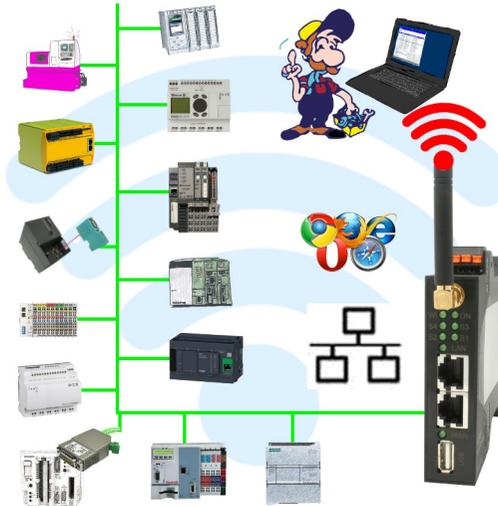


# Handling short instructions for Wireless around the controller



## 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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<https://www.process-informatik.de>

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**Menutree Website:**

+ Products / docu / downloads

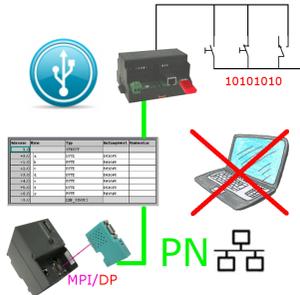
+ Wireless around a machine with LAN-port

**QR-Code Website:**



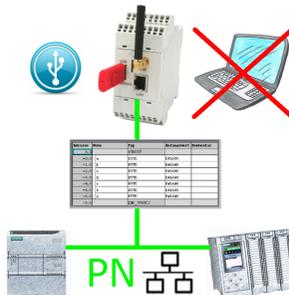
Please make sure to update your drivers before using our products.

## Data backup S7-PLC over MPI/Profibus on USB-stick via dig. IO



Via digital input triggered DB-backup/-restore without additional PC via MPI/Profibus to USB-stick

## Data backup S7-PLC PN-port on USB-stick



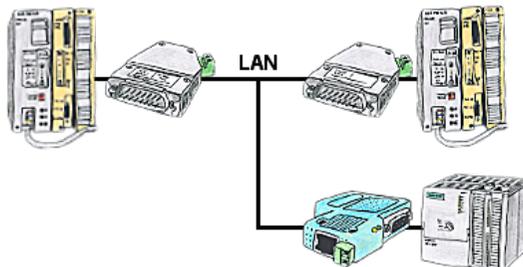
S7-PLC triggered DB-backup/-restore without additional PC via PN-port to USB-stick

## Remote-maintenance Siemens-S7-PLC with MPI/Profibus with firewall



Remote-maintenance of a Siemens-S7-controller with S7-LAN on MPI/Profibus via secure VPN-tunnel and scalable firewall

## 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).