

Getting Started - Communication Solution DVD 2021-03-2

Software Installation

cifX Device Driver & Device Driver Toolkit

Install the **cifX device driver** on your host system to gain access to the cifX card.

→ ...\\Driver_&_Toolkit\\Device Driver (NXDRV-WIN)\\Installation\\cifX Device Driver Setup.exe

Or develop your own **device driver** to gain access to the cifX, comX or netJACK

→ ...\\Driver_&_Toolkit\\ Driver Toolkit (NXDRV-TKIT)

USB diagnostic driver

Install the **USB diagnostic drivers** to gain access to comX or netJACK via USB

→ ...\\ Driver_&_Toolkit\\netX Diagnostics and Remote Access (NXDIAG)\\netX10 USB Driver for Windows\\V6.0.9.0\\setup.exe

→ ...\\ Driver_&_Toolkit\\netX Diagnostics and Remote Access (NXDIAG)\\netX USB CDC Drivers for Windows\\netX50_51_52_100_4x000\\setup.exe

→ ...\\ Driver_&_Toolkit\\netX Diagnostics and Remote Access (NXDIAG)\\netX USB CDC Drivers for Windows\\netX51_52_4000_4100_Dummy\\setup.exe

Configuration Tool SYCON.net

Install **SYCON.net** to load a communication firmware into cifX, comX or netJACK and to set up a network configuration

→ ...\\Software_&_Tools\\Configuration_Software\\SYCON.net...

netPROXY Engineering Tool netXStudio

Install **netXStudio** to create own OPC UA / MQTT objects for comX 51-IOT firmware

→ ...\\Software_&_Tools\\Configuration_Software\\netXStudio...

Auxiliary Tool: netHOST

Install **netHOST** to easily load a communication firmware into cifX, comX or netJACK and to test your configured network communication.

→ ...\\Software_&_Tools\\Tools\\netHost...

First Steps

1. Install the above mentioned software components.
2. Mount the Hilscher product into the system, e.g. PC or evaluation board.
(Please ensure power supply, host interface access & USB diagnostic access)
3. Download a firmware from the Product DVD into the Hilscher product using **SYCON.net** or the auxiliary tool **netHOST**. (comX and netJACK always come preloaded and this step is only needed for a firmware update)
4. Set up a network configuration via **SYCON.net**
5. Download the configuration into the product and start the communication.
6. Optional: Check data exchange with “**cifXTest**” utility, which is installed in the Windows Control Panel and ...\\Program Files\\cifX Device Driver with the **cifX Device Driver** (NXDRV-WIN). Alternatively you can use the auxiliary tool **netHOST**.
7. Connect the application.

Firmware

For full support with the Hilscher tool chain, the minimum firmware listed on this Product DVD has to be used. For the latest version, please visit the Hilscher Knowledge Base regularly.

Documentation

Documentation for all hard- and software components included in this Product DVD is available on the path: ...\\Documentation\\...
The Documentation Library on the Hilscher Knowledgebase includes further documents:
<https://kb.hilscher.com/display/DL/Documentation+Library+Home>

Support

In case of questions, please do not hesitate to get in touch with your local Hilscher Support.

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