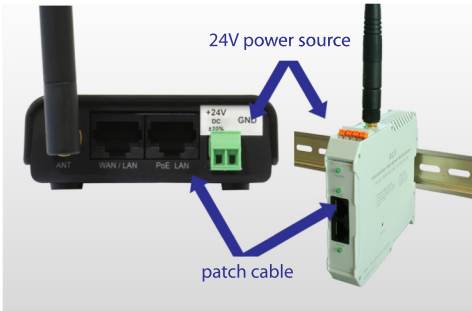
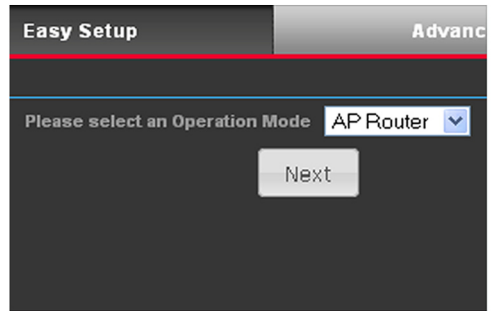


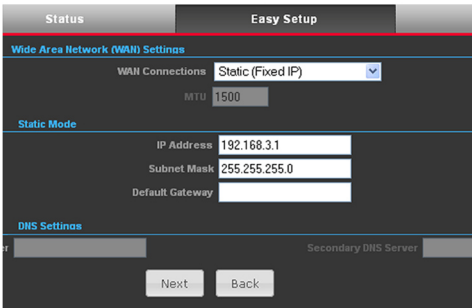
# Using S7-LAN with an ALF as a WLAN Router



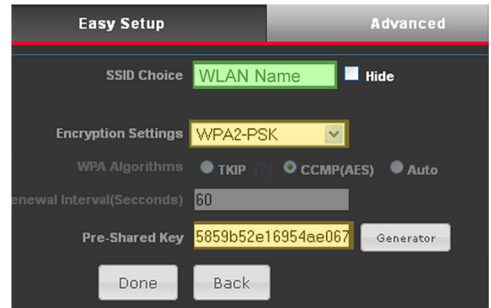
- 1 Connect the 24V power source and the computer to configure



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

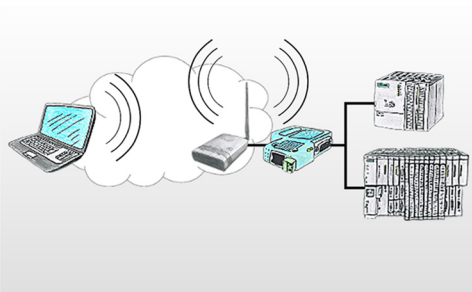


- 3 Configure your IP address and subnet mask

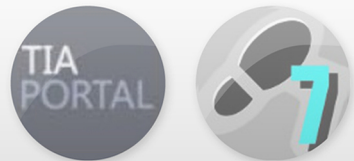


- 4 Now configure your networkname and encryption

Our recommended encryption is WPA2



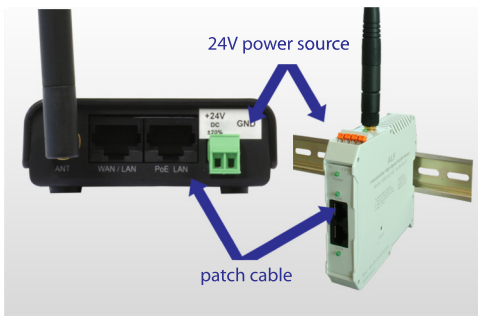
- 5 Connect the S7-LAN with a patch cable  
Your S7-LAN is now available from every WLAN participants



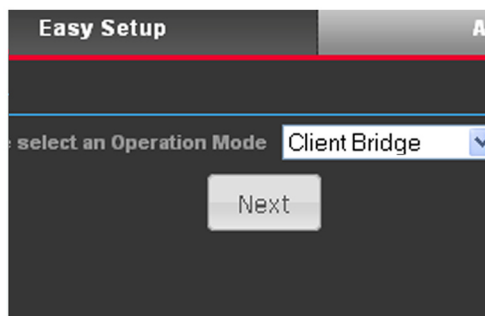
- 6 Installing TIC driver

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

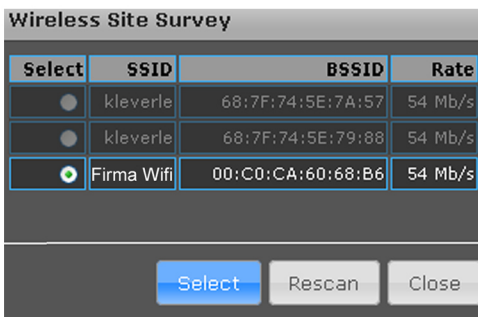
# Integrate a S7-LAN in a available WLAN with an ALF



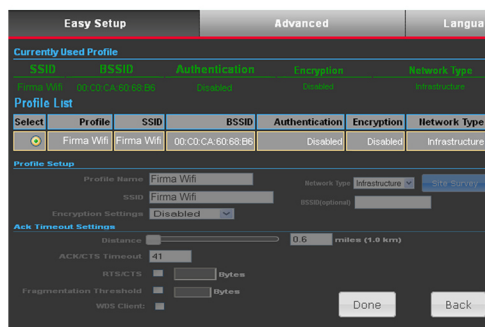
- 1 Connect the 24V power source and the computer to configure



- 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

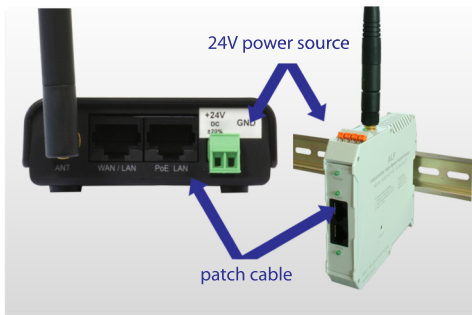


- 5 Connect the S7-LAN with a patch cable  
Every network has to be in the same IP area  
Your Module is now integrated

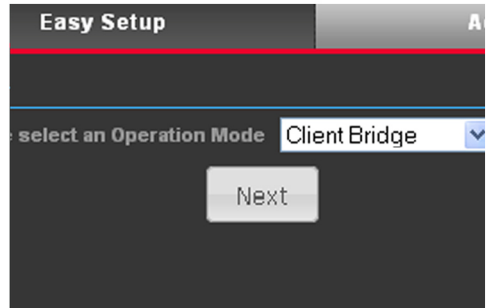


- 6 Installing TIC driver  
TIC driver available on [www.tpa-partner.de](http://www.tpa-partner.de)

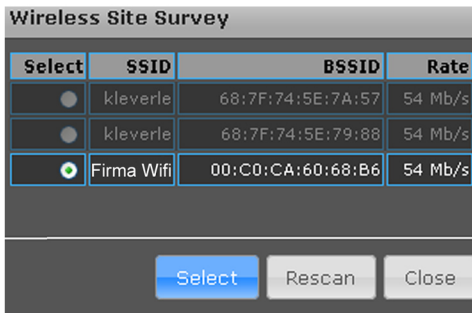
# Integrate a S5-LAN++ in a available WLAN with an ALF



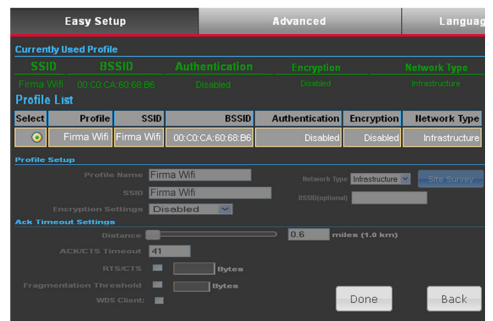
- 1 Connect the 24V power source and the computer to configure



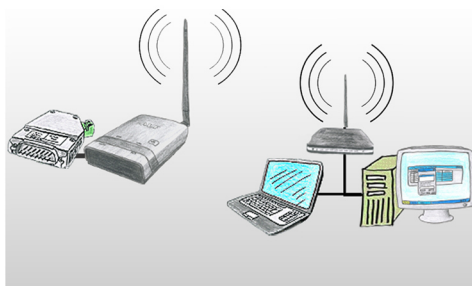
- 2 Select „Client Bridge“ on menu „Easy Setup“



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



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

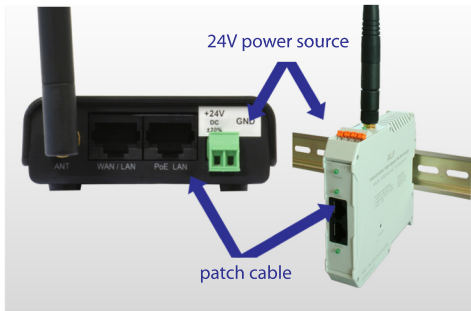


- 5 Connect the S5-LAN++ with a patch cable  
Every network has to be in the same IP area  
Your Module is now integrated

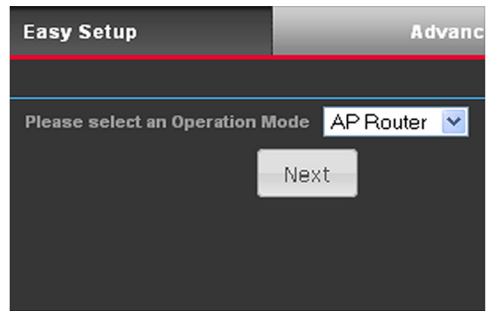


- 6 Installation:  
- S5-Patch for original Step5  
- PLCVCOM (virtual COM-Port)  
Tools available on [www.tpa-partner.de](http://www.tpa-partner.de)

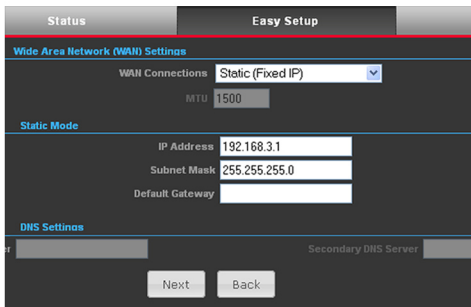
# Using S5-LAN++ with an ALF as a WLAN Router



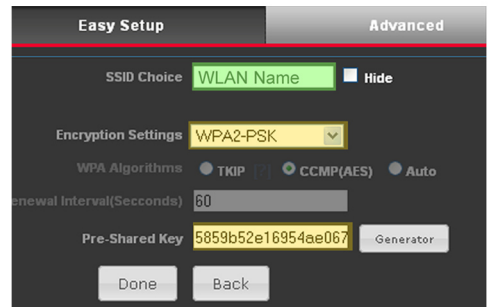
- 1 Connect the 24V power source and the computer to configure



- 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.

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

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

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### **Menutree Website:**

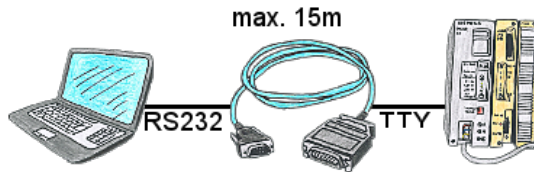
- + Products / docu / downloads
- + Hardware
  - + Programming devices
    - + Programming adapter S7
    - + WLAN/WIFI
      - + Profinet PLCs / Ethernet-CPs
      - + ALF-Devices
      - + ALF

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



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

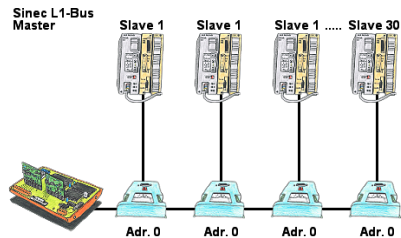
## Serial communication with S5-PLC (CPU-assemblies 15pin)



S5-PLC communication from PC with serial COM-port and your programming package?

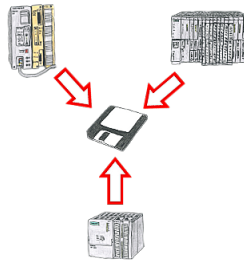
PG-Com-cable up to a length of 15m are the appropriate interface-product. Without special accessories, without external supply, plugged on PC and S5 PLC and work immediately. Connection with original Siemens-sliding-locking to S5-PLC, with screw-bolts on the PC. Function with S5-90U to S5-155U. Connection PLC-side 15pin, PC 9pin (adaptation to 25pin at any time possible).

## Sinec-L1-bus without master (CP530)



You have a running Sinec-L1-bus and your master the CP530 is defective or rather broke down and the bus has to continue running? No problem, connect the L1-controller to the according bus-modules instead of the CP530, define the circulation list of the clients and the L1-bus continues running immediately.

## Backup of formulas without knowledge of PLC



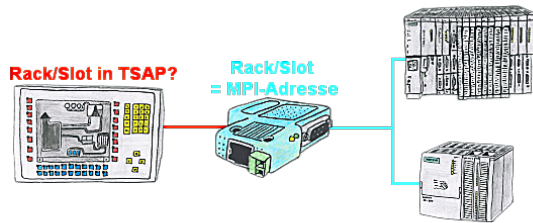
You consistently have to back up formulas which are stored in data blocks or back up production protocols, but the employee in charge has no knowledge of PLC-programming respectively handling PC-programs? No problem, install the PG-2000-software with "option DB-backup" on your PC and connect it with the PLC. The employee only has to click on a symbol on the desktop of the PC and the data blocks of the parameterised PLC will be stored on the fixed disc. Afterwards the program closes itself and the mentioned employee didn't had to accomplish an intervention on the program.

## 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

## Transformation of Rack/Slot in TSAP to MPI-address



Your panel or visualisationsystem addresses the used PLC with Rack/Slot in TSAP? No problem, activate this mode in the S7-LAN and you will get actual data from the PLC.

## Remote-maintenance Siemens-S7-PLC with PN-Port



Remote-maintenance of a Siemens-controller with network-connection via secure VPN-tunnel of the TeleRouter