

**Menutree Website:**

- + Products / docu / downloads
- + Micro-SD-card 32GB

**QR-Code Website:**



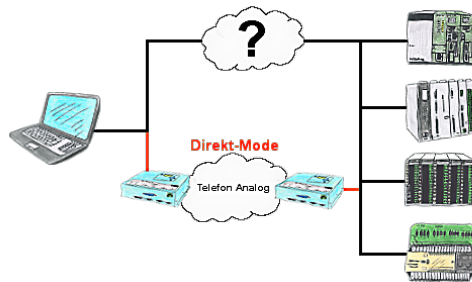
Please make sure to update your drivers before using our products.

Wireless around the Pilz-PLC



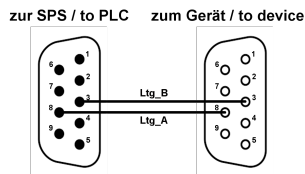
Move wirelessly around the Pilz-PLC and communicate for example ONLINE in the status

## Direct-mode „extended serial interface“



There is an unsupported control or data logger or converter integrated in your installation which protocol is not supported? No problem, the signs that the PC in the office sends will be transferred via telephone line by the Direct-mode, and on-site reproduced by the TP/TB. The way back is identical. So in that case there's also a communication to the electronic devices available.

## Protection of the bus interface



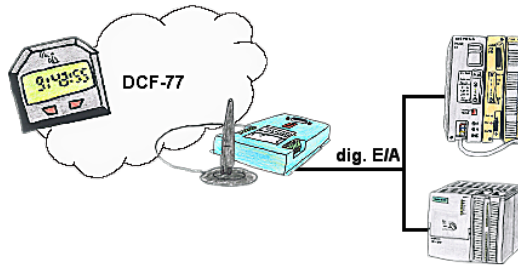
Participants on "unknown" bus-connection, threatening danger of damage

Programming-adapters or other bus participants to attach a 9-pin bus-connection, who has not a queasy feeling that damages can arise.

Who owns the assemblies "VIPA 21x-2bm0x and 208-1dp0x" from VIPA knows the problem. Quickly, a voltage-conducting pin is pulled against GND => The short circuit is existing.

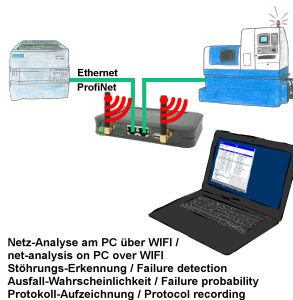
Simply save only the plug-contacts of the bus-connection from wear due to permanent plugging and removal of participants. For this purpose, the bus-coupler plug can be used. A small component with great effect.

## 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.

## 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.

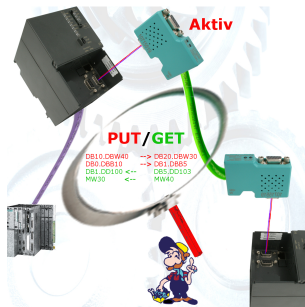
No unnecessary search for a hub to record the logs. TINA-II records in the usual WireShark-format, i.e. save the recording on a PC and view and evaluate it later with WireShark.

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

## Connecting S7-PLCs without head-station



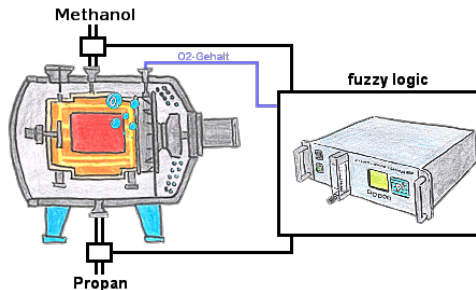
Direct data-exchange between S7-PLCs with S7-LAN.

Thanks to active PUT/GET directly in the module without superordinate head control!

Transfer data directly from one MPI/Profibus-PLC to another.

Bus independent! MPI-bus Profibus / Profibus Profibus / MPI-bus MPI-bus

## Fuzzy controller with the OSC-II



Through 3 free configurable limits (of each kind) you wont be able to realice a fuzzy-controller of your heat treatment furnace.