Operation Quick Start Guide V1.0 for

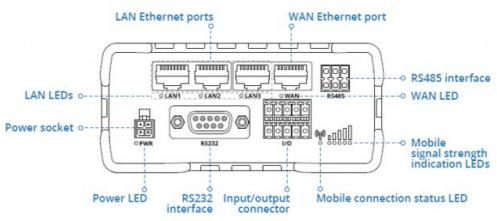
CONNECT-CONTROL-EUROPE CONNECT-CONTROL-WORLD



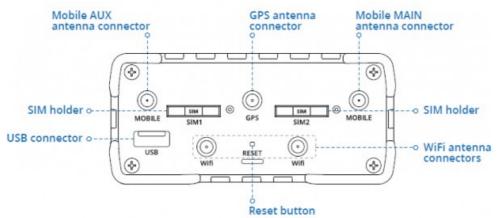
This page contains the **brief instructions** for the **CONNECT-CONTROL-devices**. Here you will find an overview of the various components on the front and back, basic hardware installation, initial login information, device specifications and general safety instructions. It is highly recommended that 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	3 4

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):

 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).

Control Panel > Network	and Internet > Netw	ork Connections
Wireless Network Conne Disabled	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**.

Internet Protocol Version 4 (TCP/IPv4) Properties	
General Alternate Configuration	
 Obtain an IP address automatically 	
Obtain DNS server address automatically	
0	- L
Adva	inced
ОК	Cancel

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

Wireless Ne Not connec	etwork Connection	
	Disable Connect	

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

RUT955_****	% al
\bigcirc	
Connect automatically	Connect

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:

commis	sioning
Before you can start to use the device you will have to se immediately ready for the communication. On the page "configuration" you can change these as well	
basic configuration	
In the first step you have to specify so name and the password are optional.	ne information about your device. The
device name:	
device number:	1
device password:	•
	next

internet configuration:

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

device should establish a connection to ed connection type different parameters
CONNECT GATEWAY LTE
LAN-A ~
LAN-B ~

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

	device should establish a connection to ad connection type different parameters
connection type:	 ○ CONNECT ● GATEWAY ○ LTE
router interface:	LAN-A ~
- IP settings IP configuration:	 ○ DHCP ● manually
IP address:	
subnet mask:	
internet access:	● gateway ○ proxy server
gateway address:	

- LTE (uses LTE for the internet connection)

internet configuration	
	device should establish a connection to d connection type different parameters
connection type:	○ CONNECT ○ GATEWAY ◉ LTE
LTE settings	
PIN code:	•
access point (APN):	internet

Peculiarity:

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

peripheral configuration:

-	CONNECT + GATEWAY
---	-------------------

-pe	eripheral configuration
(e. pa	are you can select the interface and configure the adresses for the devices g . from a PLC) who can communicate with the devices or the PC from the ruther device. When using the connection type CONNECT this step is stional.
	interface: LAN-A v
	devices
	IP addresses: +
	IP address ranges: +

– LTE

Here you can select the interface and (e. g. from a PLC) who can communic partner device. When using the con optional.	ate with the devices or the PC from th
interface:	LAN-A ~
- IP settings	
IP configuration:	○ DHCP● manually
DHCP server:	⊠ enable
IP address:	
subnet mask:	
devices	
IP addresses:	+
IP address ranges:	+

partner configuration:

- p	partner configuration		
In the last step you can specify to which of your other devices the current device should establish a connection automatically. A connection can also be established if necessary via the page "overview".			
	connection: 🗹 establish autoamtically		
	number:		
	password:		

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

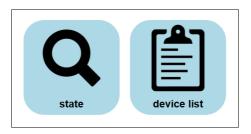
Web interface (after first configuration):

Open the CONNECT web interface by clicking "http://192.168.1.1" in your browser with an active WIFIconnection. 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) :



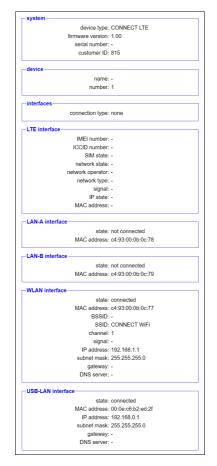
The menu is divided into status and device list. Clicking on the respective area opens a corresponding window. All other menus are shown in this menu frame .

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

state		
connection: error:	initialize connection	
device:	- #1	
partner device:	-	
		close

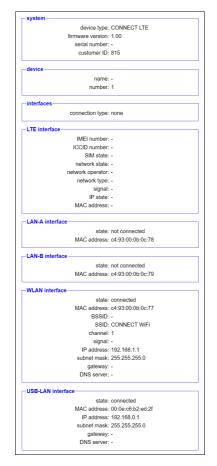
The Device list menu shows all devices available in your cloud. You can also establish and end connections to the other devices.

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



In the Configuration menu, the expert configuration will be carried out differently from the quick commissioning of the device. For example, you can set the DHCP mode, set IP addresses, and carry out the basic configuration of the device again.

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device type: CONNECT LTE serial number: 0 server address: 0.2010.01.15 server address: 0.2010.01.15 server address: 0.2010.01.15 server address: 0.2010.02.17 DNS server: 0 config password: 0 config password: 0 config password: 0 repeat new password: 0 repeat new password: 0 repeat new password: 0 restart: coacte restart. default settings: settings factory default: setticky defaults subnet mask: 0 general coacte restart. default settings: settings general coacte restart. default settings: settings support request: restart: number: 0 password: 0 password:<	system		LAN-A settings						
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customer number: 815 ● server address: 09.200.100.15 ● server port: 43 ● current config password: □ □ repeat new password: □ □ general □ □ detault: settings: ∞ factory default: ∞ □ factory default: ∞ ○ general: □ □ general: □ □ device: name: □ number: □ ● password: ● □ password: ● □ password: ● □ password: □ ● interfaces ● none □ connection: ● stabileh autoantically □ pa	device type:	CONNECT LTE	IP address:						
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repeat new password:			subnet mask:						
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number: ■ partner device ● connection: ● stabilsh autoamtically number: ■ password: ● security type: ○ password: ● interfaces ● interfaces ● © connection type: ○ ○ ○ USB-LAN settings USB-LAN settings USB-LAN settings USB-LAN settings DHCP mode: ○ UTE Subnet PIN code: ●	name:			start sourch					
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	access point (APN):	internet							

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.

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 - + CONNECT-CONTROL
 - + CONNECT-CONTROL Europe-LTE







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



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.