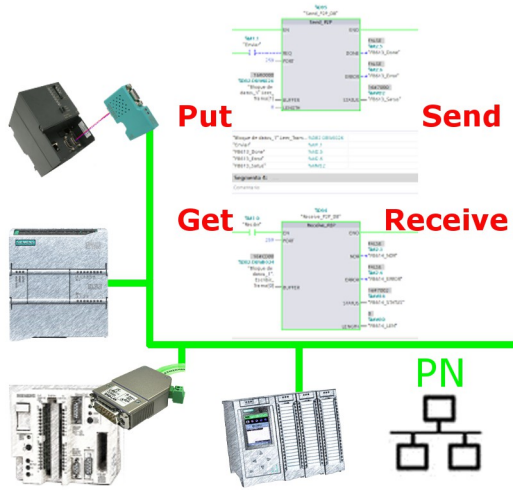
Handling short instructions for PLC coupling



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 S5-PG-port to S5-PG-port

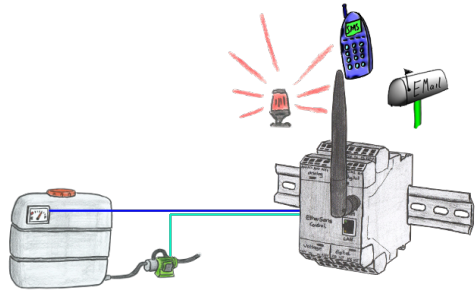
QR-Code Website:

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

Remote maintenance of your S5-PLC via LAN / Internet

You have access to a on-site network and your PLC has no LAN-connection? No problem, plug the S5-LAN on the PLC and you will have immediate access to the PLC from afar.

Capture data and control independently



Apply small control tasks of your systems with EtherSens-Control-devices. Determine switching points where the device is running to respond. Depending on the parameterization, an email or SMS notification (depending on the device-configuration) or the device automatically controls via the optional IO-modules (analog / digital / relay).