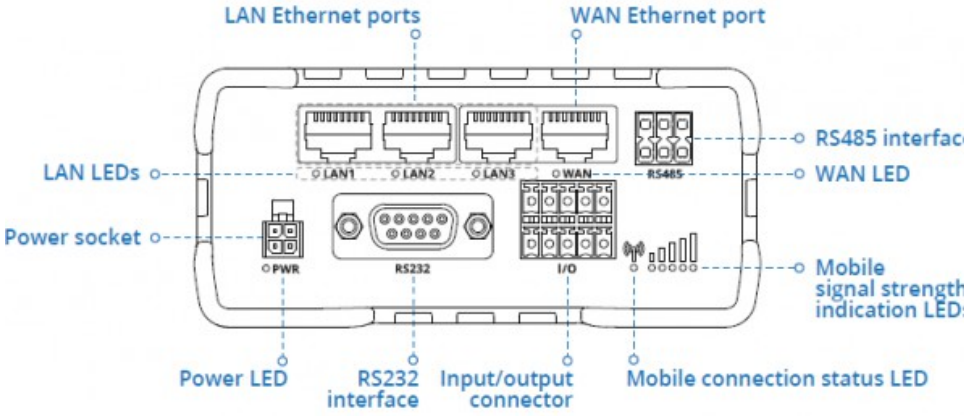
Operation Quick Start Guide V1.0 for

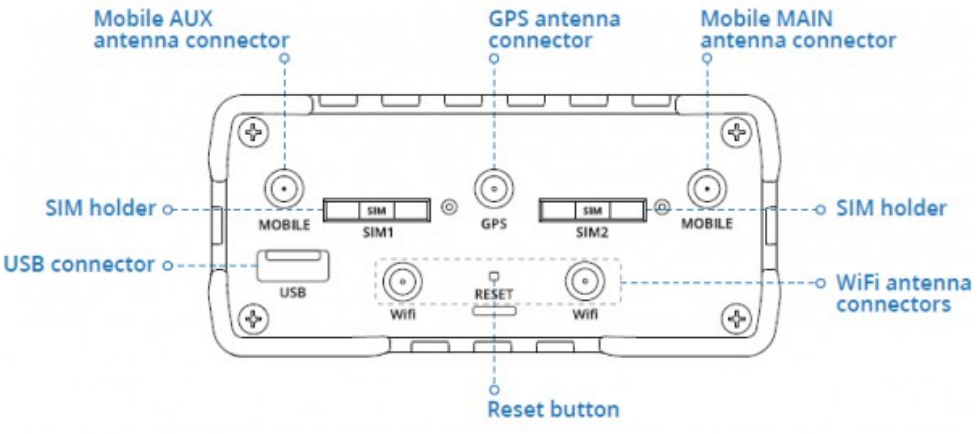
CONNECT-CONTROL-EUROPE
CONNECT-CONTROL-WORLD

This page contains the **brief instructions** for the **CONNECT-CONTROL-devices**. Here you will find an overview of the various components on the front and back, basic hardware installation, initial login information, device specifications and general safety instructions. It is highly recommended that you familiarize yourself with the quick start guide before using the device. If you have a CONNECT-CONTROL-device, you will also find a printed version of the quick start guide in the device packaging or online on the device's product page.

Connections:
Frontside:



Backside:



Power connector:

No	**Description**	**Wire-color**
1	+9 – 30V DC	Red
2	0V	Black
3	E/A	Green
4	E/A	White

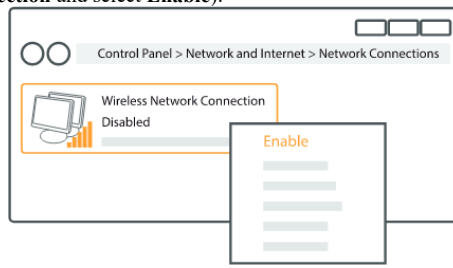
Hardware-installation

1.) Remove the SIM card slot tray(s) with the pin needle. Insert your SIM card(s) and push the tray(s) back into the router. Correct SIM card orientation can be seen in the figure below :

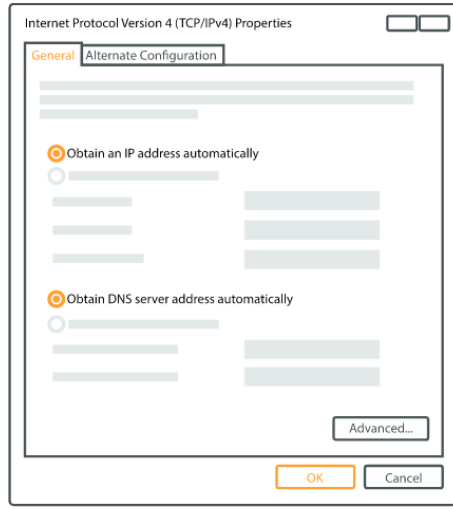
2.) Attach LTE, WiFi and GPS antennas
3.) Connect the power adapter to the power socket located on the front panel of the device. Then plug the other end of the power adapter into a power outlet.
4.) Connect to the CONNECT-CONTROL-device wirelessly or use an Ethernet cable.

Computer-configuration (Windows):

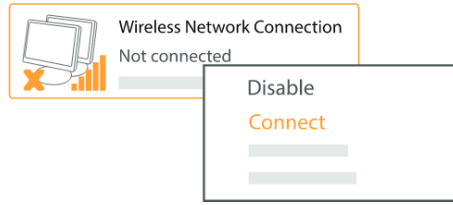
1.) Enable the wireless network connection (go to **Start → Control Panel → Network and Internet → Network and Sharing Center**. In the left panel click the **Change adapter settings** link. Right click on **Wireless Network Connection** and select **Enable**).



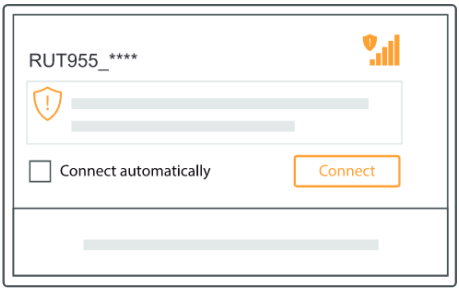
2.) Setup wireless network adapter on your computer (right click on **Wireless Network Connection** and select **Properties**. After that select **Internet Protocol Version 4 (TCP/IP)** and click **Properties**).
3.) Select **Obtain IP address** and **Obtain DNS server address automatically** if they are not selected. Click **OK**.



4.) Right click on **Wireless Network Connection** and select **Connect** to see available wireless networks.

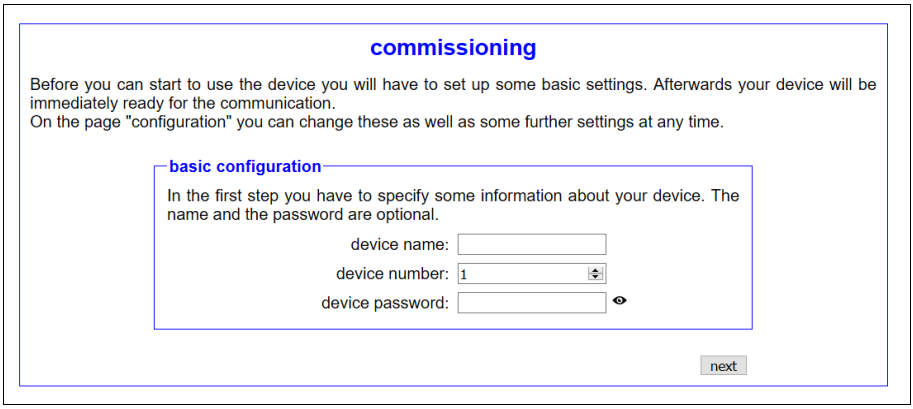


5.) Choose the wireless network **RUT955_****** from the list and click **Connect**. Enter the WiFi password located on the device's label



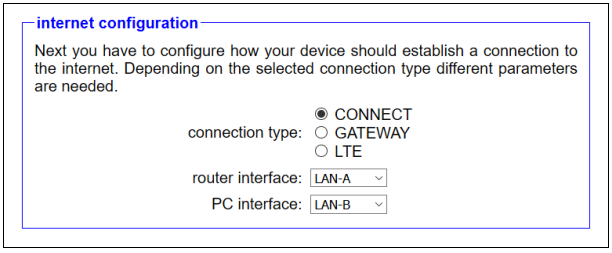
First commissioning:

- Connect laptop to this WiFi network or LAN-cable in one of the 3 LAN-port and open with browser webserver with IP: http://192.168.1.1:

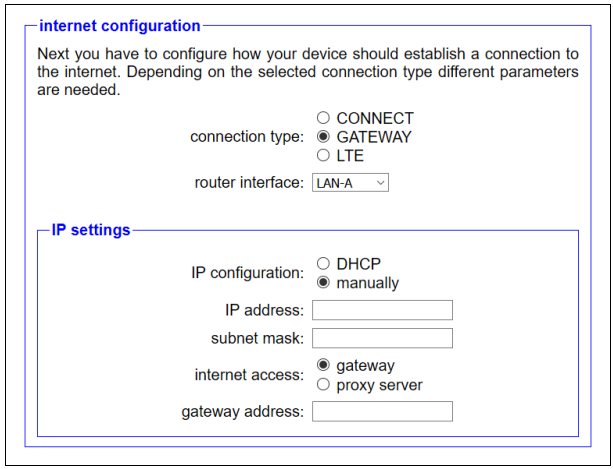


internet configuration:

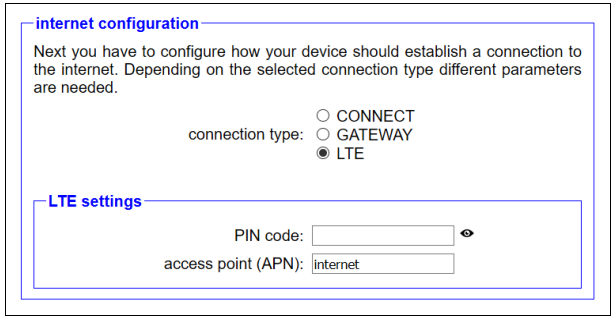
- CONNECT (uses the internet connection of the connected PC)



– Gateway (uses own ip-address for internet connection)



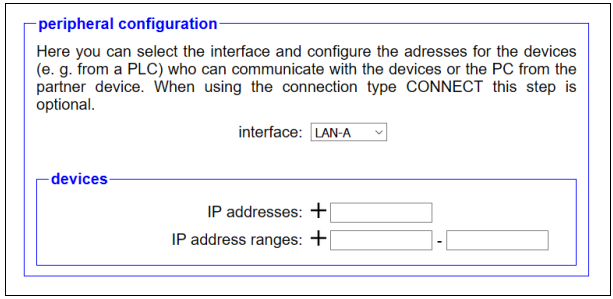
– LTE (uses LTE for the internet connection)



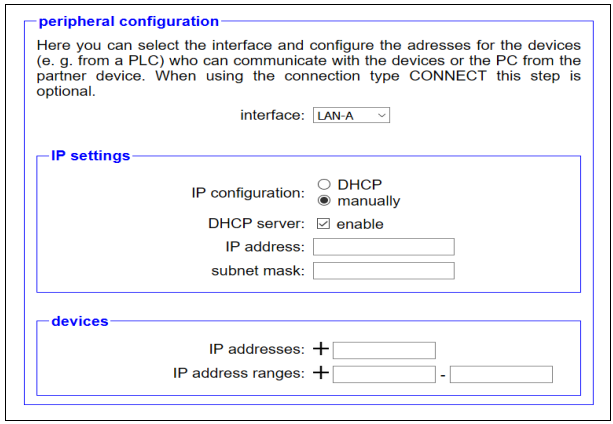
Peculiarity: The APN "internet" is standard for most providers, but can be changed if necessary

peripheral configuration:

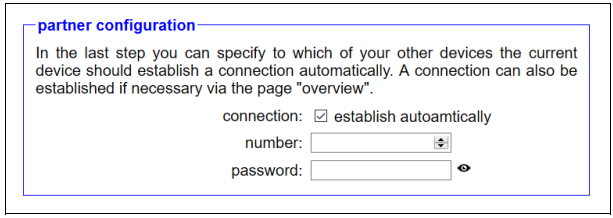
- CONNECT + GATEWAY



- LTE



partner configuration:



Explanation of parameters:

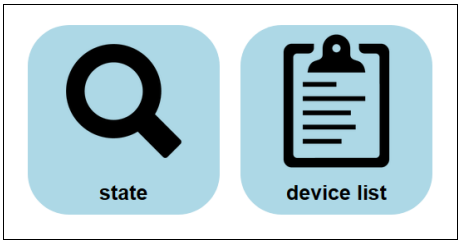
device name:	Device name (max. 15 characters)
device number:	Device number (1-65535) for assigning the connection **(no double device numbers allowed, please note !)**
router interface:	Interface of the CONNECT-CONTROL to the Internet router (depending on the Internet configuration, only sensible possible interfaces are displayed)
PC interface:	Interface of the CONNECT-CONTROL to the internet-compatible PC

Web interface (after first configuration):
Open the CONNECT web interface by clicking "http://192.168.1.1" in your browser with an active WIFI-connection. Or connect your PC to the in the first-configuration specified PC-interface using a LAN-cable and enter "CONNECT" in the address-line of the browser.

Click on the 3 stripes in the top left to open the device menu :

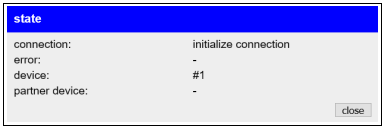
- Overview
- State
- Configuration
- Firmware update

Menu overview (overview of the device) :



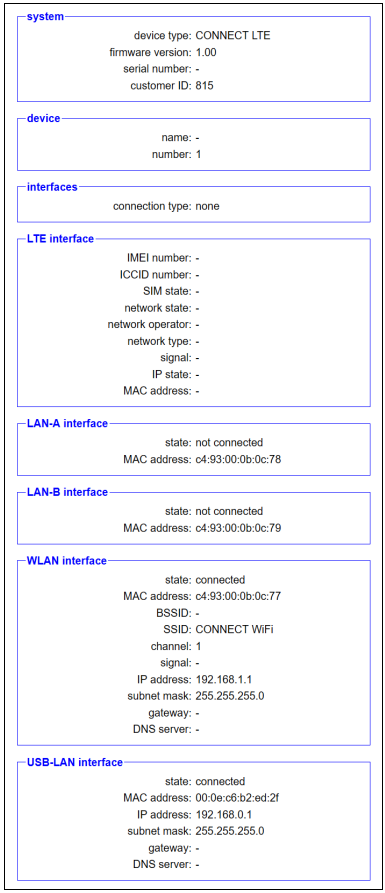
The menu is divided into status and device list. Clicking on the respective area opens a corresponding window. All other menus are shown in this menu frame .

The status display shows parameters of the connection, error messages and information about the connected devices :



The Device list menu shows all devices available in your cloud. You can also establish and end connections to the other devices.

The status menu shows information about the IP / MAC addresses of the connection and information about the device:



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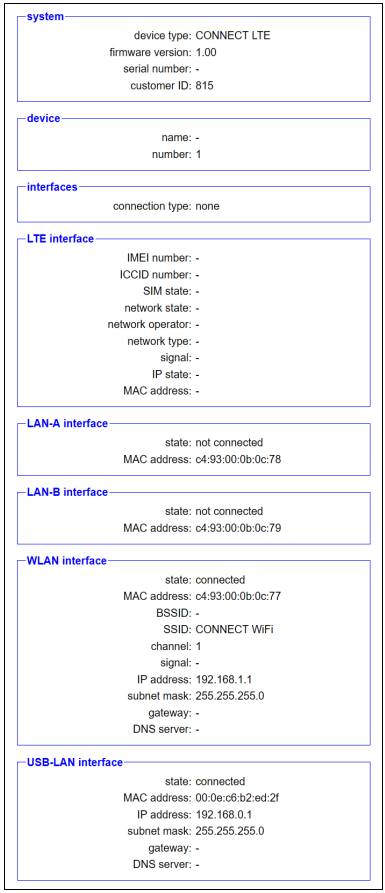

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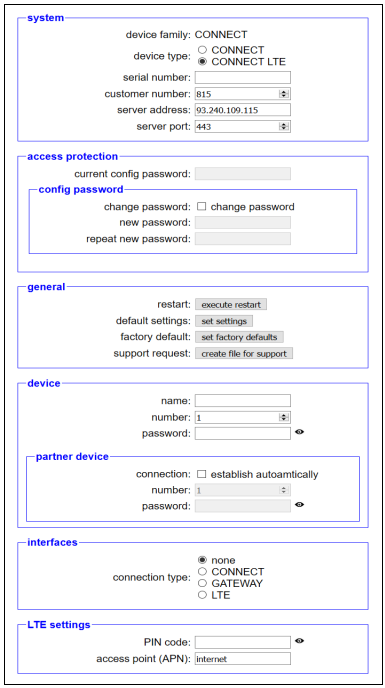
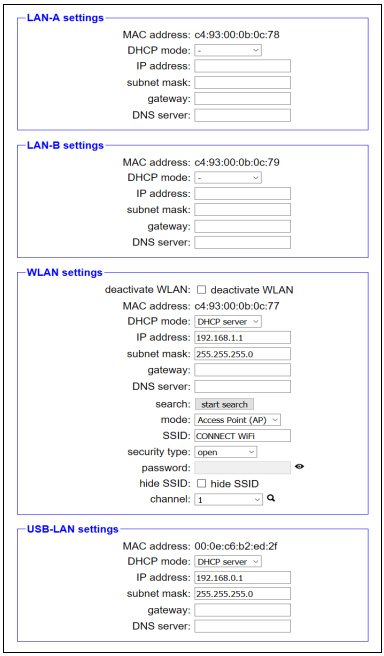
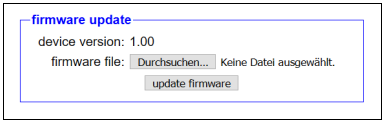




In the Firmware Update menu, the firmware of the CONNECT-CONTROL-device is updated.



To do this, download the current firmware file to your PC from the product page. With Browse you select this file and accept it. The file name is displayed in the user interface for checking. By clicking Update firmware, the firmware file is loaded into the device and burned to the flash memory after a positive check. The device then restarts.

You can find more about the product and the current device manual on the product page of the CONNECT-CONTROL-device.

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
Im Gewerbegebiet 1
DE-73116 Wäschenbeuren
+49 (0) 7172-92666-0

info@process-informatik.de
https://www.process-informatik.de

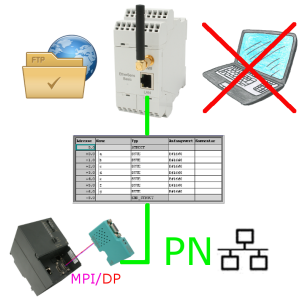
Menutree Website:

+ Products / docu / downloads
  + Hardware
    + Remote maintenance
      + S5
        + Internet
          + CONNECT devices
            + CONNECT-CONTROL
              + CONNECT-CONTROL Europe-LTE

QR-Code Website:

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

Data backup S7-PLC over MPI/Profibus on FTP-server



S7-PLC triggered DB-backup/-restore without additional PC via MPI/Profibus on FTP-server

Universal communication at all interfaces

Wired or wireless communication (WIFI) via the same adapter with the respective control Devices from the BRIDGE-family always connect a wired-network with a wireless-network (WIFI) and a specific PLC-interface. This gives you access to the directly connected controller via WIFI (with S7 to the entired bus) as well as to the wired Ethernet. Of course also from wired Ethernet to WIFI and control/bus.

Always connected to each other, all made possible by the devices of the BRIDGE-family.