

# INCOSOL HFB [Hilscher Fieldbuses]

## OPC DA AND UA SERVER FOR FIELDBUSES

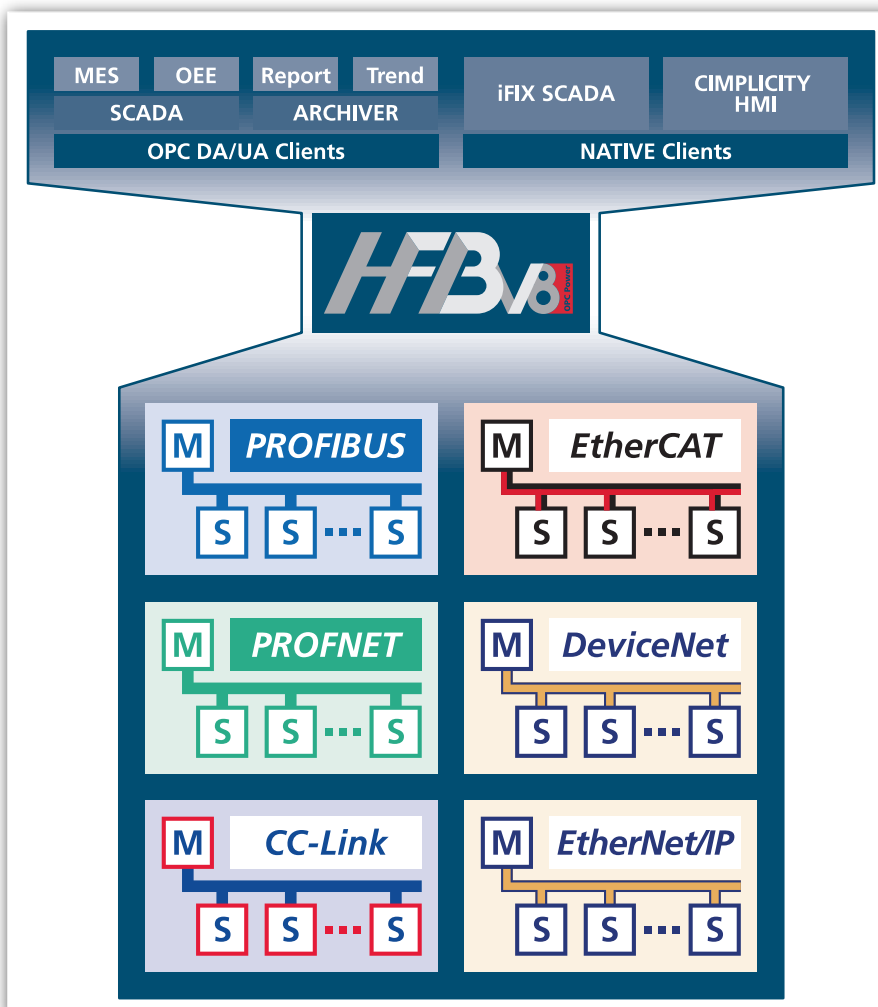
Utilize the INCOSOL HFB OPC Server as a fieldbus master or slave using corresponding Hilscher fieldbus cards or Gateways. We support all Hilscher CIF cards in the PCI format or CIFX cards in the PCI oder PCI express format.

Fieldbus couplings which do not support PC cards (in virtualized systems, for example) can be replaced by Hilscher NetHOST gateways. The communication between the HFB OPC server and the NetHost gateway takes place through the Ethernet TCP protocol.

Parallel operation (various fieldbus protocols) is optional with up to 4 PC cards or NetHOST gateways.

The INCOSOL HFB OPC server is standing the test on a daily basis as the go-to high performance communication solution in regard to fieldbus protocols.

**The specialized solution for the fieldbus protocols PROFIBUS, PROFINET, EtherCAT, EtherNet/IP, DeviceNet and CC-Link with Hilscher CIF/CIFX cards and NetHOST gateways.**



### You have questions?

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### INCOSOL

industrial communication solutions

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### INCOSOL HFB:

#### At a glance

- Supports the fieldbus protocols PROFIBUS, PROFINET, EtherCAT, EtherNet/IP, DeviceNet and CC-Link
- Compatible with Hilscher fieldbus cards CIFX and CIF, in the PCI or PCI express format and NetHOST fieldbus gateways.
- Can be used as an OPC server and iFIX/Cimplicity driver at the same time
- Parallel operation (various fieldbus protocols) is optional with up to 4 PC cards or NetHOST gateways.
- High performance due to block orientated communication
- Addressing of I/O data sections on client sites possible via physical or symbolic addressing
- Simulation mode allows testing and initial setup of the OPC client application without fieldbus hardware (PC card and/or fieldbus participant)

### INCOSOL HFB:

#### Licensing and Support

- One-time licensing via USB Dongle, license file or the Hilscher PC card
- Unlimited right of use
- Maintenance agreement including complimentary updates
- Ongoing development and long-term support
- Personal communication with the developer

### INCOSOL HFB:

#### Usage on a daily basis with

- AstraZeneca
- Bosch
- Ideal Standard
- RWE
- Schott
- Wärtsilä

As well as numerous other companies throughout the world!

The specialized solution for the fieldbus protocols **PROFIBUS, PROFINET, EtherCAT, EtherNet/IP, DeviceNet and CC-Link** with Hilscher CIF/CIFX cards and NetHOST gateways.



## INCOSOL HFB: Technical Features

### Supported Fieldbus Protocols

- PROFIBUS DP (Master and Slave), FDL and FMS (FMS requires CIF50-PB)
- PROFINET (I/O Controller and I/O Device)
- EtherCAT (Master and Slave)
- EtherNet/IP (Scanner and Adapter)
- DeviceNet (Master and Slave)
- CC-Link (Slave)

### Supported Software and Interface

- Runs with Windows 7, 8, 10 (even IoT), Server 2016 and Server 2019
- OPC DA and UA<sup>1</sup> Server
- iFIX - all versions up to 6.5
- Cimplicity HMI - versions 10.0 and 11.00
- All HMI/SCADA systems that provide an OPC DA/UA client interface

### Supported Hilscher Hardware

- CIF 50-PB PROFIBUS DP Master and Slave; PROFIBUS FMS
- CIFX 50-DP and CIFX50E-DP for PROFIBUS DP Master, Slave and FDL
- NetHOST-DP/DPM for PROFIBUS DP Master and FDL
- CIFX 50-RE and CIFX50E-RE for PROFINET, EtherCAT and EtherNet/IP
- NetHOST-EN for PROFINET, EtherCAT and EtherNet/IP
- CIFX 50-DN and CIFX50E-DN for DeviceNet Master, Slave
- CIFX 50E-CCIES for CC-Link Slave

1) OPC UA starting the 3th quarter of 2021.

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