Attachment of CI54x-DP PROFIBUS-DP communication interface modules using GSD Data file to a third party master

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1. GSD data affectation

Part number	Type	GSD Data to be used
1SAP224100R0001 1SAP424100R0001	**CI541-DP** **CI541-DP-XC**	ABB_34A9.GSD
1SAP224100R0001 1SAP424100R0001	**CI542-DP** **CI542-DP-XC**	ABB_34AA.GSD

Into the ABB library or on the PG PLC Website www.abb.com/plc, the GSD files (1SAP…)for the new CI54x-DP modules can be downloaded.

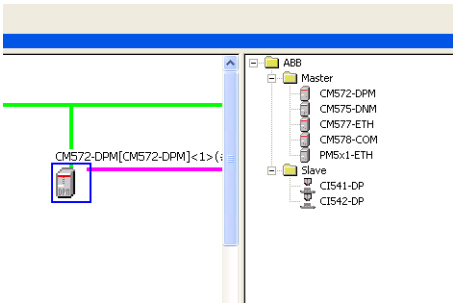
The file „1SAP192500R0150.zip“contains:

- ABB_34A9.GSD (CI541-DP or CI541-DP-XC)
- ABB_34AA.GSD (CI542-DP or CI542-DP-XC)
- Explanation how to use the GSD data file

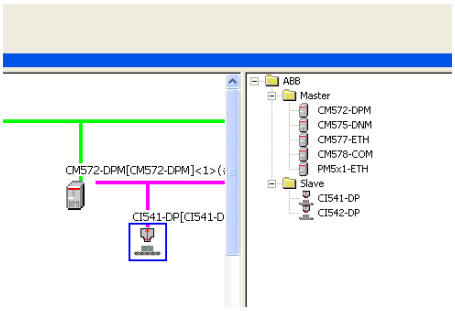
2. Example of use with SYCON.net

The following examples of attaching an ABB CI54x-DP PROFIBUS communication interface with a third party product (hereby SYCON.net) can be used in a similar manner with other configuration software from other PROFIBUS DP master coupler.

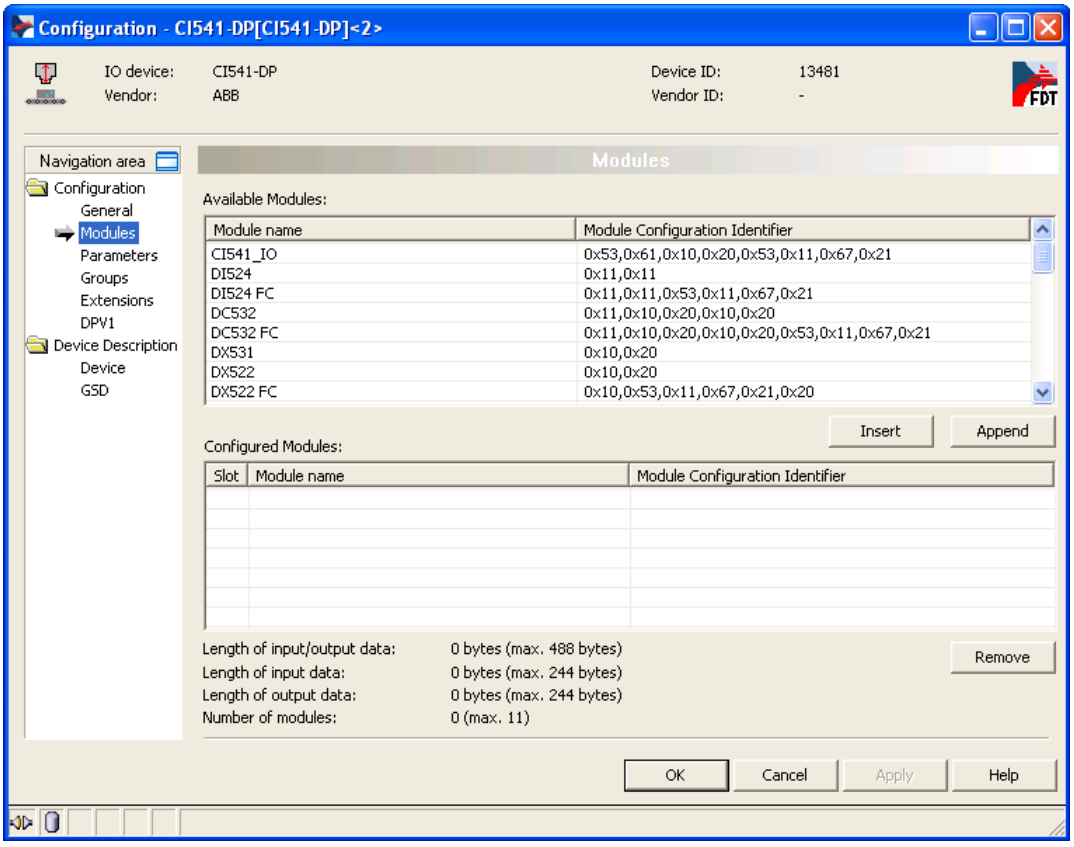
The Profibus Master CM572-DMP has to be added.



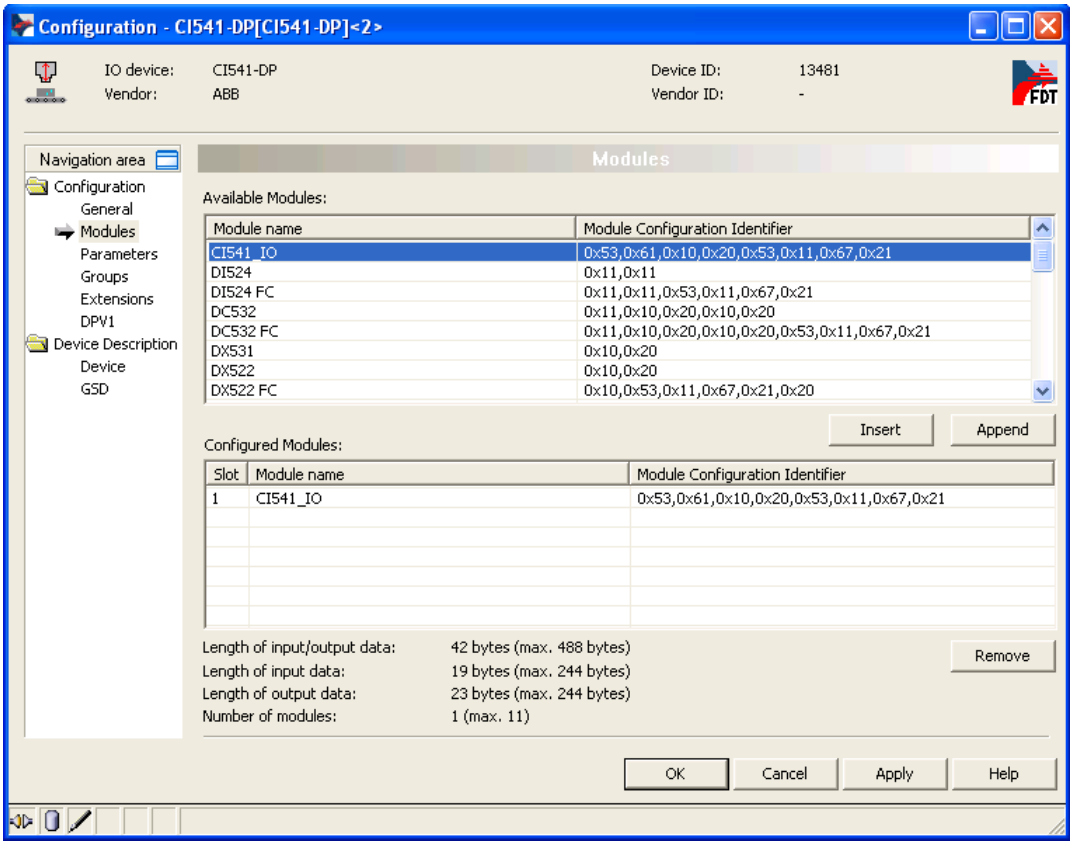
The CI541-DP / CI542-DP can be directly connected to the CM572-DP



By double clicking on the CI541-DP / CI542-DP the configuration window of the corresponding device opens. At default there is no module connected to the CI541-DP /CI542-DP



The CI541_IO / CI542_IO Module **must always be placed** on the first slot (and only on this slot) of the CI541-DP / CI542-DP



After that up to 10 IO-Bus expansion modules can be appended in the slot 2…11

