

Step5/7-Programming system PG-2000

Installation note:

Load your license file using the link given in your personal license email. The password for extraction can also be found in this email. Then copy this file into the folder of the installed PG-2000 software (demo version). After restarting the software, your license is active.

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
+ PG-2000 S5-CSF/S7-FBD extension

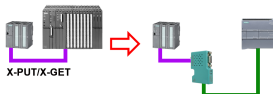
QR-Code Website:



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

Extend MPI/DP-bus over network or convert to network



MPI/DP communication between two S7-300/400 controllers on the same bus

- a control is relocated spatially:

2x S7-LAN with activated X_PUT/X_GET module, the data is transported between the modules via the network.

- a control is replaced by a PN control:

1x S7-LAN with activated X_PUT/X_GET module and the received-data are transferred automatically to the configured PN-PLC via PUT/GET.

Recognize missing Profinet participants

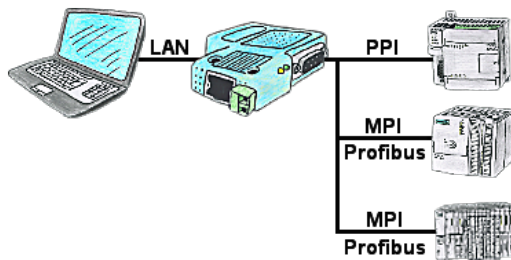


Recognize cable breakage, contact problems and line faults.

Retransmissions and failures are logged and reported.

Early acting before total failure of the participant.

Programming of S7-PLC-devices via LAN



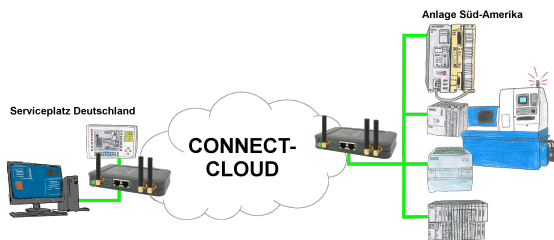
S7-PLC with PPI, MPI, Profibus connection, but data should be read/written via network?

Ethernet-CP cannot be used because of the effort (hardware-configuration), price, space in the rack, availability. Plug S7-LAN-module/MPI-LAN-cable into a free bus-connector, assign the IP-address and the PLC can be reached via the network. There is no need to invest any more effort. The adapter can be parameterized via an integrated web-server or a configuration-tool. No changes to the S7-PLC are necessary to operate the adapter.

The adapter can also be used to implement PUT/GET-connections to other controls, but the PLC-program must be changed for this. Other PLCs can just as well read/write data from this controller via PUT/GET; nothing needs to be changed in the PLC program.

Automation very easy: Connect, parameterize and work.

Worldwide remote-access thanks to our own cloud



Worldwide remote-maintenance without additional costs thanks to our own cloud

Your devices connect to your own cloud, no matter where they are in the world. Only your devices are in your own private cloud, no one else has access to the cloud. In addition, you can provide each device with its own connection-password, so that the individual systems are protected despite the private cloud.

No registration on any portals, no hidden additional costs, your devices in your own cloud are always accessible.

This is how remote maintenance/remote access is fun.

Sensor-networking 4.0

Siemens S5
Read / Write
PG-Schnittstelle

Siemens S7
Read / Write
PPS / MPI / DP

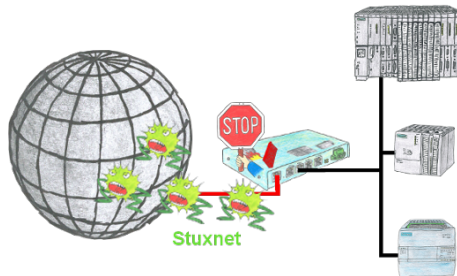
EtherSens
Analog IN / OUT
Digital IN / OUT

Energieanalyse
(EN 60730-1 EN 60730-3)
Echtzeit-Energie
L1, L2, L3, N-Echtzeitanalyse
bis 600 Messungen / Sek
Spannungen bis 500 VAC
Strome über 1000 A
Hz / cos phi / Leistungsfaktor
WWh / kWh / Scheinleistung kW
Energieverbrauch kWh

Alle Messgrößen
U I f / °C / O2 / H2O, mg, kg, mm ...
diagnostische Analyse, Überwachen, Alarmieren
zentral protokollieren + beobachten

Vorhandene Sensoren direkt einbinden
analoge und digitale Ein- /Ausgänge
elektrisch und Messure frei konfigurieren
Messgrößen einfach über WEB eingeben
Klick-Montage auf Standard-Hutschene
Stromversorgung 230VAC / 24VDC
integrierte Webserver
Zugriff auf alle Sensoren im Netz
Protokoll auf SD-Karte + FTP-Server
in verschiedenen Datenformate
bei Grenzen E-Mail + Ausgänge über Netz

Protection against virus attacks



Protection of your systems against virus-attacks such as "Stuxnet"

Switch the S7-Firewall or TeleRouter with the S7-firewall-option between the PLC(s)/machine-network and the company-network to prevent your system- and process-data from being destroyed.