# GUDE Power Cloud

## Manual

GUDE

**Step 1: Create an account.**

Go to the website [cloud.gude-systems.com](cloud.gude-systems.com) and click *Continue*.



Click *Create new account* to create an account.
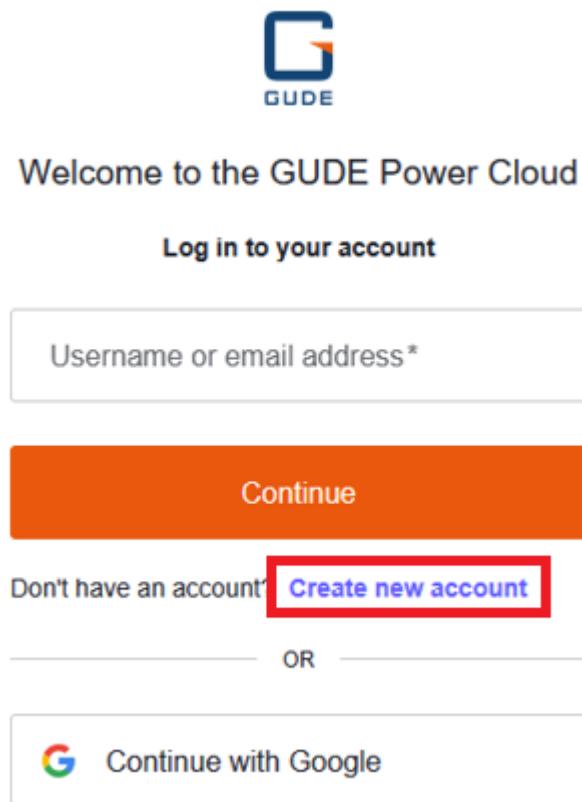
Enter a valid business email address and click *Continue*. In the next step, choose a username and password. Complete the registration by clicking *Register*.



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*.
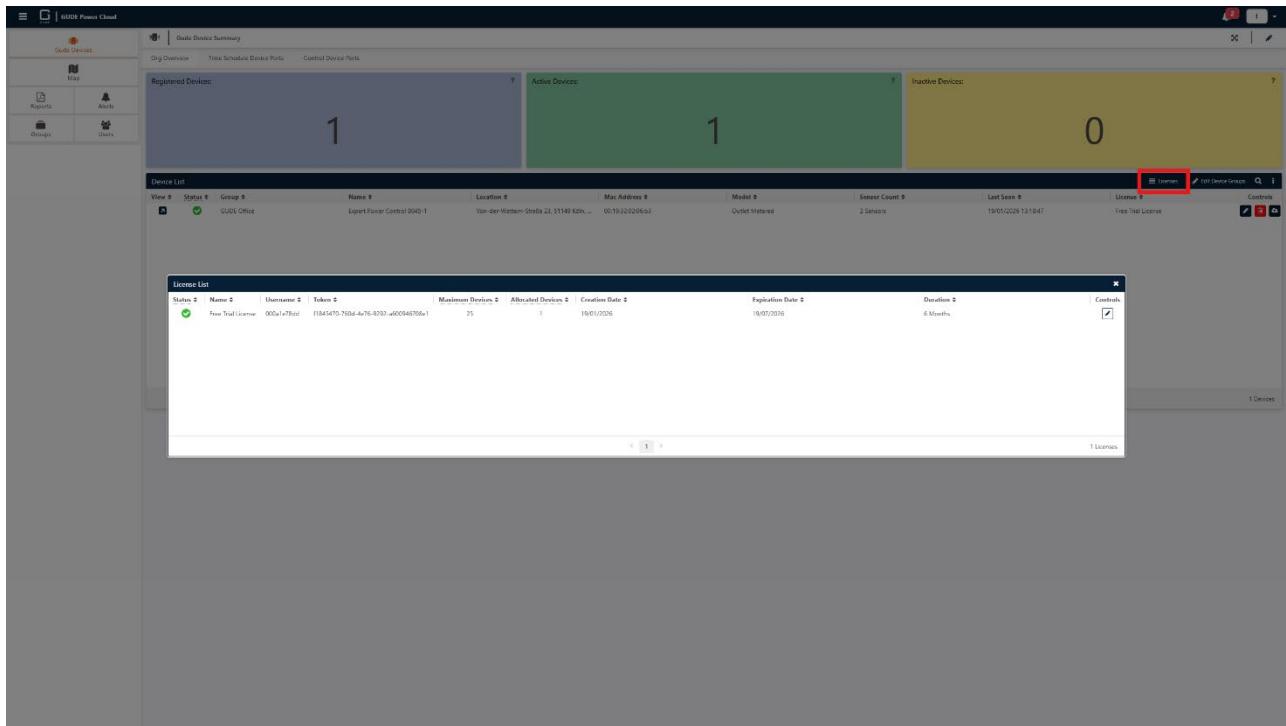


Open the WebGUI of the GUDE PDU and go to *Configuration > Protocols > MQTT*, then enable MQTT (*Enable MQTT: yes*). The following settings are required:
- Broker: mqtt.gude-systems.com
- TLS: yes
- TCP Port: 8883
- Username: License Username from the GUDE Power Cloud
- Set new password/Repeat password: Token-ID from the GUDE Power Cloud
- Client ID: MAC-Address of your 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: | mqtt.gude-systems.com |
| TLS: | ● yes ○ no |
| TCP Port: | 8883  (*Default: 8883*) |
| Username: | 000a1e78dd |
| Set new password: | ●●●●●●●●●●●●●●●●●●●●●●●●●●●●●● |
| Repeat password: | ●●●●●●●●●●●●●●●●●●●●●●●●●●●●●● |
| Client ID: | 00:19:32:02:06:b3 |
| Quality of Service (QoS): | At most once (QoS 0) ∨ |
| Keep-alive ping interval: | 300  s (*minimum 10s*) |
| Topic Prefix: | de/gudesystems/epc/[mac] |
| | *de/gudesystems/epc/00:19:32:02:06:b3* |
| Permit CLI commands: | ● yes ○ no |
| Publish device data summary interval: | 300  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

After a maximum of 5 minutes, your GUDE PDU will be automatically added to your account and will appear in the *Gude Device Summary* overview.
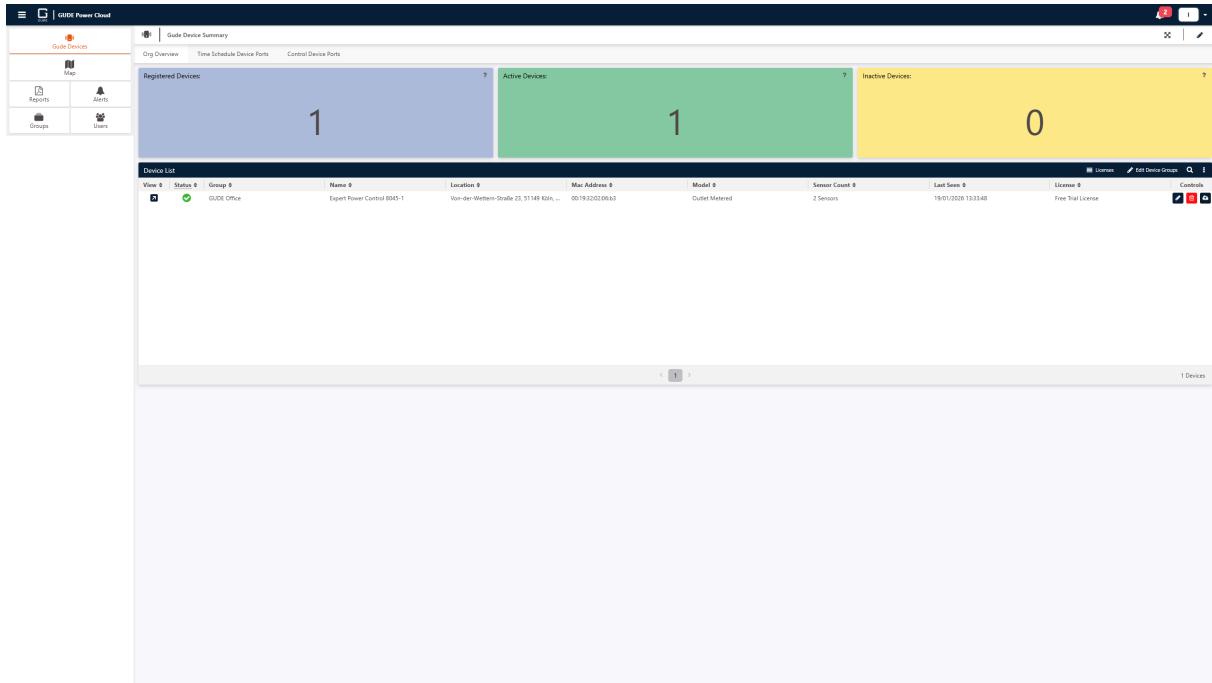


### Step 3: Move a GUDE PDU to a Group.
Groups allow you to organize your GUDE PDUs systematically. Groups can represent locations, rooms, floors, customers, etc.

To create a group, go to the *Groups* dashboard and click *Create new*. Enter a name and optionally an address, then click *Create*.
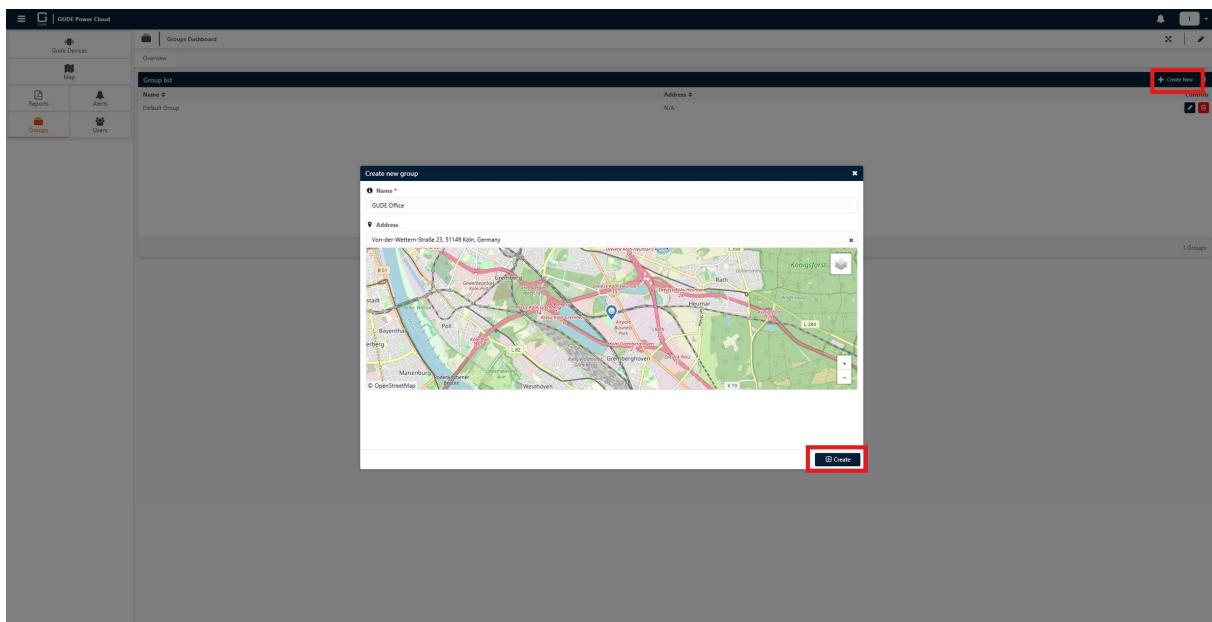
Navigate back to the device overview under *Gude Devices > Gude Device Summary*.
Using *Edit Device Groups*, you can select multiple GUDE PDUs via multi-selection and assign them to a group. Complete the group assignment by clicking *Submit*.
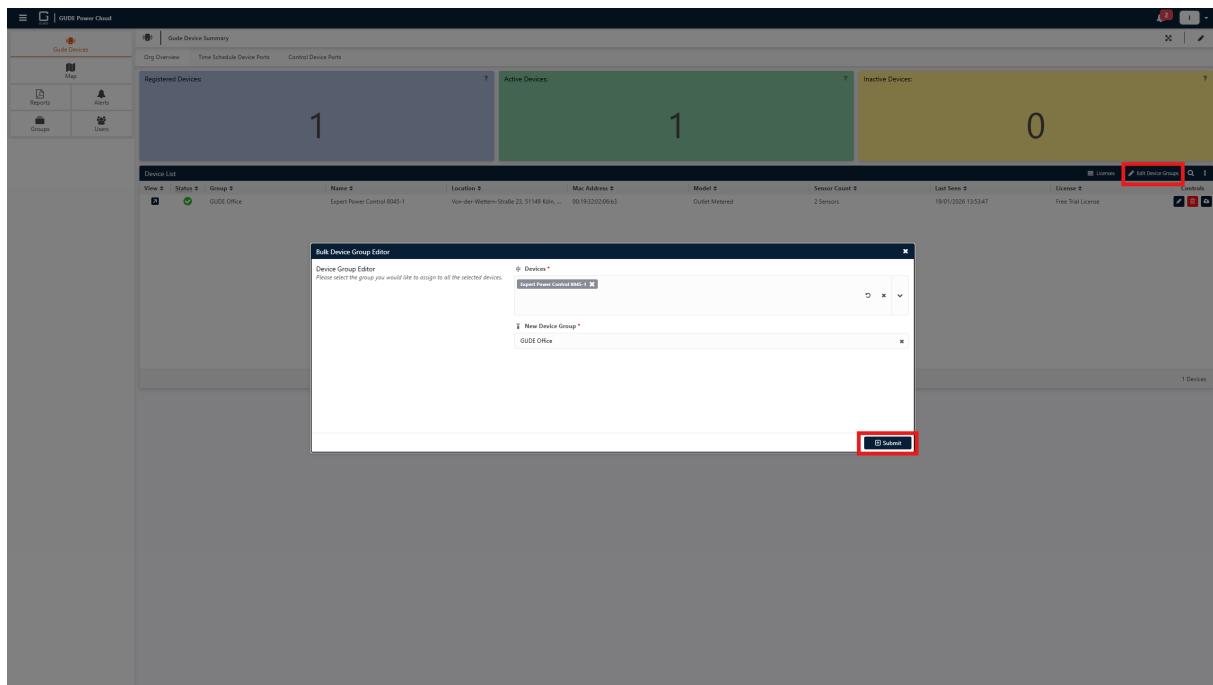


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