



Documentations Overview
netHOST
For Users and Developers

Hilscher Gesellschaft für Systemautomation mbH

www.hilscher.com

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1 Introduction

1.1 About this Document

This documentation guide leads you through the delivered netHOST documents and classifies them in purpose and use case.

1.2 List of Revisions

Index	Date	Chapter	Revision
1	2013-10-29	All	Created
2	2014-12-01	All	Documents for Real-Time Ethernet systems added
3	2016-01-14	2.1.1 2.2.1 2.2.2	Paths on netHOST Solutions DVD updated

Table 1: List of Revisions

2 Documentation Overview

This documentation guide leads you through the delivered netHOST documents and classifies them in purpose and use case.

The product netHOST has two types of users

- **users** of ready-to-use application programs, driver, DLL and configuration and diagnostic software,
- **developers** who develop drivers, service programs and configuration software especially for their use case.

Documents for users

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<i>Basic Documents for Installation and Commissioning</i>	5
<i>Documents about configuring the PROFIBUS DP Master</i>	6
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<i>Documents about configuring the PROFINET IO Controller</i>	8
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Documents for developers

Section in this document	Page
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<i>Internal Interface of netHOST Devices</i>	10
<i>TCP/IP Protocol to the netHOST Device</i>	11
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2.1 Documents for Users

Users of a netHOST device are those who

- want to install a device in a plant and do the commissioning,
- want to use the existing configuration software to configure the device,
- want to use an existing application program and want to use the delivered driver DLL to communicate with the device,
- want to test the functions of the device.

2.1.1 Basic Documents for Installation and Commissioning

This section lists basic documents that are relevant for users that want to install and configure the netHOST device.

Title	Contents	Document ID	Path on the netHOST Solutions DVD
User Manual <i>netHOST NHST-T100 – LAN controlled master devices for Fieldbus and Real-Time Ethernet Systems</i>	Installation, commissioning and hardware description of the netHOST devices and other technical data	DOC130401UMxxEN	Documentation\english\2.Hardware\netHOST, Model NHST-T100-xx\netHOST NHST-T100 – LAN controlled master devices UM xx EN.pdf
Operating Instruction Manual <i>Configuration of LAN controlled master devices – netHOST</i>	Configuring, testing, diagnosing and updating firmware of the netHOST devices with existing software	DOC130402OIxxEN	Documentation\english\1.Software\SYCON.net Configuration Software\Configuration of netHOST-Devices OI xx EN.pdf
User Manual <i>Software Installation netHOST Devices</i>	Instructions for installing the USB driver and the SYCON.net configuration software	DOC130501UMxxEN	Documentation\english\4.Installation Instructions\netHOST - Software Installation UM XX EN.pdf
Operating Instruction Manual <i>Ethernet Device Configuration</i>	Instructions on how to assign an IP address to (new) Hilscher devices	DOC050402OIxxEN	Documentation\english\1.Software\Ethernet Device Setup Utility \Ethernet Device Configuration OI XX EN.pdf
User Manual <i>Wiring Instructions</i>	Wiring instructions (cable characteristics) for fieldbus networks	DOC120208UMxxEN	Documentation\english\4.Installation Instructions\Wiring Instructions UM XX EN.pdf

Table 2: Basic Documentation for netHOST

Related examples and software:

Description	Path on the netHOST Solutions DVD
SYCON.net configuration and diagnostic software	Setups & Drivers\SYCON.net\SYCONnet netX setup.exe
netHOST Windows Test Program	For 32-bit systems: Setups & Drivers\netHOST Test\x86 For 64-bit systems: Setups & Drivers\netHOST Test\x64
USB driver	Setups & Drivers\USB Driver\setup.exe
IP address assignment software	Setups & Drivers\Ethernet Device Setup Utility\EnDevConfigTool.msi
Commissioning video - netHOST PROFIBUS DP Master	Training & Podcasts\netHOST Profibus - Commissioning.flv
Inbetriebnahmevideo – Usage of a netHOST in conjunction with the Windows Text Program	Training & Podcasts\netHOST Profibus - Commissioning.flv
Commissioning video – Transfer of acyclic fieldbus services using the netHOST Test Program	Training & Podcasts\netHOST - Dealing with Acyclic Services.flv

Table 3: Examples or Software for Installation and Commissioning

2.1.2 Documents about configuring the PROFIBUS DP Master

You also need the following documents if you are using an NHST-T100-DP/DPM netHOST device:

Title	Contents	Document ID	Path on the netHOST Solutions DVD
Operating Instruction Manual DTM for Hilscher-PROFIBUS DP Master Devices	Description of the configuration dialogs for PROFIBUS DP master devices	DOC070401OIxxEN	Documentation\english\1.Software\SYCON.net Configuration Software\Master Configuration\PROFIBUS DP Master\PROFIBUS DP Master DTM OI xx EN.pdf
Operating Instruction Manual Generic Slave DTM for PROFIBUS DP Slave Devices	Description of the configuration dialogs for PROFIBUS DP slave devices	DOC031001OIxxEN	Documentation\english\1.Software\SYCON.net Configuration Software\Master Configuration\PROFIBUS DP Master\Slave Configuration\PROFIBUS DP Generic Slave DTM OI xx EN.pdf

Table 4: Additional Documentation for netHOST as PROFIBUS DP Master

Related example:

Description	Path on the netHOST Solutions DVD
SYCON.net reference project PROFIBUS DP Master	Supplements & Examples\SYCON.net Sample Projects\NHST-T100-DP_DPM\NHST-T100-DP_DPM.spj

Table 5: Example Configuration of a netHOST as a PROFIBUS DP Master

2.1.3 Documents about configuring the CANopen Master

You also need the following documents if you are using an **NHST-T100-CO/COM** netHOST device:

Title	Contents	Document ID	Path on the netHOST Solutions DVD
Operating Instruction Manual <i>DTM for Hilscher-CANopen Master Devices</i>	Description of the configuration dialogs for CANopen master devices	DOC070402OIxxEN	Documentation\english\1.Software\SYCON.net Configuration Software\Master Configuration\CANopen Master\CANopen Master DTM OI xx EN.pdf
Operating Instruction Manual <i>Generic Slave DTM for CANopen Slave Devices</i>	Description of the configuration dialogs for CANopen slave devices	DOC060203OIxxEN	Documentation\english\1.Software\SYCON.net Configuration Software\Master Configuration\CANopen Master\Slave Configuration\CANopen Generic Slave DTM OI xx EN.pdf

Table 6: Additional Documentation for netHOST as CANopen Master

Related example:

Description	Path on the netHOST Solutions DVD
SYCON.net reference project CANopen Master	Supplements & Examples\SYCON.net Sample Projects\NHST-T100-CO_COM\NHST-T100-CO_COM.spj

Table 7: Example Configuration of a netHOST as a CANopen Master

2.1.4 Documents about configuring the DeviceNet Master

You also need the following documents, if you are using an **NHST-T100-DN/DNM** netHOST device:

Title	Contents	Document ID	Path on the netHOST Solutions DVD
Operating Instruction Manual <i>DTM for Hilscher-DeviceNet Master Devices</i>	Description of the configuration dialogs for DeviceNet master devices	DOC070403OIxxEN	Documentation\english\1.Software\SYCON.net Configuration Software\Master Configuration\DeviceNet Master\DeviceNet Master DTM OI xx EN.pdf
Operating Instruction Manual <i>Generic Slave DTM for DeviceNet Slave Devices</i>	Description of the configuration dialogs for DeviceNet slave devices	DOC041201OIxxEN	Documentation\english\1.Software\SYCON.net Configuration Software\Master Configuration\DeviceNet Master\Slave Configuration\DeviceNet Generic Slave DTM OI xx EN.pdf

Table 8: Additional Documentation for netHOST as DeviceNet Master

Related example:

Description	Path on the netHOST Solutions DVD
SYCON.net reference project DeviceNet Master	Supplements & Examples\SYCON.net Sample Projects\NHST-T100-DN_DNM\NHST-T100-DN_DNM.spj

Table 9: Example Configuration of a netHOST as a CANopen Master

2.1.5 Documents about configuring the PROFINET IO Controller

You also need the following documents if you are using an **NHST-T100-EN/PNM** netHOST device:

Title	Contents	Document ID	Path on the netHOST Solutions DVD
Operating Instruction Manual <i>DTM for Hilscher-PROFINET IO-Controller Devices</i>	Description of the configuration dialogs for PROFINET IO Controller	DOC060302OIxxEN	Documentation\english\1.Software\SYCON.net Configuration Software\Master Configuration\PROFINET IO Controller\PROFINET IO Controller DTM OI xx EN.pdf
Operating Instruction Manual <i>Generic DTM for PROFINET IO Devices</i>	Description of the configuration dialogs for PROFINET IO Devices	DOC060305OIxxEN	Documentation\english\1.Software\SYCON.net Configuration Software\Master Configuration\PROFINET IO Controller\IO Device Configuration\PROFINET IO Generic Device DTM OI xx EN.pdf

Table 10: Additional documentation for netHOST as PROFINET IO Controller

Related example:

Description	Path on the netHOST Solutions DVD
SYCON.net reference project PROFINET IO Controller	Supplements & Examples\SYCON.net Sample Projects\NHST-T100-EN_PNM\NHST-T100-EN_PNM.spj

Table 11: Example Configuration of a netHOST as PROFINET IO Controller

2.1.6 Documents about configuring the EtherCAT Master

You also need the following documents if you are using an **NHST-T100-EN/ECM** netHOST device:

Title	Contents	Document ID	Path on the netHOST Solutions DVD
Operating Instruction Manual <i>DTM for Hilscher EtherCAT Master Device</i>	Description of the configuration dialogs for EtherCAT master devices	DOC080404OIxxEN	Documentation\english\1.Software\SYCON.net Configuration Software\Master Configuration\EtherCAT Master\EtherCAT Master DTM OI xx EN.pdf
Operating Instruction Manual <i>Generic Slave DTM for EtherCAT Slave Devices</i>	Description of the configuration dialogs for EtherCAT slave devices	DOC071202OIxxEN	Documentation\english\1.Software\SYCON.net Configuration Software\Master Configuration\EtherCAT Master\Slave Configuration\EtherCAT Generic Slave DTM OI xx EN.pdf

Table 12: Additional documentation for netHOST as EtherCAT Master

Related example:

Description	Path on the netHOST Solutions DVD
SYCON.net reference project EtherCAT Master	Supplements & Examples\SYCON.net Sample Projects\NHST-T100-EN_ECM\NHST-T100-EN_ECM.spj

Table 13: Example Configuration of a netHOST as EtherCAT Master

2.1.7 Documents about configuring the EtherNet/IP Scanner

You also need the following documents if you are using an **NHST-T100-EN/EIM** netHOST device:

Title	Contents	Document ID	Path on the netHOST Solutions DVD
Operating Instruction Manual <i>DTM for EtherNet/IP Scanner Devices</i>	Description of the configuration dialogs for EtherNet/IP Scanner devices	DOC061201OIxxEN	Documentation\english\1.Software\SYCON.net Configuration Software\Master Configuration\EtherNetIP Scanner\EtherNetIP Scanner DTM OI xx EN.pdf
Operating Instruction Manual <i>Generic, Modular Generic DTM from EDS File for non-modular and modular EtherNet/IP Adapter Devices</i>	Description of the configuration dialogs for EtherNet/IP Adapter devices from EDS file	DOC100221OIxxEN	Documentation\english\1.Software\SYCON.net Configuration Software\Master Configuration\EtherNetIP Scanner\Adapter Configuration\EtherNetIP Generic Adapter DTM EDS OI xx EN.pdf
Operating Instruction Manual <i>Generic DTM for EtherNet/IP Adapter Devices and Modular Generic DTM for modular EtherNet/IP Adapter Devices</i>	Description of the configuration dialogs for EtherNet/IP Adapter devices	DOC070203OIxxEN	Documentation\english\1.Software\SYCON.net Configuration Software\Master Configuration\EtherNetIP Scanner\Adapter Configuration\EtherNetIP Generic Adapter DTM OI xx EN.pdf

Table 14: Additional documentation for netHOST as EtherNet/IP Scanner

Related example:

Description	Path on the netHOST Solutions DVD
SYCON.net reference project EtherNet/IP Scanner	Supplements & Examples\SYCON.net Sample Projects\NHST-T100-EN_EIM\NHST-T100-EN_EIM.spj

Table 15: Example Configuration of a netHOST as EtherCAT Master

2.2 Documents for Developers

Developers of a netHOST device are those who

- want to implement the TCP/IP based Ethernet Transmission protocol from/to a netHOST device themselves in the own target system
- want to extend their own configuration tool with netHOST specific configuration capabilities
- want to use the XML2NXD converter to convert XML configuration files into binary NXD configuration files to configure a netHOST non-volatile
- want to assign a temporary IP address to a netHOST
- want to use the provided communications DLL for Windows based communications with a netHOST device

2.2.1 Internal Interface of netHOST Devices

netHOST devices contain an internal memory area which we call a (virtual) dual-port memory whose data layout is arranged like the real physical dual-port memory interface of our standard fieldbus or RTE PC cards. This memory contains the process data of the underlying bus system and its corresponding mailboxes for acyclic messages based data transfer of the respective fieldbus or RTE protocol.

The application may access to this area 'from remote' using read or write services over an API interface. The abstraction of this interface we call 'CIFX API'. 'CIF' is a shortcut for **Communication InterFace**.

Related documents:

Title	Contents	Document ID	Path on the netHOST Solutions DVD
Programming Reference Guide <i>CIFX API</i>	Description of the functions of the Windows DLL netXtransport.dll	DOC121201PRxxEN	Documentation\english\3.For Programmers\1.Communication Interface DLL API\cifX API PR xx EN.pdf
<i>Dual-Port Memory Interface</i>	Common description of the Dual-Port Memory	DOC060302DPMxxEN	Documentation\english\3.For Programmers\3.Shared Memory Interface\netX Dual-Port Memory Interface DPM xx EN.pdf

Table 16: Description of the internal Interface of netHOST Devices

Related examples and software:

Description	Path on the netHOST Solutions DVD
netXTransport.dll , ready to use communication DLL for Windows	For 32-bit systems: Setups & Drivers\netHOST Test\x86 For 64-bit systems: Setups & Drivers\netHOST Test\x64
netXTransport dll and connectors in Source code (for 32 and 64-bit systems)	Programming & Development\Developing own remote accessing Applications\netXTransport Protocol DLL
Win 32/64 Test Program for the API of the netXtransport.dll including C++ source code	Programming & Development\Developing own remote accessing Applications\netXTransport Protocol DLL\DLLProject\netHOST

Table 17: Examples or Software of the internal Interface of netHOST Devices

2.2.2 TCP/IP Protocol to the netHOST Device

During the communication between an application program and a netHOST there are TCP/IP coded services exchanged. A functional unit on the application side has to take care of the coding of the services while on the netHOST side they are decoded and executed remotely. Those services are all accessing the (virtual) dual-port memory of a netHOST.

For the access a developer may use the ready-to-use DLL under Windows based systems or the C-Toolkit including the service coding in source code on top of TCP/IP under Linux or any embedded system for a self implementation.

Related documents:

Title	Contents	Document ID	Path on the netHOST Solutions DVD
Program Reference Guide <i>netX Diagnostic and Remote Access</i>	Fundamentals about the remote access over Ethernet	DOC090703PRxxEN	Documentation\english\3.For Programmers\0.Understanding the Remote Access Principle\netX Diagnostic and Remote Access - Fundamentals PR xx EN.pdf
Program Reference Guide <i>netX Diagnostic and Remote Access</i>	Explanations about the development of remotely accessing applications.	DOC100407PRxxEN	Documentation\english\3.For Programmers\0.Understanding the Remote Access Principle\netX Diagnostic and Remote Access - Host Device PR xx EN.pdf
Programming Reference Guide <i>netX Diagnostic and Remote Access</i>	Description of the C-Toolkit for implementation under Linux and MS-Windows console applications	DOC130704PRGxxEN	Documentation\english\3.For Programmers\2.C-Toolkit Programming Reference Guide\netX Diagnostic and Remote Access - netXTransport Toolkit PR xx EN.pdf

Table 18: Documentations about the TCP/IP Protocol to the netHOST Device

Related examples and software:

Description	Path on the netHOST Solutions DVD
Reference implementation of the transport protocol under Linux and as Windows console application	Programming & Development\Developing own remote accessing Applications\netXTransport Protocol C-Toolkit

Table 19: Examples or Software for the TCP/IP Protocol of the netHOST Device

2.2.3 Bus specific interface of the underlying Fieldbus or RTE System

The interface to the underlying fieldbus or RTE system is being built by the cyclic process data area and the acyclic services which are used just on demand.

The access to the process data area is standardized for all fieldbus systems as a direct memory access. The bus specific services whereas are different in their parameters and characteristics and implemented differently. This is why those services are documented in discrete manuals.

Related documents:

Title	Contents	Document ID	Path on the netHOST Solutions DVD
Protocol API <i>PROFIBUS DP-Master</i>	Description of the fieldbus specific interface of the PROFIBUS DP-Masters	DOC061001APIxxEN	Documentation\english\3.For Programmers\4.Fieldbus Protocol specific APIs\PROFIBUS DP Master Protocol API xx EN.pdf
Protocol API <i>CANopen Master</i>	Description of the fieldbus specific interface of the CANopen-Masters	DOC070501APIxxEN	Documentation\english\3.For Programmers\4.Fieldbus Protocol specific APIs\CANopen Master Protocol API xx EN.pdf
Protocol API <i>DeviceNet Master</i>	Description of the fieldbus specific interface of the DeviceNet-Masters	DOC080301APIxxEN	Documentation\english\3.For Programmers\4.Fieldbus Protocol specific APIs\DeviceNet Master Protocol API xx EN.pdf
Protocol API <i>PROFINET IO-Controller</i>	Description of the specific interface of the PROFINET IO-Controller	DOC050901APIxxEN	Documentation\english\3.For Programmers\4.Communication Protocol specific APIs\PROFINET IO Controller Protocol API xx EN.pdf
Protocol API <i>EtherCAT Master</i>	Description of the specific interface of the EtherCAT-Master	DOC110506APIxxEN	Documentation\english\3.For Programmers\4.Communication Protocol specific APIs\EtherCAT Master V3 Protocol API xx EN.pdf
Protocol API <i>EtherNet/IP Scanners</i>	Description of the specific interface of the EtherNet/IP Scanner	DOC050702APIxxEN	Documentation\english\3.For Programmers\4.Communication Protocol specific APIs\EtherNetIP Scanner Protocol API xx EN.pdf

Table 20: Description of the bus specific interface of the underlying Fieldbus

2.2.4 Assigning the IP Address using the netIdent Protocol

At delivery times a fresh netHOST device has no IP address and reports the address 0.0.0.0.

This is why a netHOST device needs an IP address prior any further IP based communication. A special UDP based telegram is able to reconfigure the IP address of a netHOST.

The protocol that is used for changing the IP address of Hilscher devices is called 'netIdent'. Whenever netIdent is used to set the IP address the assigned address will not be permanent and will be set only temporarily. Only a subsequent configuration across SYCON.net or a user application over a binary configuration file is able to set the IP address statically.

Related documents:

Title	Contents	Document ID	Path on the netHOST Solutions DVD
Protocol Interface <i>netIdent Protocol</i>	Description of the UDP netIdent protocols for setting a temporary IP address	-	Documentation\english\3.For Programmers\6.Ethernet Device Scanning UDP Protocol\netIdent Protocol API 04 EN.pdf

Table 21: Description of setting the IP Address temporarily

Related examples and software:

Description	Path on the netHOST Solutions DVD
IP address assigning software	Setups & Drivers\Ethernet Device Setup Utility\EnDevConfigTool.msi

Table 22: Examples or Software to set the IP Address temporarily

2.2.5 XML based Configuration of a netHOST (without SYCON.net)

Usually the configuration tool SYCON.net is used for a non-volatile netHOST configuration. But any other application program is able to use the same configuration mechanisms as well to configure a netHOST in the same manner.

For a non-volatile netHOST configuration binary configuration files are needed following a special format (NXD files). Those files are stored in the device non-volatile when they are downloaded to the device's file system. After every power up cycle a netHOST checks for their presence and configures itself in accordance to their content if found.

The NXD file format is proprietary and disclosed. In order to generate an NXD file an XML file has to be composed first containing all the necessary parameters and configuration data, to convert it afterwards with an XML to NXD converter DLL into the corresponding NXD file.

Related documents:

Title	Contents	Document ID	Path on the netHOST Solutions DVD
Programming Reference Guide <i>Configuring netHOST Devices</i>	Procedure of how to configure a netHOST without SYCON.net	DOC130513PRGxxEN	Documentation\english\3.For Programmers\5.Configuration without SYCON.net, XML file based\Configuring netHOST Devices Using the API PRG xx EN.pdf
Specification <i>Hilscher Database</i>	General description of the XML database formar	DOC130601SPCxxEN	Documentation\english\3.For Programmers\5.Configuration without SYCON.net, XML file based\Generic XML Schema\Hilscher Database XML Schema SPC xx EN.pdf

Table 23: Description and Procedure of how to configure without SYCON.net

Related examples and software:

Description	Path on the netHOST Solutions DVD
General Hilscher XML database schema	Programming & Development\Configuration without SYCON.net, XML file based\Generic XML Configuration Schema\HilscherDatabaseSchema.xml

Table 24: Example or Software of the general XML Database Schema

For any supported fieldbus there exists a special XML schema in order to allow a proper conversion to an NXD file. Multiple NXD files configure a single netHOST device properly.

Related documents:

Title	Contents	Document ID	Path on the netHOST Solutions DVD
Specification <i>PROFIBUS DP Master Configuration</i>	Description of the XML schema for a PROFIBUS DP Masters	DOC130604SPCxxEN	Documentation\english\3.For Programmers\5.Configuration without SYCON.net, XML file based\Protocol Specific XML Schemata\PROFIBUS DP Master Schema\PROFIBUS DP Master Configuration XML Schema SPC xx EN.pdf
Specification <i>CANopen Master Configuration</i>	Description of the XML schema for a CANopen Masters	DOC130606SPCxxEN	Documentation\english\3.For Programmers\5.Configuration without SYCON.net, XML file based\Protocol Specific XML Schemata\CANopen Master Schema\CANopen Master Configuration XML Schema SPC xx EN.pdf
Specification <i>DeviceNet Master Configuration</i>	Description of the XML schema for a DeviceNet Masters	DOC130619SPCxxEN	Documentation\english\3.For Programmers\5.Configuration without SYCON.net, XML file based\Protocol Specific XML Schemata\DeviceNet Master Schema\DeviceNet Master Configuration XML Schema SPC xx EN.pdf
Specification <i>TCP/IP Configuration</i>	Description of the XML schema for a TCP/IP channels	DOC130602SPCxxEN	Documentation\english\3.For Programmers\5.Configuration without SYCON.net, XML file based\Protocol Specific XML Schemata\TCP IP Configuration Schema\TCP IP Configuration XML Schema SPC xx EN.pdf

Table 25: Description of the bus specific XML Database Schema

Related examples and software:

Description	Path on the netHOST Solutions DVD
Bus specific XML templates for PROFIBUS DP Master	Programming & Development\Configuration without SYCON.net, XML file based\Protocol Specific XML Templates\PROFIBUS DP Master\PROFIBUS DP Master Bus Parameters.xml Programming & Development\Configuration without SYCON.net, XML file based\Protocol Specific XML Templates\PROFIBUS DP Master\PROFIBUS DP Master Global Settings.xml
Bus specific XML templates for CANopen Master	Programming & Development\Configuration without SYCON.net, XML file based\Protocol Specific XML Templates\CANopen Master\CANopen Master Bus Parameters Extended.xml Programming & Development\Configuration without SYCON.net, XML file based\Protocol Specific XML Templates\CANopen Master\CANopen Master Bus Parameters.xml Programming & Development\Configuration without SYCON.net, XML file based\Protocol Specific XML Templates\CANopen Master\CANopen Master Global Settings.xml
Bus specific XML templates for DeviceNet Master	Programming & Development\Configuration without SYCON.net, XML file based\Protocol Specific XML Templates\DeviceNet Master\DeviceNet Master Bus Parameters.xml Programming & Development\Configuration without SYCON.net, XML file based\Protocol Specific XML Templates\DeviceNet Master\DeviceNet Master Global Settings.xml

Table 26: Examples and Software related to the bus specific XML Database Schema

Using the XML2NXD.DLL an XML file can be converted into a NXD file. The different resulting NXD files can be downloaded one after another into a netHOST. This process replaced the configuration with SYCON.net configuration software.

Related documents:

Title	Contents	Document ID	Path on the netHOST Solutions DVD
API <i>XML2NXD</i>	API description of the XML to NXD file converter and its usage	DOC130801APIxxEN	Documentation\english\3.For Programmers\5.Configuration without SYCON.net, XML file based\XML2NXD converter DLL API\XML2NXD API xx EN.pdf

Table 27: Description of the Programming Interface of the XML2NXD Converter

Related examples and software:

Description	Path on the netHOST Solutions DVD
XML2NXD.dll XML to NXD file converter DLL	Programming & Development\Configuration without SYCON.net, XML file based\XML2NXD Converter DLL\XML2NXD.dll
XML2NXD file converter DLL test program incl. source code and XML examples	Supplements & Examples\XML2NXD Converter - Test Application (WPF) with Source Code\XML2NXD Converter - Test Application.sfx.exe

Table 28: Examples and Software related to the usage of the XML2NXD Converter

3 Appendix

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