

Projected Time Synchronisation with *IBH Link S7++* / *IBH Link S7++ HS*

Within IBH Link setting Routing has to be activated :

IBHLink settings - 00021651 MAC: 00-02-A2-20-9F-F0

Network MPI/Profibus Time synchronisation Firmware Diagnostics

Address settings:

Network name: n150mpi_21651

IP-Address: 192 . 168 . 10 . 126 ☒ Static

Subnet mask: 255 . 255 . 255 . 192 ☐ DHCP

Gateway: 0 . 0 . 0 . 0 ☐ Boot-P

☐ IBHNet port (Port 1099 is always active): 0

Authentication

Username: admin

Password: xxxxxx

Change password

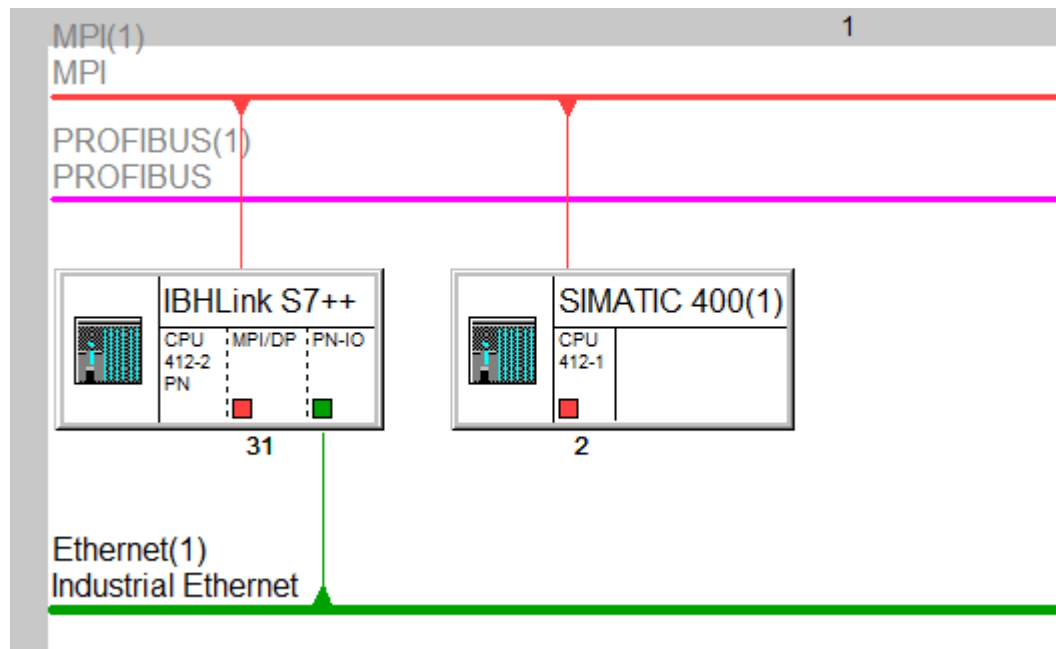
Routing options

☒ Configuration with NetPro

Save permanently Cancel

The **IBHLink S7++** / **IBH Link S7++HS** is engineered as PLC station in NetPro and networked via MPI® or Profibus with the PLC.

MLFB: 6ES7 412-2EK06-0AB0 V6.0 in Rack 0, Steckplatz 2



The IP and MPI/Profibus addresses need to be set equal to the addresses within the **IBH Link S7++ / S7++ HS**.

Properties - MPI/DP - (R0/S2.2)

General | Addresses | Operating Mode | Configuration | Clock

Short Description: MPI/DP

Name: MPI/DP

Interface

Type: MPI

Address: 31

Networked: Yes

Properties...

Comment:

OK Cancel Help

Properties - PN-IO (R0/S2.5)

Media Redundancy | Time-of-Day Synchronization | Options

General | Addresses | PROFINET | I-Device | Synchronization

Short description: PN-IO

Device name: PN-IO

☐ Use different method to obtain device name

☒ Support device replacement without exchangeable medium

Interface

Type: Ethernet

Device number: 0

Address: 192.168.10.126

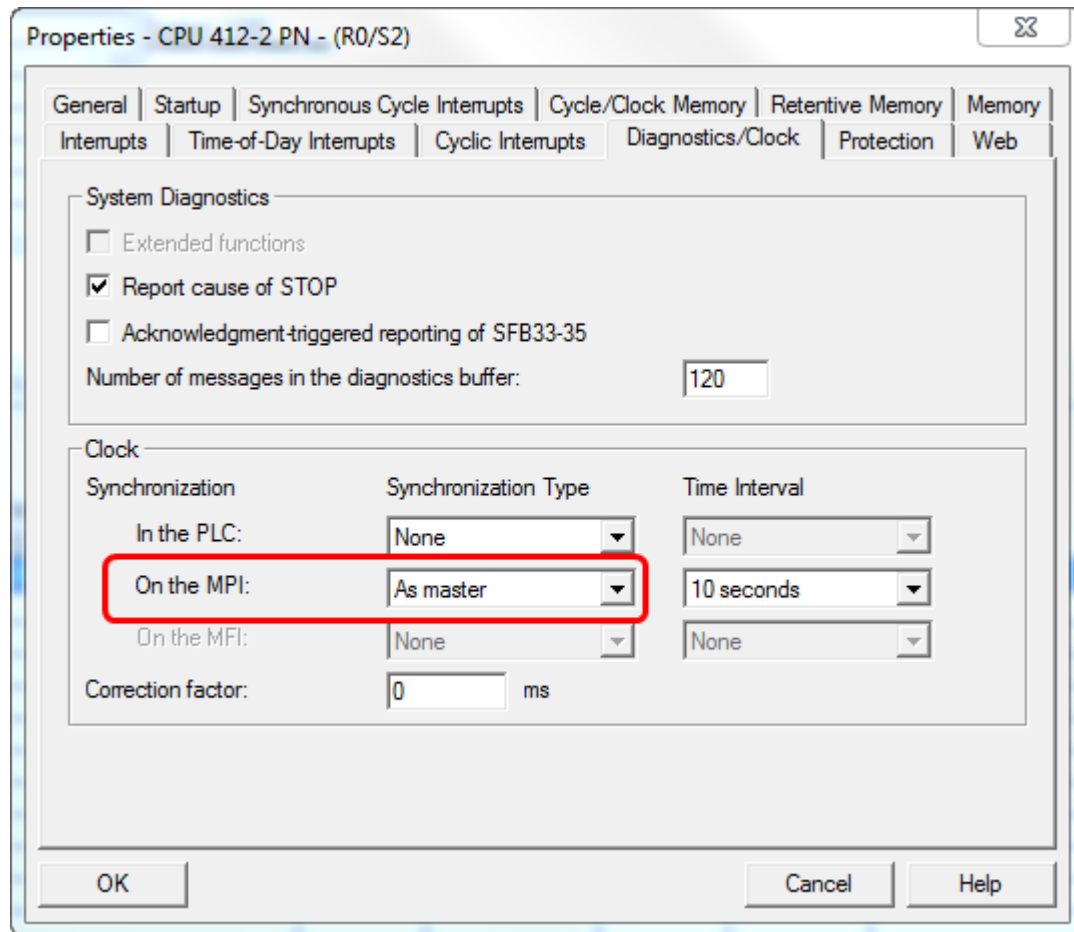
Networked: Yes

Properties...

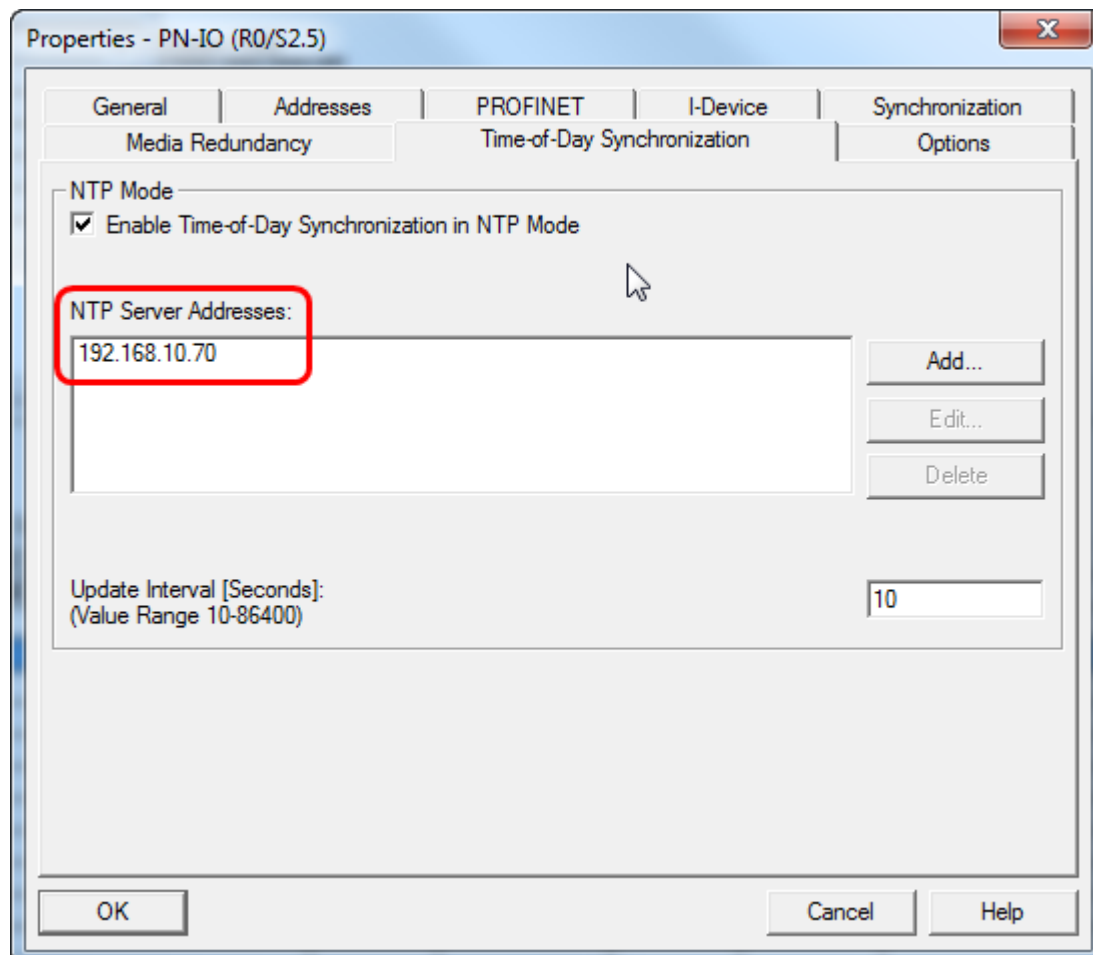
Comment:

OK Cancel Help

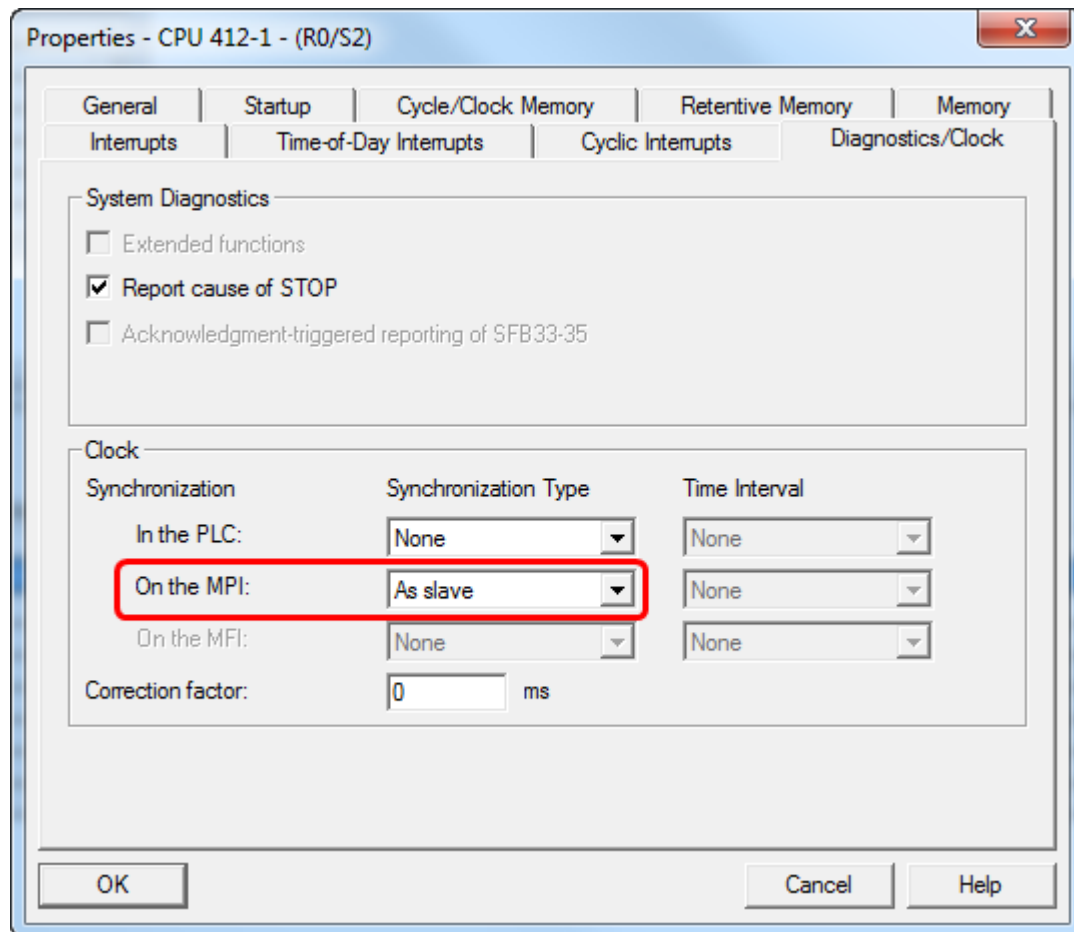
Set the Synchronisation <On the MPI> to Master:



The selected NTP(Network Time Protocol) Server must be reachable.



Within the properties of the networked PLC you have to set up the synchronisation as follows:



The Network project needs to be loaded in the **IBH Link S7++/ IBH Link S7++HS** and the networked PLC:

