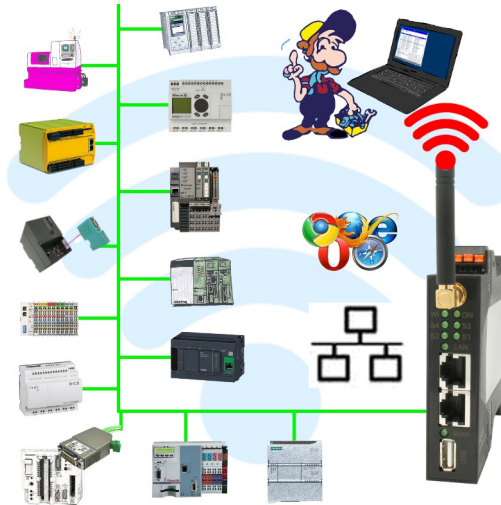


# Handling short instructions for Wireless around the controller



## Commissioning of ALF-UA

ALF-UA creates a WIFI network with the SSID "ALF-UA" and automatically assigns an IP-address via DHCP for the WIFI-participants who connect to the device.

Connect laptop/notebook to this WIFI-network, the respective PC is assigned an IP-address from the subnet 192.168.2.xxx.

If you need a different subnet for the connected controller, you can change the subnet after connecting the PC and ALF-UA:

- Connect PC to ALF-UA via WIFI
- Open the ALF-UA-website with a browser and IP address 192.168.2.1
- User name:           admin  
  Password:           admin
- Menu „network“ => „AP router“ => „LAN“ => „router IP“ enter the desired subnet  
  The changes are accepted by clicking on the diskette symbol
- After a restart, the device is available with the new parameters
- Rebuild the WIFI-connection of PC and ALF-UA

Connect the respective control/machine to the LAN port of the ALF-UA with a patch cable. Now that the PC and ALF-UA have been connected, the machine can be reached "wirelessly" and you can communicate.

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
- + Wireless around the Moeller-PLC

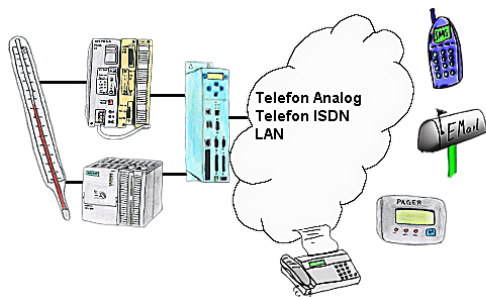


**QR-Code Website:**



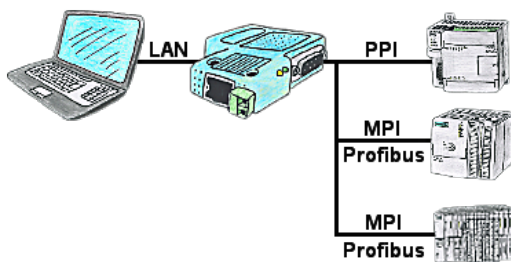
Please make sure to update your drivers before using our products.

## Failure report transmission released by the PLC



Your outstation reports the current value cyclically, or in case of malfunction the status via FAX, as SMS to your mobile phone, to your pager or also via e-mail.

## Programming of S7-PLC-devices via LAN



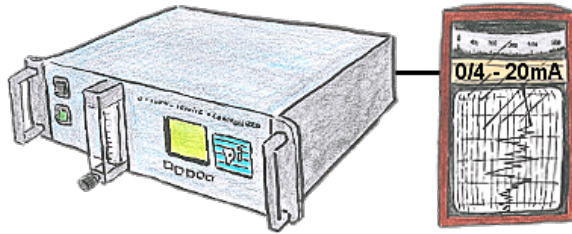
S7-PLC with PPI, MPI, Profibus connection, but data should be read/written via network?

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.

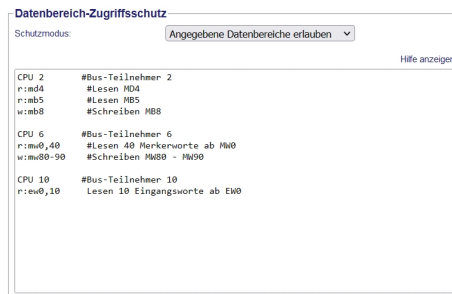
Automation very easy: Connect, parameterize and work.

## Documentation of oxygen concentration



The integrated current output issues the actual concentration in the range of 0/4 - 20mA via free definable limits.

## Management of the data-areas



With the management of the data-areas it is determined whether the entered data-areas can be read/written via the module with the connected controllers. A central button for the function determines whether the specified inputs are "allowed" or "not allowed" are.

The input itself is kept very simple: "r" for reading and "w" for writing, a ":" as a separator and then the data-area in S7-format. If there is only one CPU on the bus, the CPU-address does not even have to be specified, the participant on which the module is plugged in is used.