

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:**

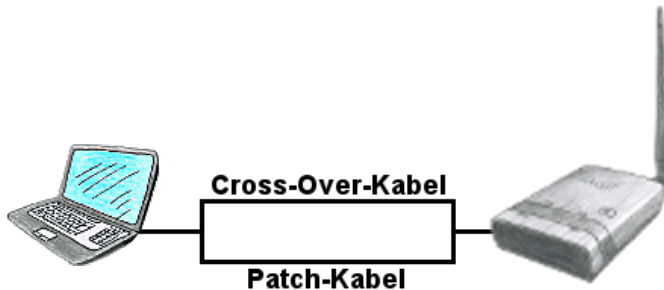
- + Products / docu / downloads
- + Hardware
  - + PD-interface-multiplexer
  - + PG-MUX-II family
  - + PG-MUX-II for Siemens (only 24V-device)

**QR-Code Website:**



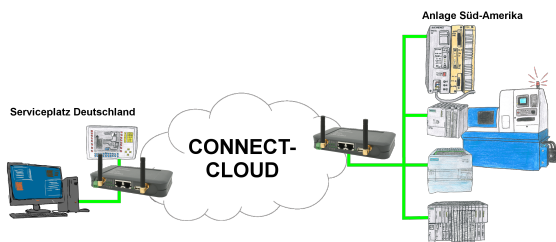
Please make sure to update your drivers before using our products.

## Autonegotiation on RJ-45



You need ALF to connect to a reachable WLAN, but only have a patch-cable? No problem, ALF provides "autonegotiation" and this means that he recognises a connected cable (patch-cable or cross-over-cable) and surround the pinning according to the cable, so a communication is possible.

## Worldwide remote-access thanks to our own cloud



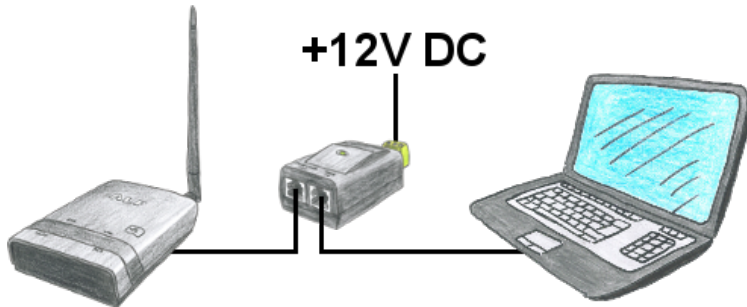
Worldwide remote-maintenance without additional costs thanks to our own cloud

Your devices connect to your own cloud, no matter where they are in the world. Only your devices are in your own private cloud, no one else has access to the cloud. In addition, you can provide each device with its own connection-password, so that the individual systems are protected despite the private cloud.

No registration on any portals, no hidden additional costs, your devices in your own cloud are always accessible.

This is how remote maintenance/remote access is fun.

## Passive PoE



You don't want to power ALF with 24V DC because you have in your network PoE "Power over Ethernet" in use. No problem, ALS provides passive PoE, this means he can be powered with the not used cables of the lan-cable with 12V DC. You don't need additional the 24V DC.

Attention: Don't connect a PoE-cable to a lan-client which doesn't provide PoE! The device could be damaged!

## Remote-maintenance Beckhoff-PLC with firewall



Remote-maintenance of a Beckhoff-controller with network-connection via secure VPN-tunnel and scalable firewall

## Remote-maintenance Siemens-S5-PLC



Remote-maintenance of a Siemens-S5-controller with S5-LAN++ on PD-port via secure VPN-tunnel of the TeleRouter

## Recognize missing Profinet participants



Recognize cable breakage, contact problems and line faults.  
Retransmissions and failures are logged and reported.  
Early acting before total failure of the participant.