

Menutree Website:

- + Products / docu / downloads
- + Accessories
 - + Connector plug / equipment
 - + Option CheapConn for MPI cables

QR-Code Website:



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

Sensor-networking 4.0

Siemens S5
Read / Write
PG-Schnittstelle



Siemens S7
Read / Write
MPI / MPI / DP



EtherSens
Analog IN / OUT
Digital IN / OUT



Energieanalyse
(EN 60475-1 EN 60475-3)
Echtzeit-Energie
L1, L2, L3, N-Echtzeitanalyse
bis 800 Messungen / Sek.
Spannungen bis 500 VAC
Strome über 1000 A
Hz / cos phi / Leistungsfaktor
Watt / Blind- / Scheinleistung kW
Energieverbrauch kWh



Alle Messgrößen
U / I / °C / O2 / H2O, m, kg, mm ...
dezentrale Analyse, Überwachungs-Alarmen
zentral protokollieren + beobachten

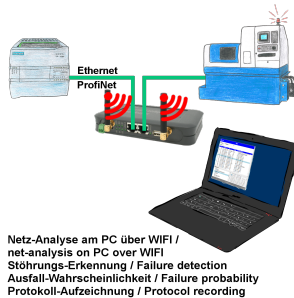
Vorhandene Sensoren direkt einbinden
analoge und digitale Ein-Ausgänge
elektrisch und Messwerte frei konfigurieren
Messgrößen einfach über WEB abfragen

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

Network-analysis/-monitoring easy



Analyze network-problems and network-conflicts with little effort. Simply plug the TINA-II into the network, open website of the integrated web-server via WIFI and start working.

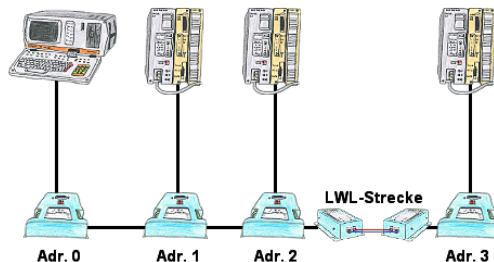
No unnecessary search for a hub to record the logs. TINA-II records in the usual WireShark-format, i.e. save the recording on a PC and view and evaluate it later with WireShark.

Monitoring the network, automatically send an email to the administrator if there is no participant or if there is a new participant (Intrusion-detection into the network)

Calculate the probability of failure of the participants

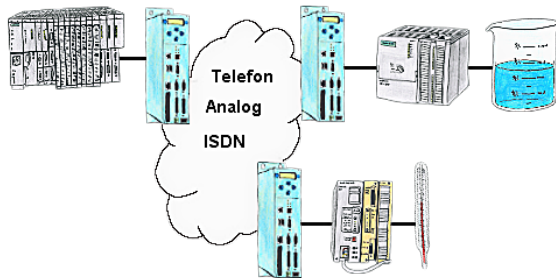
All of this can be achieved with TINA-II

Longer distances for L1-Bus



You need for your L1-Bus higher distance like the possible 1200m? You have strong disturbance on your L1-Bus? You need a serial line for higher distances and this galvanic decoupled? No problem, all this points are solved through the LWL-adapter. They are available for artificial and optical fibre, for L1-Bus and RS232.

PLC coupling (data exchange between PLCs)



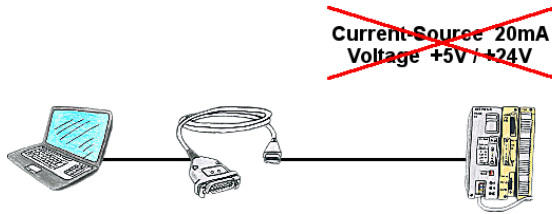
Your pumping stations report the water levels of the central control via telephone network. The central office itself can of course transmit commands/messages to the substations as well. Thereto no dedicated line is required, a "normal" telephone connection is sufficient because the devices cut the line after occurred message.

Profinet-monitoring/-diagnosis inclusive alarm-messages



Detect intrusions and anomalies on your ProfiNet.
Early detection of malfunction and failures and malfunctions.
Easy installation, plug and play double socket.

Active on every S5-PLC

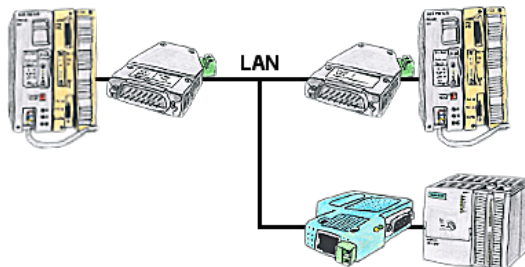


PLC's without current-sources (+20mA) and voltages (5V/24V) at the PG-interface such as the AS511-plug-in card?

The PG-USB-cable does not need anything, it is supplied directly from the USB-socket to which it was plugged. It is active towards its communication-partners, contains its own current-sources.

Universally connected to the S5-PLC without worrying about the supply. Function also given on controls with current-sources/voltages.

PLC coupling (data exchange between PLC's)



Your pumping stations report the water levels of the central control via telephone network. The central office itself can of course transmit commands/messages to the substations as well. Therefore no dedicated line is required, it's sufficient when the stations connect via network (DSL-router).