

Gateway Ethernet/Powerlink



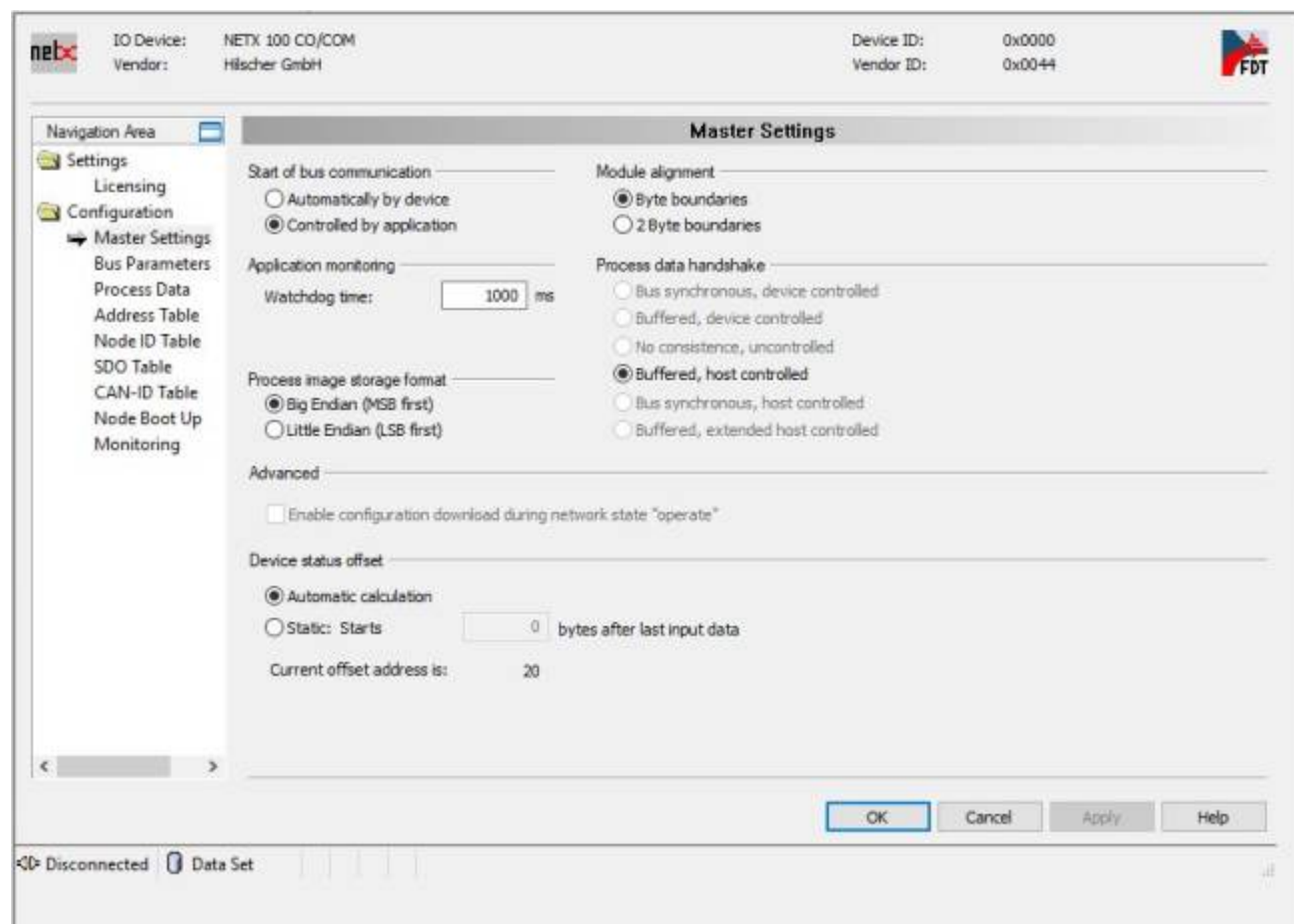
Questa pagina descrive il **gateway Ethernet/Powerlink** per controllare i motori lineari integrati da un PLC master Ethernet/Powerlink.

Per controllare il motore lineare integrato con un PLC master Ethernet/Powerlink, è possibile usare una soluzione gateway standard.

Il motore NLi deve essere aggiornato con il Firmware PDO esteso. Contatta NILAB per il firmware corretto.

Gateway Hilscher NETX 100 Ethernet/Powerlink to CANopen

Le immagini sotto mostrano il gateway e la configurazione per l'integrazione.



net

IO Device: NETX 100 CO/COM
Vendor: Hilscher GmbH

Device ID: 0x0000
Vendor ID: 0x0044

FDT

Navigation Area

Settings

Licensing

Configuration

Master Settings

Bus Parameters

Process Data

Address Table

Node ID Table

SDO Table

CAN-ID Table

Node Boot Up

Monitoring

Bus Parameters

Device description: X20IF1041_1a

Node settings

Node ID: 1

Baud rate: 1 MBit/s

☐ Stop in case of monitoring error

☒ Send "Global Start Node"

29 Bit COB-ID

☐ Enable 29 bit COB-ID

Bit 28... Bit 0

Acceptance mask: 00 00 00 00

Acceptance code: 00 00 00 00

SYNC Master Settings

COB-ID: 128

Cycle Period: 32 ms

OK

Cancel

Apply

Help

Disconnected

Data Set

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Display mode: Hexadecimal

CSV Export

Inputs:

Node ID	Device	Name	Obj. Idx	Obj. Name	COB-ID	Type	Length	Address
0x02	NU (NU_integrated NU (NU_integrated_motor_ex	0x1800 TPDO communication param	0x0182	IB	0x0008	0x0000		
0x02	NU (NU_integrated NU (NU_integrated_motor_ex	0x1801 TPDO communication param	0x0282	IB	0x0008	0x0008		
0x02	NU (NU_integrated NU (NU_integrated_motor_ex	0x1802 TPDO communication param	0x0382	IB	0x0004	0x0010		

Outputs:

Node ID	Device	Name	Obj. Idx	Obj. Name	COB-ID	Type	Length	Address
0x02	NU (NU_integrated NU (NU_integrated_motor_ex	0x1400 RPDO communication param	0x0202	GB	0x0008	0x0000		
0x02	NU (NU_integrated NU (NU_integrated_motor_ex	0x1401 RPDO communication param	0x0302	GB	0x0008	0x0008		
0x02	NU (NU_integrated NU (NU_integrated_motor_ex	0x1402 RPDO communication param	0x0402	GB	0x0004	0x0010		

OK

Cancel

Apply

Help

Disconnected

Data Set

Note

- Il gateway converte la comunicazione master Ethernet/Powerlink in CANopen per il motore. - Il firmware del motore deve supportare il mapping PDO esteso; contatta NILAB per ottenere il firmware corretto. - Segui la configurazione gateway mostrata sopra per la configurazione dell'asse. - Fai riferimento alla pagina CANopen per il mapping PDO e i parametri di comunicazione.

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