

**Menutree Website:**

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- + Accessories
  - + Antennas / Accessories
  - + Sector antenna for ALF

**QR-Code Website:**



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

**S5-PLC over RS232**



Communication with S5-PLC via RS232, just how and with what?

Data-communication with S5-PLC from PC or other devices via RS232 (COM-port), which interface is required. Questions you don't have to worry about. With "S5 over RS232" you get the right interface-products for your interface of the PLC.

Which one you use then is up to you.

## Sensor-networking 4.0

**Siemens S5**  
Read / Write  
PG-Schnittstelle

**Siemens S7**  
Read / Write  
MPI / MPI / DP

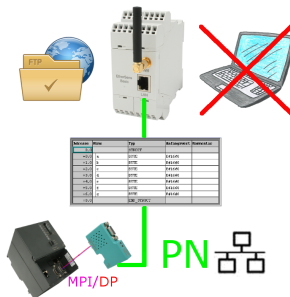
**EtherSens**  
Analog IN / OUT  
Digital IN / OUT

**Alle Messgrößen**  
U / I / CG / O2 / H2O, m, kg, mm ...  
dezentrale Analyse, Überwachen, Alarmieren  
zentral protokollieren + beobachten

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

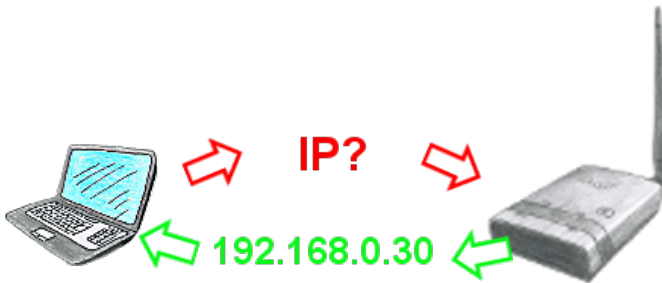
**Energieanalyse**  
(EN 60470-1 EN 60470-3)  
Echtzeit-Energie  
L1, L2, L3, N-Echtzeitanalyse  
bis 2000 Messungen / Sek.  
Spannungen bis 500 VAC  
Strome über 1000 A  
Hz / cos phi / Leistungsfaktor  
WWh + Blind- / Scheinleistung kW  
Energieverbrauch kWh

## Data backup S7-PLC over MPI/Profibus on FTP-server



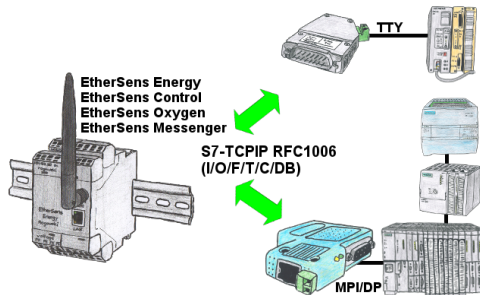
S7-PLC triggered DB-backup/-restore without additional PC via MPI/Profibus on FTP-server

## Integrated dhcp-server



You use your PC in your company network with DHCP, so you don't have to care the everlasting setting of the ip-address. No problem, ALF also can be configured as a DHCP-server and assigns you accessing to the device via LAN or WLAN an ip-address from a predefined address range.

## PLC coupling S5 and S7



Data-processing/-recording of PLC-data?

Data-logging of recorded process-values in a DB writing or read out in the connected PLC via network, thanks to RFC1006-communication in the devices is nothing in the way.

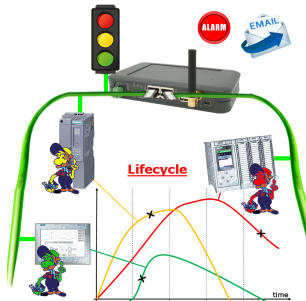
Even accesses to flags (individual bits of the words) are possible at any time. Configure the data via the integrated web-server that gets target-PLC or returns the necessary-data.

If the PLC does not have an Ethernet-port, with optional adapters, enable this communication:

\* S5 over S5-LAN++

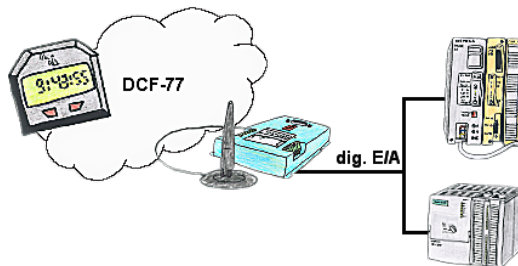
\* S7-PPI/MPI/Profibus over S7-LAN

## Profinet life cycle monitoring



Identify impending failures in your Profinet.  
Creeping aging will be displayed to you very detailed.  
The Profinet-Watchdog give you the change to react before something happens.

## Atomic time at the PLC



For your production flow you're always in need of an exact time? No problem, connect the SPS-Clock with 4 digital in-/outputs of your PLC, after synchronisation of the SPS-Clock the updating time can be read in a DB of the PLC.