Using S7-LAN with an ALF as a WLAN Router
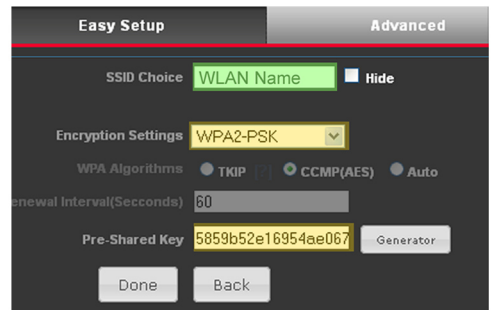
24V power source

patch cable

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

Easy Setup   Advanc

Please select an Operation Mode   AP Router

Next

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

Status   Easy Setup

Wide Area Network (WAN) Settings

WAN Connections   Static (Fixed IP)
MTU   1500

Static Mode

IP Address   192.168.3.1
Subnet Mask   255.255.255.0
Default Gateway

DNS Settings

Secondary DNS Server

Next   Back

3 Configure your IP address and subnet mask

Easy Setup   Advanced

SSID Choice   WLAN Name   Hide

Encryption Settings   WPA2-PSK

WPA Algorithms   TKIP   CCMP(AES)   Auto

enewal Interval(Secconds)   60

Pre-Shared Key   5859b52e16954ae067   Generator

Done   Back

4 Now configure your networkname and encryption

Our recommended encryption is WPA2
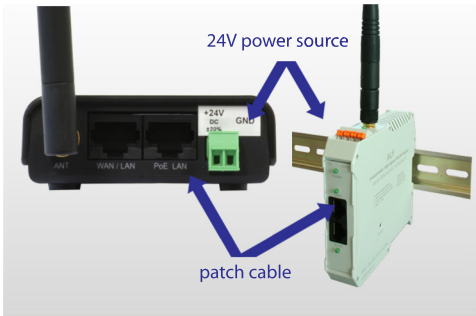

5 Connect the S7-LAN with a patch cable
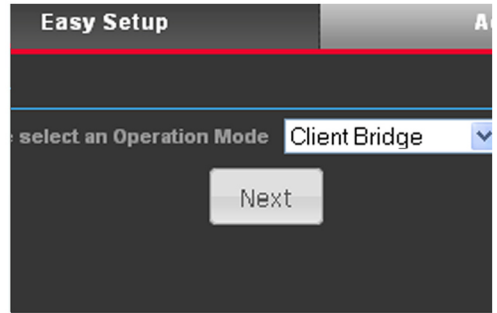Your S7-LAN is now available from every WLAN participants

TIA PORTAL   7

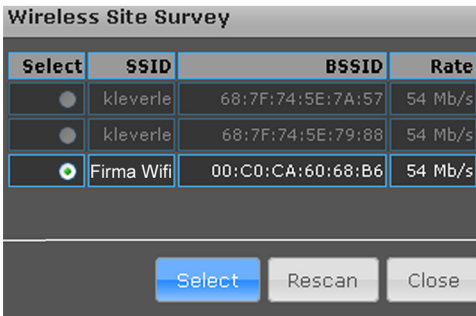**6** Installing TIC driver

TIC driver avaiable on www.tpa-partner.de

Integrate a S7-LAN in a avaiable WLAN with an ALF

24V power source

patch cable

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

Easy Setup

select an Operation Mode Client Bridge

Next

2 Select „Client Bridge" on menu „Easy Setup"

Wireless Site Survey

Select	SSID	BSSID	Rate
○	kleverle	68:7F:74:5E:7A:57	54 Mb/s
○	kleverle	68:7F:74:5E:79:88	54 Mb/s
⊙	Firma Wifi	00:C0:CA:60:68:B6	54 Mb/s

Select   Rescan   Close

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

4 Select your WLAN and enter your passwort. 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 avaiable on
www.tpa-partner.de

Integrate a S5-LAN++ in a avaiable WLAN with an ALF
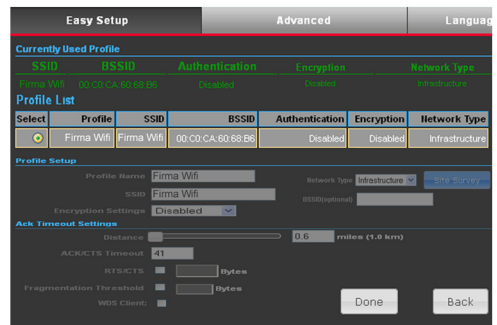

24V power source

patch cable

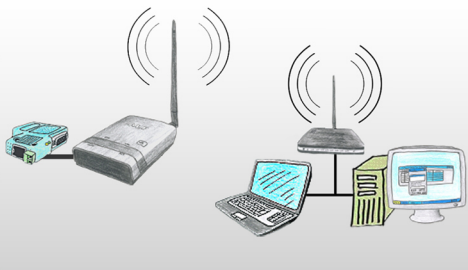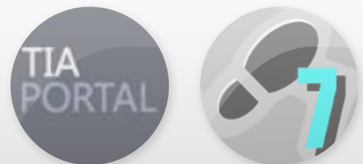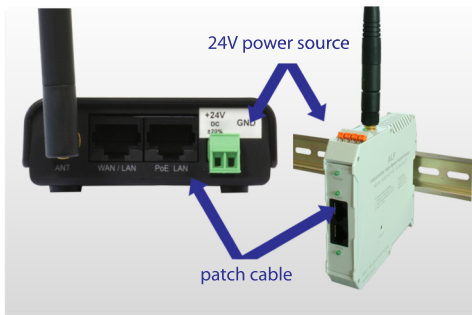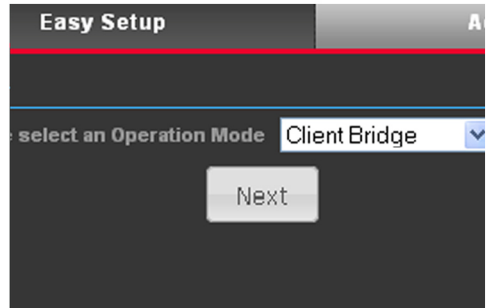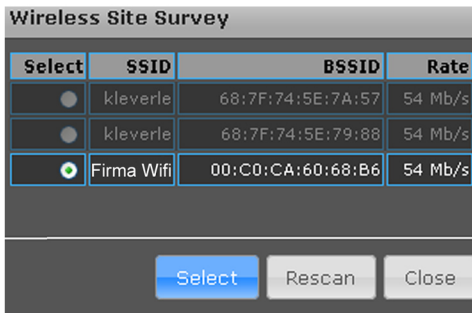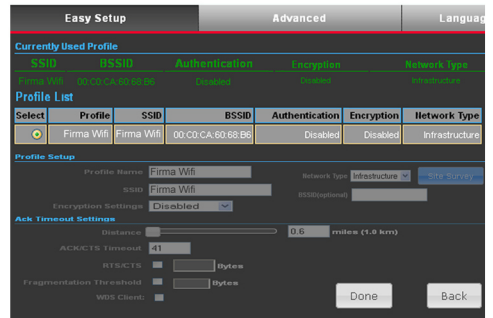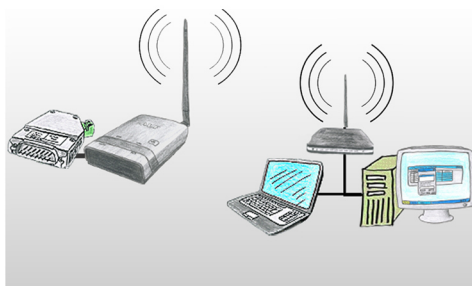**1** Connect the 24V power source and the computer to configure

2 Select „Client Bridge" on menu „Easy Setup"

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

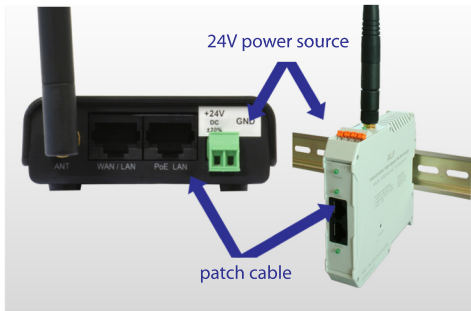**4** Select your WLAN and enter your passwort. Press „Done" to confirm

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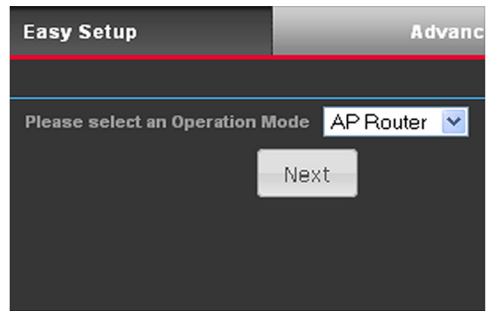Your Module is now integrated

6 Installation:
- S5-Patch for original Step5
- PLCVCOM (virtual COM-Port)
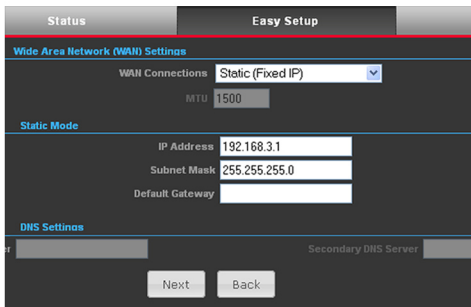Tools available on
www.tpa-partner.de
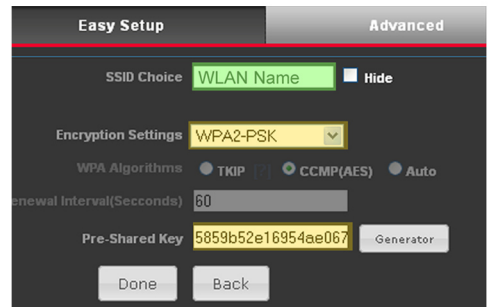
Using S5-LAN++ with an ALF as a WLAN Router

24V power source

patch cable

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

Menutree Website: **QR-Code Website:**
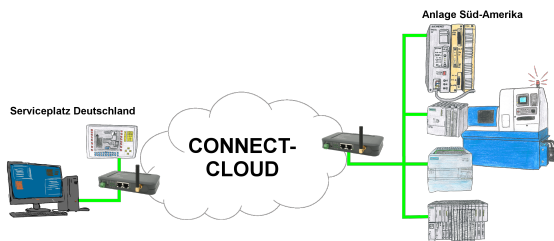
+ Products / docu / downloads
  + Hardware
    + Programming devices
      + Programming adapter S7
        + WLAN/WIFI
          + Profinet PLCs / Ethernet-CPs
            + ALF-Devices
              + ALF

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

| 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.
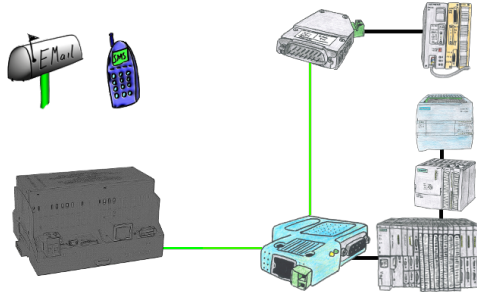
Send directly from your PLC news, statuses, alarms as SMS or email.
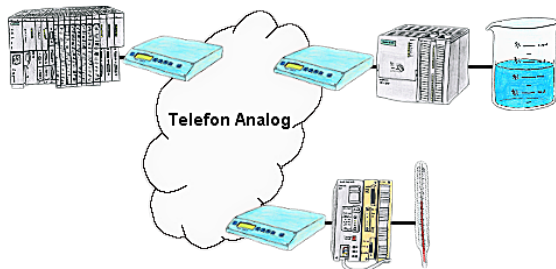
Detect Profinet burglary

Detection and logging of unauthorized access in the defined Profinet
 Attempted break-ins and access to the network are recognized immediately and e.g. reported by email
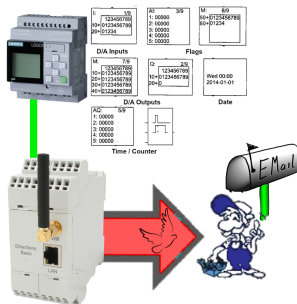 Logging of all accesses in the network for historical processing
 Possible data-storage USB-stick or FTP-server via USB-network-stick.

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. Thereto no dedicated line is required, a "normal" telephone connection is sufficient because the devices hangs up the line after occured message.

Send Email with LOGO!

Send of all kinds of eMail-messages controlled by the LOGO!-Control

Detection and logging of unauthorized access in the defined Profinet
 Attempted break-ins and access to the network are recognized immediately and e.g. reported by email
 Logging of all accesses in the network for historical processing
 Possible data-storage USB-stick or FTP-server via USB-network-stick.

Automatical backup of your PLC
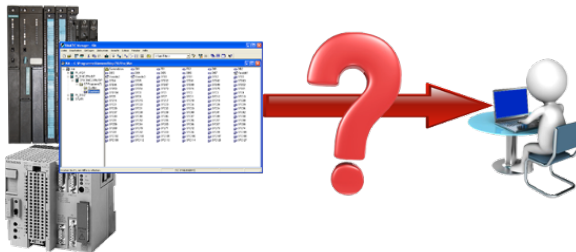
Guaranteeing security against production-downtimes through regular backups of S5- or S7-PLCs on your PC. S5/S7/H1-backup/restore-software saves all projected controls at a predetermined time. Whether every minute, hourly, daily, weekly or once a month, the PLC is completely read out and saved on the hard-disk/network-drive of the computer.
 If the backup-battery fails or the PLC is damaged, you can use this backup-file to restore the PLC.