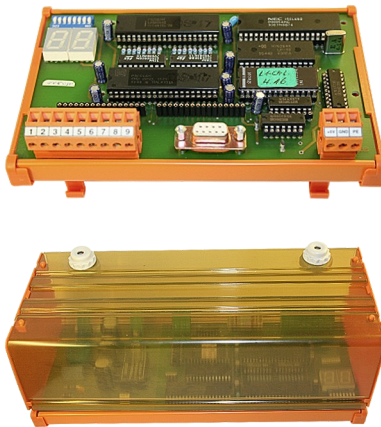# Handling-short-instruction V1.0 for

L1-BUS Controller

Power connection:

Voltage: 24 V DC ± 20% (Desktop-Device)
                   5 V DC ± 20% (DIN-Rail-Mounting)
Power: 4W

Initial start-up :

–   Plug the needed modules into the right connectors. The components on the module-board point in your direction
–   Connect the L1-Bus to the 9pin connector with screws
–   Connect the PC to the D-Sub 9pin
–   Check Dip-Switch described like in the handbook (default setting: 9600bd, 8, N, 1)
–   Connect power-supply:
    Desktop-Device: 24V DC to the 2pin connector with screws (Pin1 GND, Pin2 Vcc)
    Din-Rail-Device: 5V DC to the 3pin connector with screws (Pin1 Vcc, Pin2 GND)

Now you will be able to communicate with a PC over RS232 with the controller. More informations you can find in the handbook of the device.
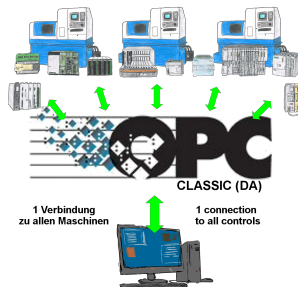
Menutree Website:

+ Products / docu / downloads
  + Hardware
    + Converter
      + L1-Controller

QR-Code Website:

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


Machine-access regardless of the manufacturer

Machines from various manufacturers in the production-plant and with all of them should data be exchanged?

Before you get the machine-specific protocol from each manufacturer in order to integrate it into your application, there are easier ways to implement this requirement.

OPC-servers have many protocols from different manufacturers integrated and provide the collected data as "Server". Your application communicates as a "client" with the OPC-protocol DA (Classic) with the "Server" and thus receives the required data from all machines without knowing the respective protocol.

Access with one protocol and still have data from many manufacturers, that is OPC.
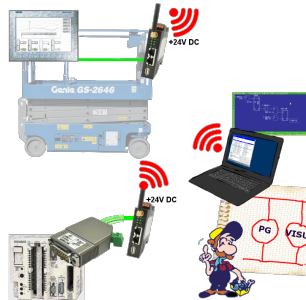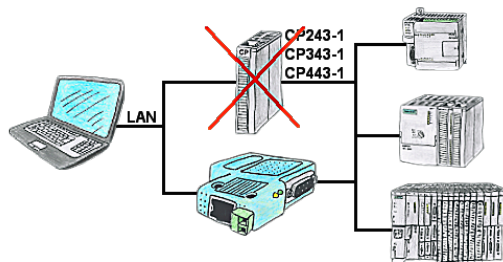
Connect each S7-TCP-IP panel to your S5.
Now also available via WLAN for mobile workstations.
PARALLEL several panels and even simultaneous PG connections possible.
Include hard-to-reach places in your ERP system.

## S7-CP-replacement (without LAN-CP to the PLC-device)

Do you have a S7-PLC-device without CP243-1, CP343-1 or CP443-1 and would like to connect via LAN? Then plug the S7-LAN on the PLC-device and your access via RFC1006 is ready for use.

PLC coupling (data exchange between PLCs)
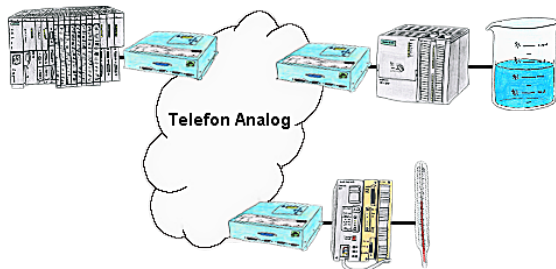
Your pumping stations report the water levels of the central control via telephone network. The central office itself can of course transmit commands/messages to the substations as well. Thereto no dedicated line is required, a "normal" telephone connection is sufficient because the devices hangs up the line after occured message.

Data backup S7-PLC over MPI/Profibus on SD-card
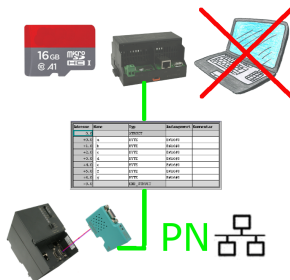
S7-PLC triggered DB-backup/-restore without additional PC via MPI/Profibus on SD-card