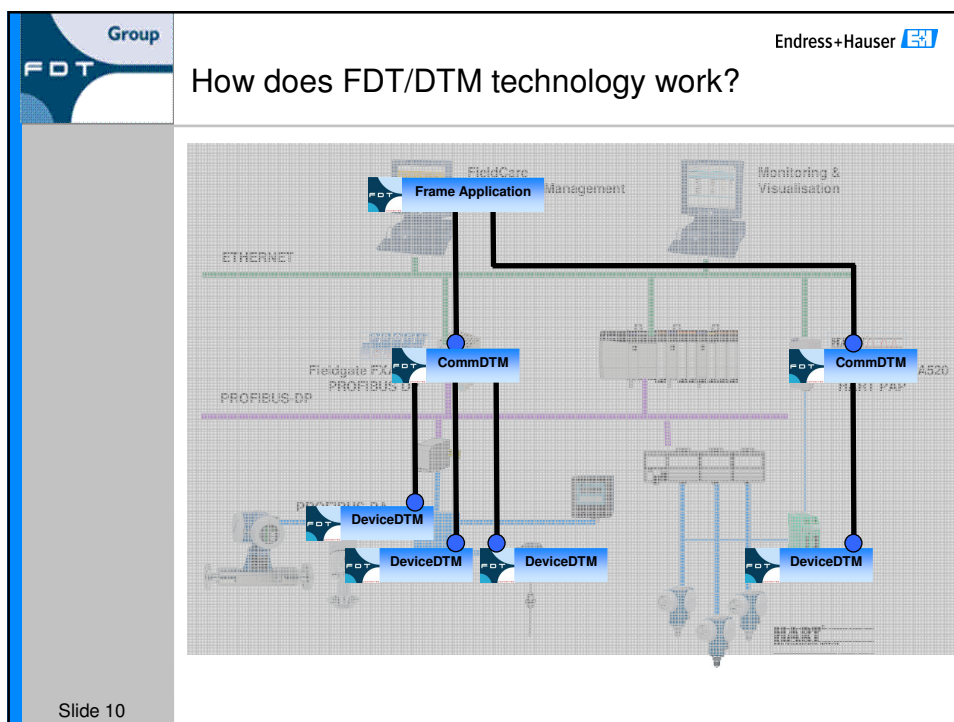
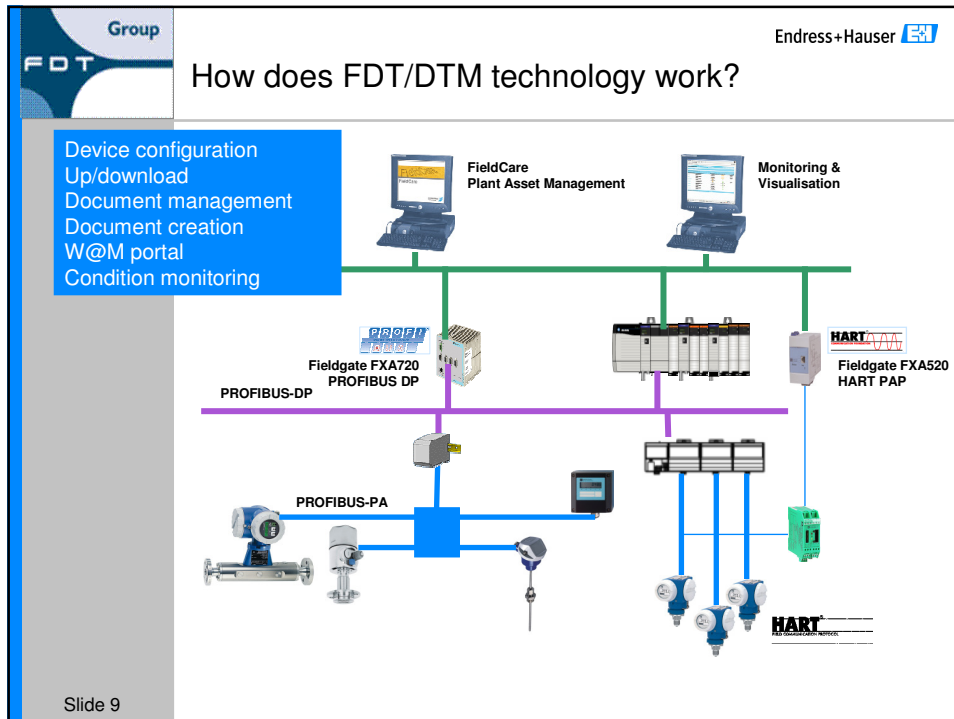
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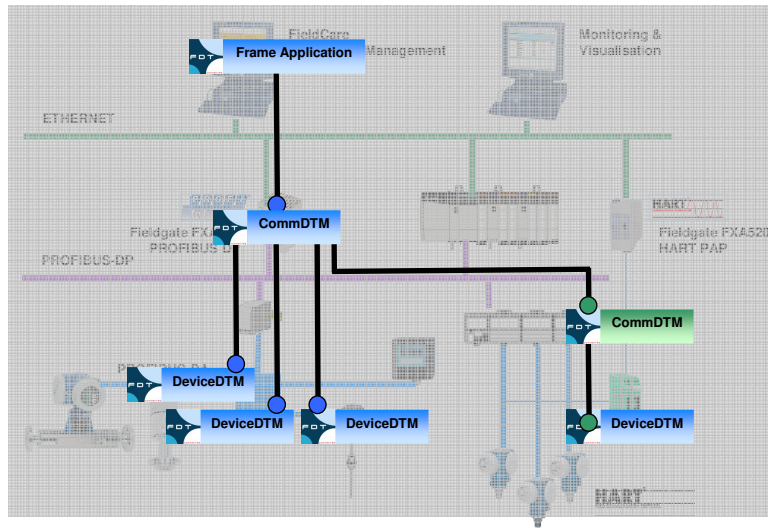
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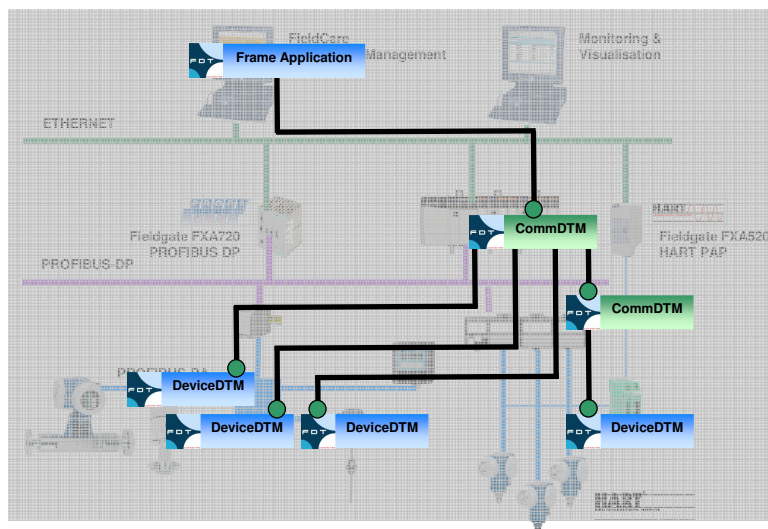


How does FDT/DTM technology work?



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How does FDT/DTM technology work?



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