Configurator

Highlights

- Multi-protocol support
- Stand-alone or embeddable in other engineering tools
- Protocol-neutral process data interface to PLC
- Communication- and device-DTMs for all Hilscher boards
- DD interpreter DTMs for third party field Devices
- Configurable Gateway DTMs with various possible protocol combinations

Vendor and protocol neutral FDT technology is best suitable for an efficient, consistent engineering in the process and factory automation. FDT/DTMs allow for a flexible integration of field devices into various engineering environments.

Hilscher provides with its configuration, commissioning and diagnostic tool SYCON.net an FDT based all-in-one solution. The components are developed by Hilscher engineers with fieldbus know-how. Third party device DTMs fit into SYCON.net seamlessly.

SYCON.net supports a wide spectrum of industrial protocols, eight Fieldbus and all current Real-Time-Ethernet systems and can manage complex heterogeneous network structures. Due to inherent flexibility of the component and FDT technology based SYCON.net we are able to provide scalable and cost effective solutions.
Technical Data/
Product Overview

Application

The components of the Hilscher FDT based all-in-one Solution

netDevice
Hilscher FDT-Container, available stand-alone or embeddable. Field tested in engineering. Tools of various well-known automation companies.

Communication-DTMs
We deliver for all Hilscher master boards communication DTMs for Fieldbus- (AS-Interface, CANopen, DeviceNet, PROFIBUS-DP) and Real-Time-Ethernet systems (EtherCAT, EtherNet/IP, PROFINET, sercos III and VARAN). They all provide a protocol-neutral process data interface for the PLC linkage. The support for FDT Factory Automation Interface is planned.

Device-DTMs
We deliver for all Hilscher slave boards device DTMs for Fieldbus (AS-Interface, CANopen, CC-Link, DeviceNet, PROFIBUS-DP) and Real-Time-Ethernet systems (EtherCAT, EtherNet/IP, Open Modbus TCP, PowerLink, PROFINET, sercos III and VARAN).

DD based generic Device DTMs,
DTMs based on:
GSD / PROFIBUS
GSDML / PROFINET
EDS / CANopen, DeviceNet, EtherNet/IP, AS-Interface
SDDML / sercos III
ESI / EtherCAT
This solution provides a fast and cost effective migration path for the integration of field devices of other vendors in an FDT environment and ensures protection of investments in produced device descriptions.

Configurable Gateway-DTMs, possible protocol combinations:
Real-Time-Ethernet to Fieldbus
Real-Time-Ethernet to Seriel
Fieldbus to Fieldbus
Fieldbus to Seriel
The concept of the configurable Gateway-DTM enables us to reuse already available software components communication and device DTMs.