

## Switchover PROFINET MCP483 to USB MCP without changing the PLC Project

Exchanging a PROFINET MCP483 to USB MCP without changing the PLC Project requires 3 steps

### STEP 1

Original state:

MD19720 \$ON\_PLC\_FUNCTION\_MASK = 0H

MD12950 \$MN\_PLC\_MCP\_CONNECT = 0

The PLC project contains program blocks for MCP483 PN and a symbol table for the MCP.

Change:

On Toolbox Examples/PLC/PN\_MCP\_to\_USB\_MCP. You find two PLC projects with MCP symbol tables.

Open PLC example "MCP\_Symbol\_Table\_..." match to your MCP

Open your PLC project with second PLC Programming Tool session and choose symbolic addressing

Copy the symbol table IS\_MCP\_PN\_... out the example in your PLC project with a new table number

Delete the old MCP symbol table

### STEP 2

Copy the symbol table IS\_MCP\_DB\_... out the example in your PLC project with new table number

Delete the symbol table IS\_MCP\_PN\_...

Now the Inputs and outputs of the MCP are addressed via DB1000/1100. You can use this project for PN and USB MCP.

Download the PLC project into your control

### STEP 3

To use further the PN MCP set MD19720 \$ON\_PLC\_FUNCTION\_MASK = 1H.

To use the USB MCP set MD12950 \$MN\_PLC\_MCP\_CONNECT = 1

Set the necessary machine data.

Make Power On Reset