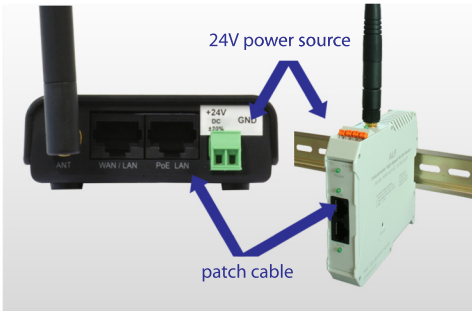
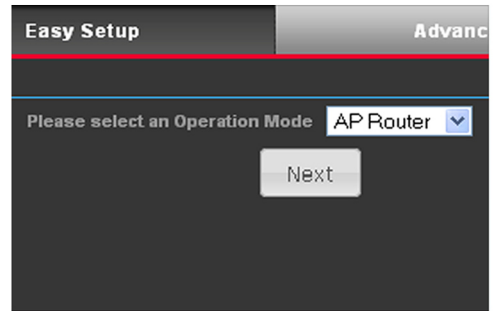


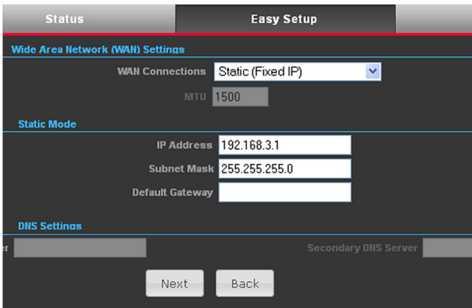
# Using S7-LAN with an ALF as a WLAN Router



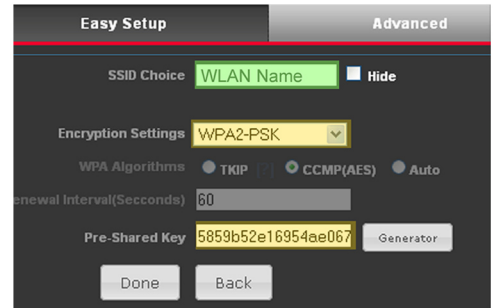
- 1 Connect the 24V power source and the computer to configure



- 2 Select „AP-Router“ on menu „Easy Setup“



- 3 Configure your IP address and subnet mask



- 4 Now configure your networkname and encryption  
Our recommended encryption is WPA2

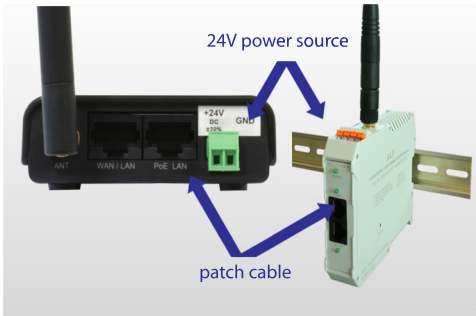


- 5 Connect the S7-LAN with a patch cable  
Your S7-LAN is now available from every WLAN participants

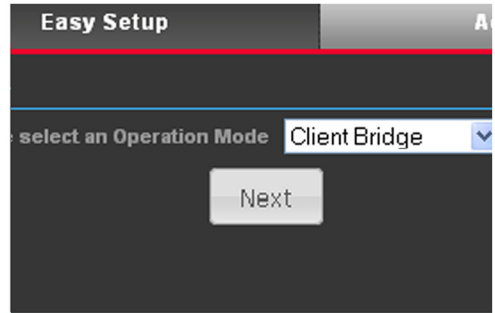


- 6 Installing TIC driver  
TIC driver available on [www.tpa-partner.de](http://www.tpa-partner.de)

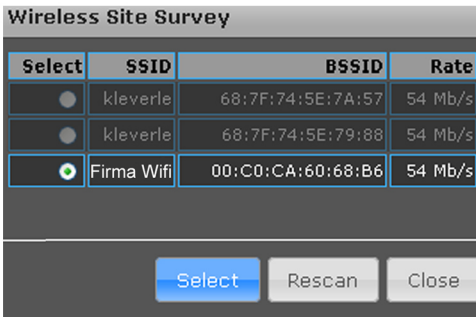
# Integrate a S7-LAN in a available WLAN with an ALF



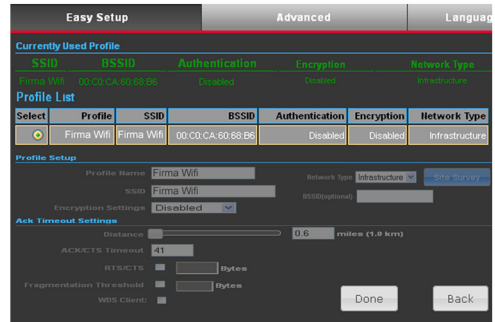
- 1 Connect the 24V power source and the computer to configure



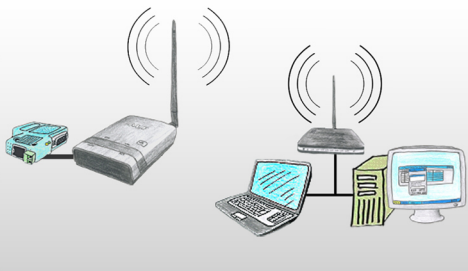
- 2 Select „Client Bridge“ on menu „Easy Setup“



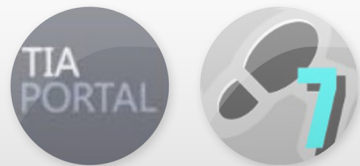
- 3 Press „Site Survey“ to search every WLAN and select your WLAN



- 4 Select your WLAN and enter your password. Press „Done“ to confirm

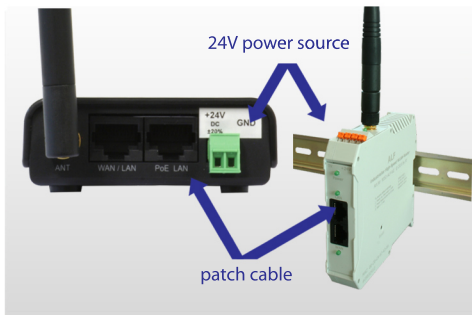


- 5 Connect the S7-LAN with a patch cable  
Every network has to be in the same IP area  
Your Module is now integrated

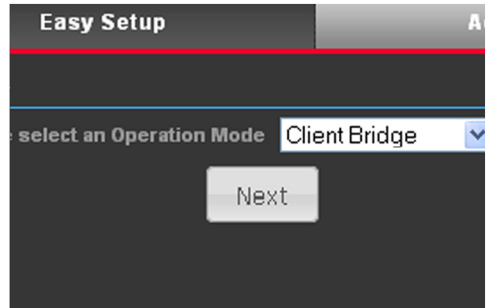


- 6 Installing TIC driver  
TIC driver available on [www.tpa-partner.de](http://www.tpa-partner.de)

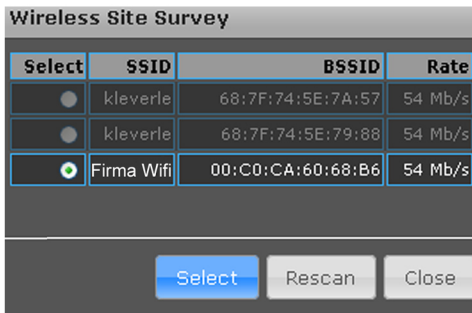
# Integrate a S5-LAN++ in a available WLAN with an ALF



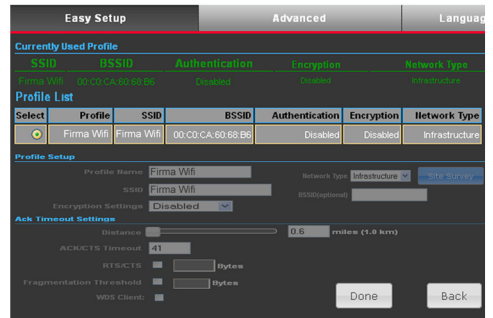
- 1 Connect the 24V power source and the computer to configure



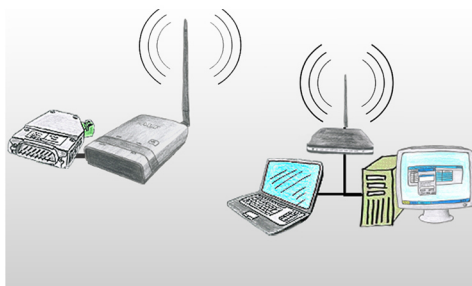
- 2 Select „Client Bridge“ on menu „Easy Setup“



- 3 Press „Site Survey“ to search every WLAN and select your WLAN



- 4 Select your WLAN and enter your password. Press „Done“ to confirm

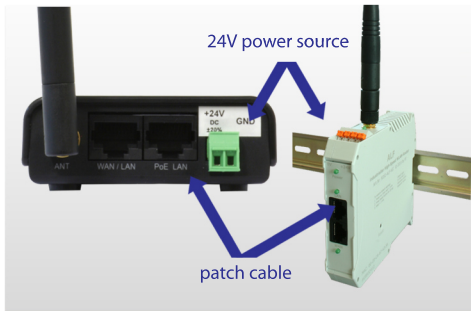


- 5 Connect the S5-LAN++ with a patch cable  
Every network has to be in the same IP area  
Your Module is now integrated

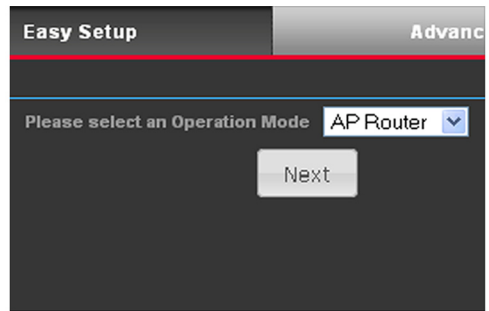


- 6 Installation:  
- S5-Patch for original Step5  
- PLCVCOM (virtual COM-Port)  
Tools available on [www.tpa-partner.de](http://www.tpa-partner.de)

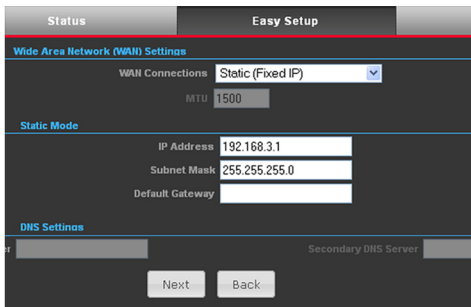
# Using S5-LAN++ with an ALF as a WLAN Router



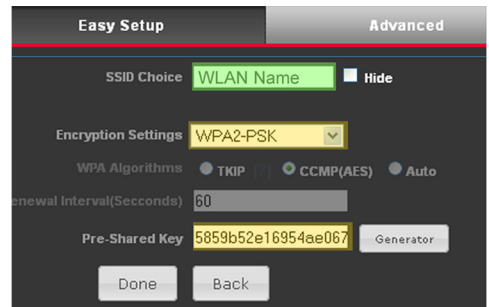
- 1 Connect the 24V power source and the computer to configure



- 2 Select „AP-Router“ on menu „Easy Setup“



- 3 Configure your IP address and subnet mask



- 4 Now configure your networkname and encryption  
Our recommended encryption is WPA2



- 5 Connect the S5-LAN++ with a patch cable  
Your S5-LAN++ will get an IP from the DHCP server and is now available from every WLAN participants



- 6 Installation:
  - S5-Patch for original Step5
  - PLCVCOM (virtual COM-Port)Tools available on [www.tpa-partner.de](http://www.tpa-partner.de)

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.

Process-Informatik Entwicklungsgesellschaft mbH

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DE-73116 Wäschenbeuren

+49 (0) 7172-92666-0

[info@process-informatik.de](mailto:info@process-informatik.de)

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

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### **Menutree Website:**

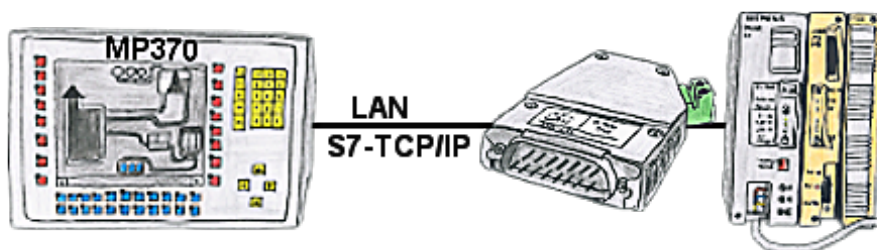
- + Products / docu / downloads
- + Hardware
  - + Programming devices
    - + Programming adapter S7
    - + WLAN/WIFI
      - + Profinet PLCs / Ethernet-CPs
      - + ALF-Devices
      - + ALF

### **QR-Code Website:**



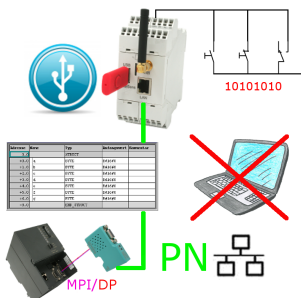
Please make sure to update your drivers before using our products.

## Watching of S5- PLC's with panel for S7-PLC



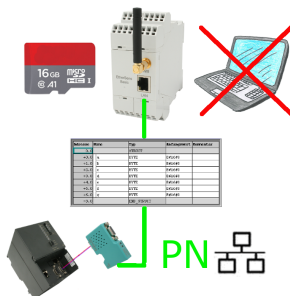
Your panel only has a LAN-socket as PLC-interface and supports only S7-RFC1006, no problem. Connect this socket with the S5-LAN++ and plug it directly on the PD-interface of the PLC. The S5-LAN++ performs adverse your panel as a S7-PLC although you receive the data from the S5-PLC. Then access to the variables and data of the S5-PLC is already available.

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



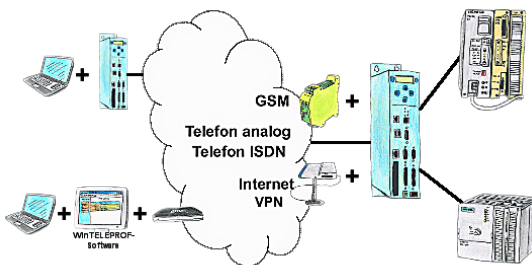
Via digital input triggered DB-backup/-restore without additional PC via MPI/Profibus to USB-stick

## Data backup S7-PLC over MPI/Profibus on SD-card



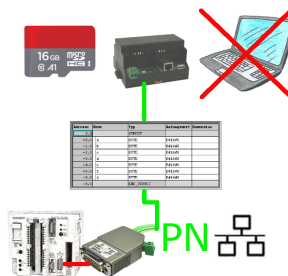
S7-PLC triggered DB-backup/-restore without additional PC via MPI/Profibus on SD-card

## Remote maintenance / telecontrol of PLC



Access to the connected PLC takes place by coupling via Analogue-, ISDN-, mixed Analogue-ISDN-, GSM-, UMTS-line and also via Internet with and without VPN-security.

## Data backup S5-PLC on SD-card



S5-PLC triggered DB-backup/-restore without additional PC via PG-socket and Ethernet on SD-card

## Management of the IP address

**IP-Zugriffsschutz**

Schutzmodus:

IP-Adresse / IP-Bereich #1:	IP-Adresse / IP-Bereich #2:	IP-Adresse / IP-Bereich #3:	IP-Adresse / IP-Bereich #4:	IP-Adresse / IP-Bereich #5:	IP-Adresse / IP-Bereich #6:	IP-Adresse / IP-Bereich #7:	IP-Adresse / IP-Bereich #8:	IP-Adresse / IP-Bereich #9:	IP-Adresse / IP-Bereich #10:	IP-Adresse / IP-Bereich #11:	IP-Adresse / IP-Bereich #12:	IP-Adresse / IP-Bereich #13:	IP-Adresse / IP-Bereich #14:	IP-Adresse / IP-Bereich #15:
192.168.178.10	192.168.178.100	192.168.178.254												

IPs aus Liste verbieten

Bereich (optional)

Bereich (optional)

Bereich (optional)

Bereich (optional)

Bereich (optional)

Bereich (optional)

Bereich (optional)

Bereich (optional)

Bereich (optional)

Bereich (optional)

Bereich (optional)

Bereich (optional)

Bereich (optional)

Bereich (optional)

The IP filter is used to determine whether or not the entered IP-addresses or IP-address-ranges may communicate with the connected controllers via the module.

The list can be edited centrally be switched with a button from "allowed" on "not allowed".