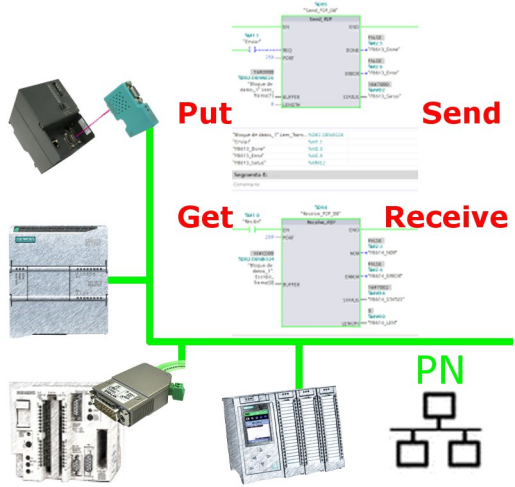
Handling short instructions for PLC coupling



Commissioning of S5-LAN++ and S7-LAN

Before you can start with the configuration of the coupling you should first set up your S5-LAN++ (to access your S5 controller via the PG interface) and / or S7-LAN (to access your S7 controller via PPI/MPI/Profibus) modules. For this please read the short instructions for the S5-LAN++ or S7-LAN.

Configure coupling

The S5-LAN++ and S7-LAN are supporting multiple couplings. In general a distinction is made between a active controller, which establishes and manages the connection, and a passive controller, which waits for the connection and queries.
For the coupling type “PUT/GET” a change is only needed on the active controller, because here flags and data blocks from the passive controller are directly accessed by the active controller.
For the coupling type “SEND/RECV” a change on both controllers is needed.

The following table shows a overview about possible couplings between controllers and shows up, where you can find more information about the configuration of the coupling. All descriptions and example applications can be downloaded on the product page of the S5-LAN++ and S7-LAN.

controller 1 (active)	**controller 2 (passive)**	**coupling type**	**description / example**
S7-200 via PPI	*any*	PUT/GET	project „S7-LAN_PUT-GET“
	S7-200 via PPI	SEND/RECV	project „S7-LAN_SEND-RECV“
S7-300/400 via MPI/DP	*any*	PUT/GET	project „S7-LAN Aktives PUT-GET“
	S7-300/400 via MPI/DP	SEND/RECV	project „S7-LAN an S7-LAN“
	S5 via PG port	SEND/RECV	project „S5-LAN++ an S7-LAN“

controller 1 (active)	**controller 2 (passive)**	**coupling type**	**description / example**
S7-300/400 via Ethernet-CP	S7-200/300/400 via PPI/MPI/DP	PUT/GET	S7-LAN manual section „Access via PUT/GET“
	S7-300/400 via MPI/DP	SEND/RECV	project „S7-LAN an S7-CP“
	S5 via PG port	PUT/GET	S5-LAN short instruction „S5-S7-coupling“
	S5 via PG port	SEND/RECV	Project „S5-LAN++ an S7-CP“
S7-1200/1500 via Ethernet	S7-200/300/400 via PPI/MPI/DP	PUT/GET	S7-LAN manual section „Access via PUT/GET“
	S5 via PG port	PUT/GET	S5-LAN short instruction „S5-S7-coupling“
S5 via PG port	S5 via PG port	SEND/RECV	project „S5-LAN++ an S5-LAN++“

For every example project shown in the table above there is also a description of the project. For S5 couplings this can be found within the ZIP archive with the example projects and for S7 couplings within the manual of the S7-LAN module.

Under the web-address https://www.process-informatik.de are product specific documentations or software-driver/-tools available to download.
If you have questions or suggestions about the product, please don't hesitate to contact us.

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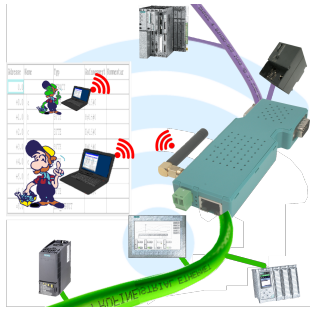
Menutree Website:

+ Products / docu / downloads
  + PLC-coupling S7-PN-CP to S7-MPI/Profibus

QR-Code Website:

Please make sure to update your drivers before using our products.

Couppling ProfiNet to MPI/DP inclusive WIFI-interface



Wired or wireless communication (WIFI) via the same adapter with the respective control Devices from the BRIDGE-family always connect a wired-network with a wireless-network (WIFI) and a specific PLC-interface. This gives you access to the directly connected controller via WIFI (with S7 to the entired bus) as well as to the wired Ethernet. Of course also from wired Ethernet to WIFI and control/bus.

Always connected to each other, all made possible by the devices of the BRIDGE-family.

Serial communication with S5-PLC (CPU-assemblies 15pin)

S5-PLC communication from PC with serial COM-port and your programming package?

PG-Com-cable up to a length of 15m are the appropriate interface-product. Without special accessories, without external supply, plugged on PC and S5 PLC and work immediately. Connection with original Siemens-sliding-locking to S5-PLC, with screw-bolts on the PC. Function with S5-90U to S5-155U. Connection PLC-side 15pin, PC 9pin (adaptation to 25pin at any time possible).