

# GUDE Power Cloud

## Manual

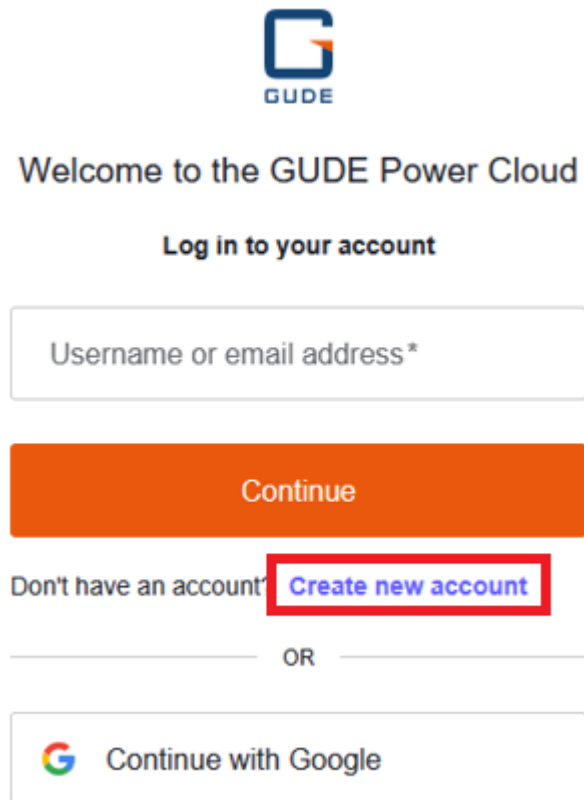


**Step 1: Create an account.**

Go to the website <https://www.cloud.gude-systems.com> and click **Continue**.



Click **Create a new account** to create an account.



Enter a valid business email address and click **Continue**. In the next step, choose a username and password. Complete the registration by clicking **Register**.

The image displays two screenshots of the GUDE Power Cloud registration interface. Both screenshots feature the GUDE logo at the top center and the text "Welcome to the GUDE Power Cloud" and "Create Your Account".

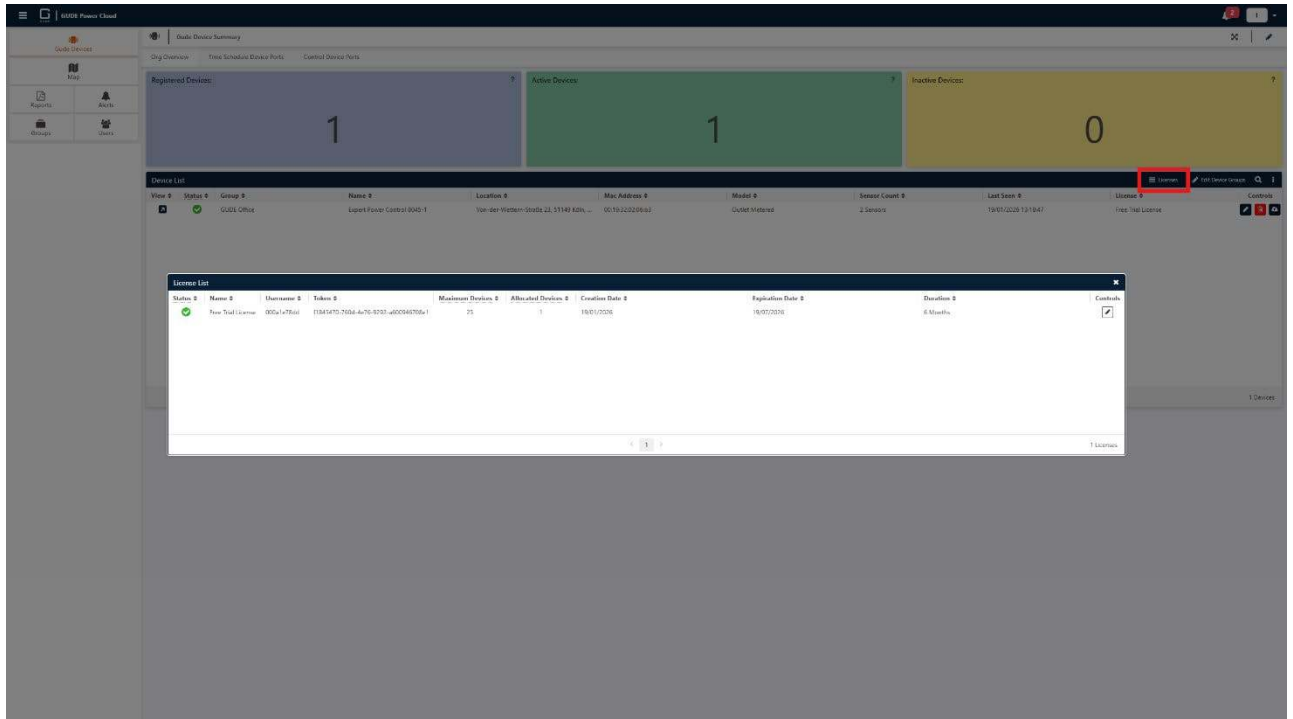
**Left Screenshot:** Shows the first step of registration. The "Email address\*" field contains "[YOUR EMAIL ADDRESS]". Below the field is an orange "Continue" button. At the bottom, there is a link "Already have an account? Login" and a "Continue with Google" button.

**Right Screenshot:** Shows the second step of registration. The "Username\*" field contains "GudePowerCloud" with an "Edit" link. The "Password\*" field is masked with dots and has an eye icon. Below the password field, a list of requirements is shown: "Your password must contain:" followed by four checked items: "At least 8 characters", "At least 3 of the following:", "Lower case letters (a-z)", "Upper case letters (A-Z)", "Numbers (0-9)", and "Special characters (e.g. !@#\$%^&\*)". Below this list is an orange "Register" button and a link "Already have an account? Login".

After completing the registration, you will receive a verification email which you must confirm.

## Step 2: Adding a GUDE PDU.

After registration, you will receive a free trial license, which can be found in the dashboard under **Gude Device Summary > Licenses**.



Open the WebGUI of the GUDE PDU and go to **Configuration > Protocols > MQTT**, then enable MQTT (**Enable MQTT: yes**). The following settings are required:

- Broker: mqtt.gude-systems.com
- TLS: yes
- TCP Port: 8883
- Username: License Username from the GUDE Power Cloud
- Set new password/Repeat password: Token-ID from the GUDE Power Cloud
- Client ID: MAC-Address the GUDE PDU
- Permit CLI commands: yes
- Publish device data summary interval: 300 s
- **IMPORTANT:** All fields not listed above must remain unchanged.

If the connection to the MQTT-Broker is successful, you will see the following message in the MQTT Logs: "MQTT client subscribed 'de/gudesystems/epc/[MAC]/cmd/#' successfully".

**MQTT**

Enable MQTT:  yes  no

Broker:

TLS:  yes  no

TCP Port:  (Default: 8883)

Username:

Set new password:

Repeat password:

Client ID:

Quality of Service (QoS):  ▾

Keep-alive ping interval:  s (minimum 10s)

Topic Prefix:   
de/gudesystems/epc/00:19:32:02:06:b3

Permit CLI commands:  yes  no

Publish device data summary interval:  s (0=disabled)

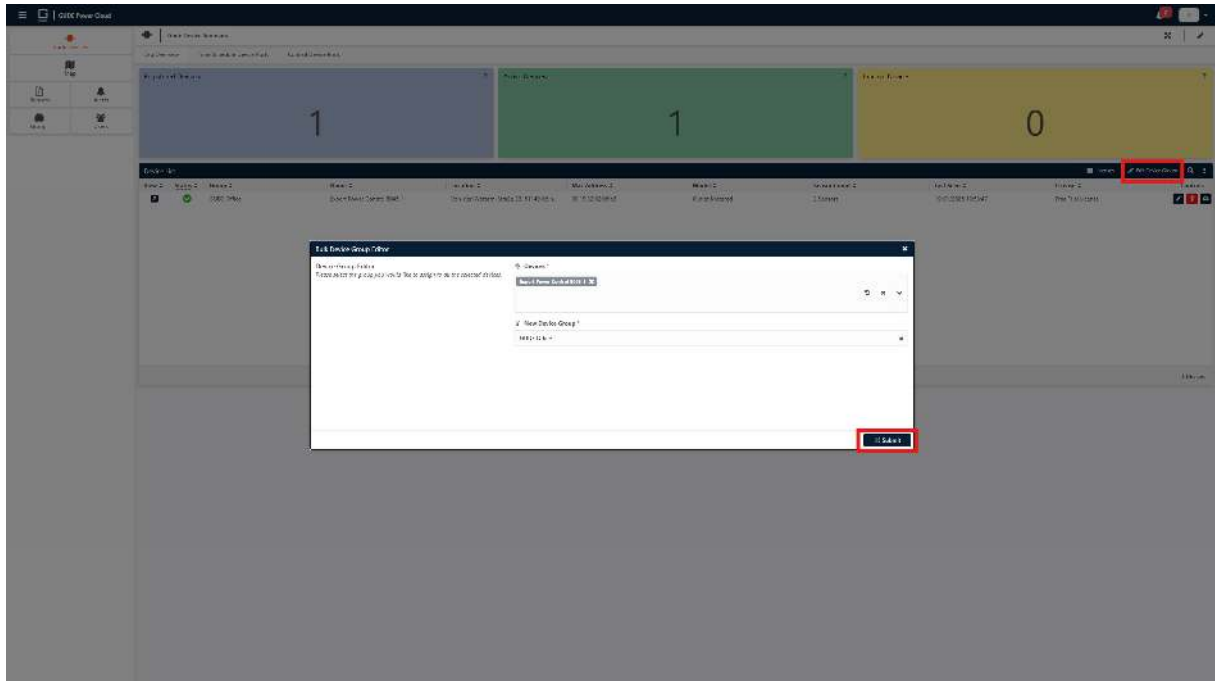
Apply

- MQTT Logs**
- MQTT client subscribed 'de/gudesystems/epc/00:19:32:02:06:b3/cmd/#' successfully
  - MQTT client connected
  - MQTT sending client id:'00:19:32:02:06:b3' username:'000a1e78dd'
  - MQTT broker connected
  - MQTT broker DNS resolved
  - MQTT broker DNS not yet resolved
  - MQTT resolving host 'mqtt.gude-systems.com' TCP port 8883

- MQTT Broker Status**
- Broker DNS ready, connected since 4 seconds
  - Last publish 2 seconds ago



Navigate back to the device overview under **Gude Devices > Gude Device Summary**. Using **Edit Device Groups**, you can select multiple GUDE PDUs via multi-selection and assign them to a group. Complete the group assignment by clicking **Submit**.



**GUDE Systems GmbH**  
Von-der-Wettern-Str. 23  
51149 Köln

E-Mail: [info@gude-systems.com](mailto:info@gude-systems.com)  
Web: [www.gude-systems.com](http://www.gude-systems.com)  
Tel.: +49-221-985 925 0