

# GUDE Power Cloud

## Manual

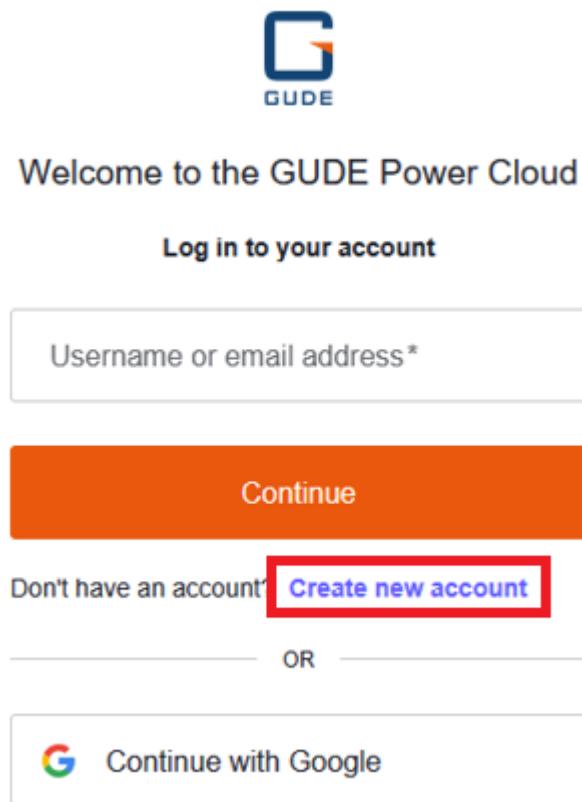


**Step 1: Create an account.**

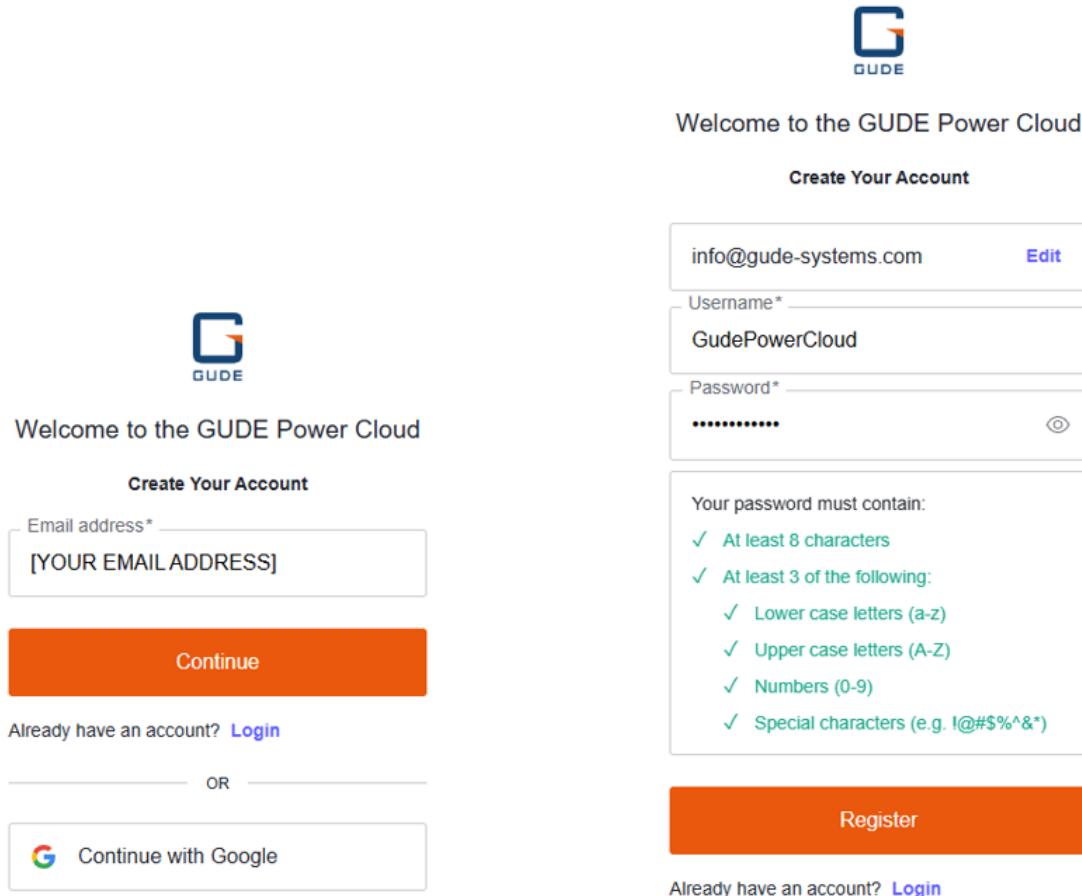
Go to the website [cloud.gude-systems.com](http://cloud.gude-systems.com) and click **Continue**.



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**.



The image shows the registration process for the GUDE Power Cloud. It consists of two main sections: a left sidebar and a right main content area.

**Left Sidebar:**

- Logo: GUDE
- Welcome message: Welcome to the GUDE Power Cloud
- Section title: Create Your Account
- Input field: Email address\* [YOUR EMAIL ADDRESS]
- Input field: Continue
- Text: Already have an account? [Login](#)
- OR
- Input field: Continue with Google

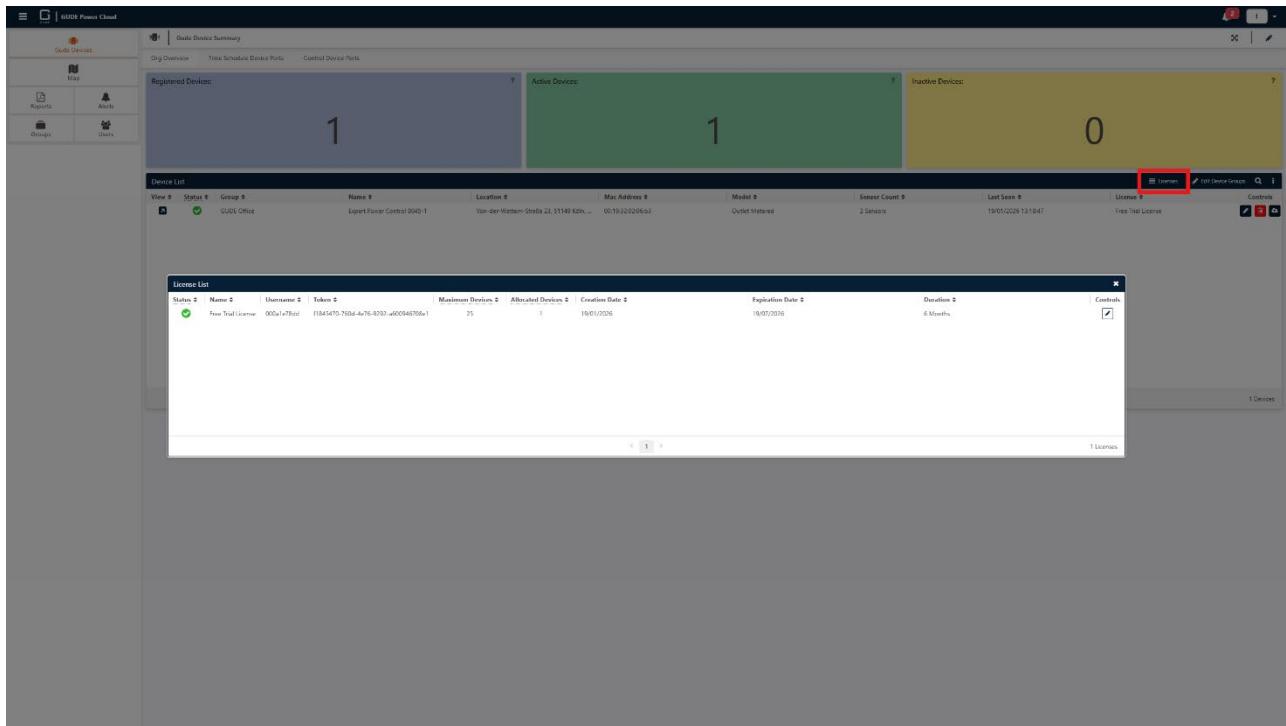
**Right Main Content Area:**

- Logo: GUDE
- Welcome message: Welcome to the GUDE Power Cloud
- Section title: Create Your Account
- Input field: info@gude-systems.com [Edit](#)
- Input field: Username\* GudePowerCloud
- Input field: Password\* [REDACTED]
- Text: Your password must contain:
  - ✓ At least 8 characters
  - ✓ At least 3 of the following:
    - ✓ Lower case letters (a-z)
    - ✓ Upper case letters (A-Z)
    - ✓ Numbers (0-9)
    - ✓ Special characters (e.g. !@#\$%^&\*)
- Input field: Register
- Text: 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 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**

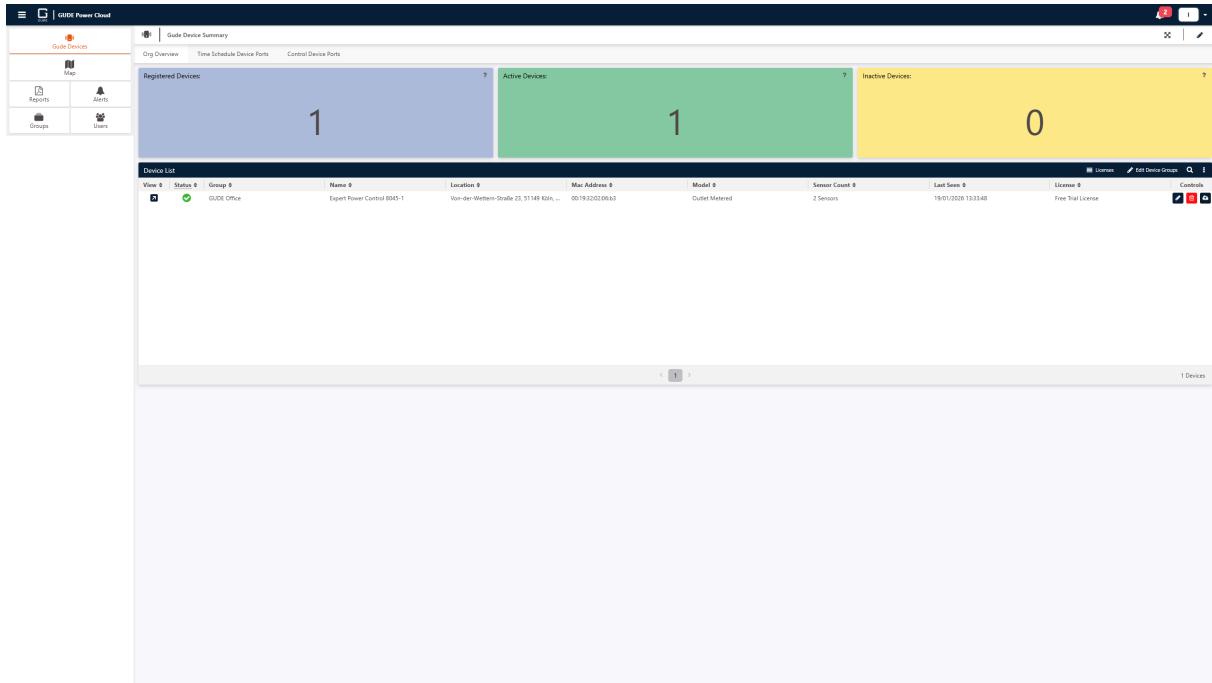
**MQTT Logs**

- 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

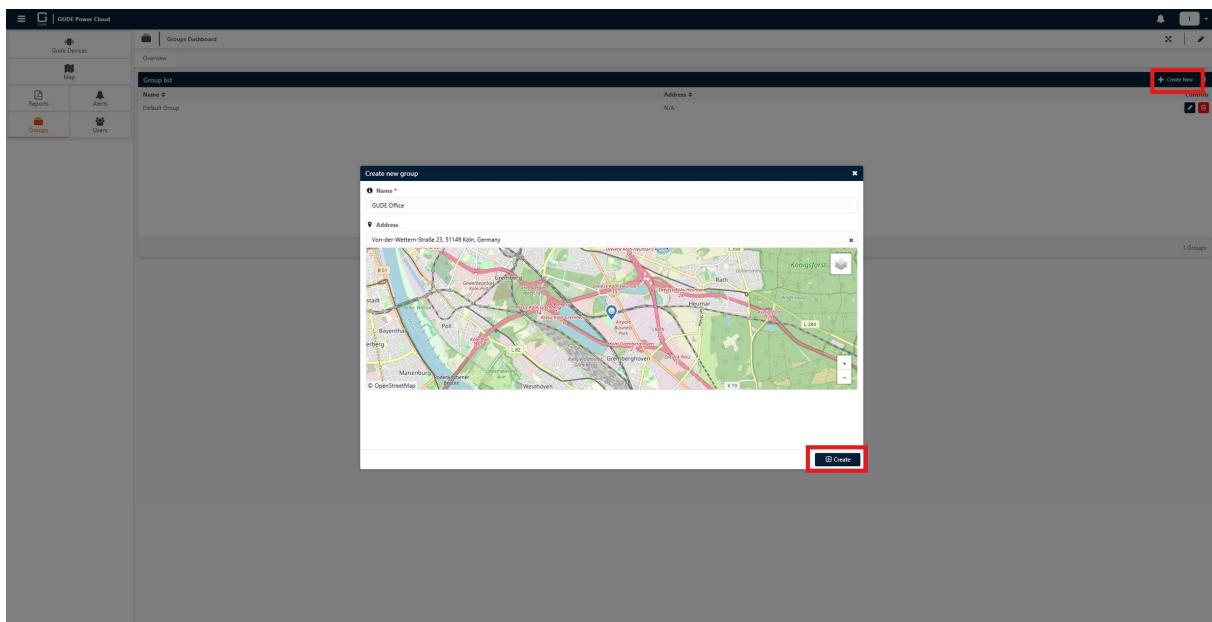
After a maximum of 5 minutes, your GUDE PDU will be automatically added to your account and will appear in the ***Gude Device Summary*** overview.



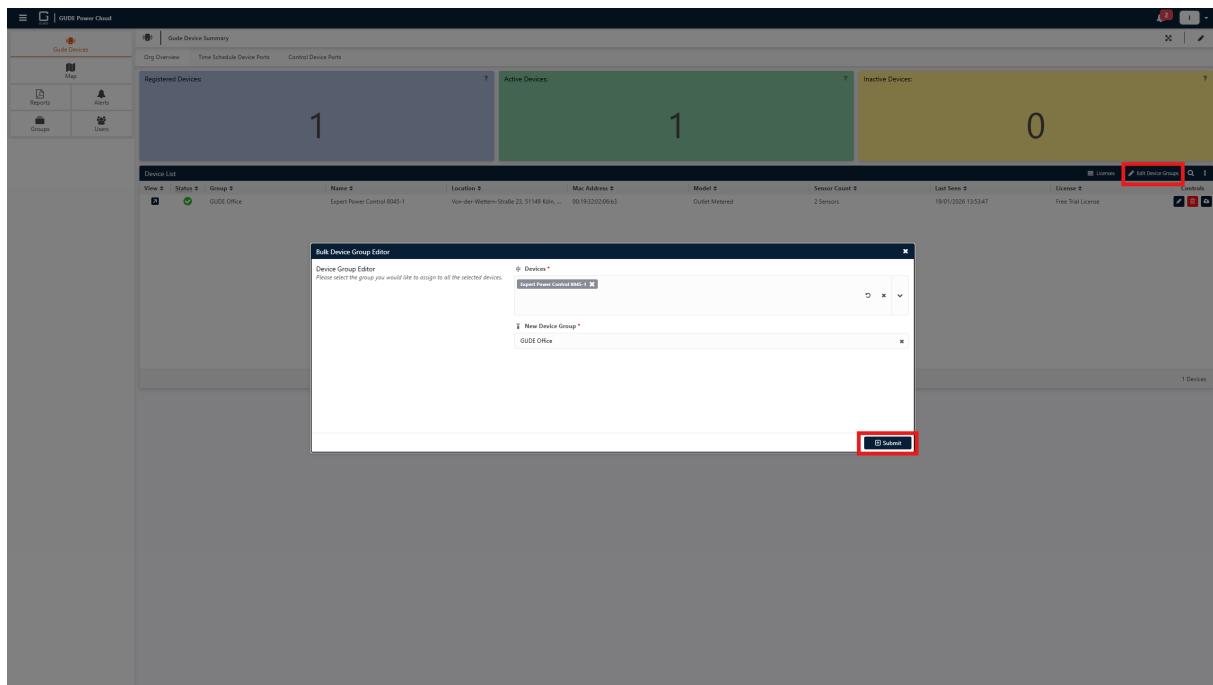
### Step 3: Move a GUDE PDU to a Group.

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 ***Guude Devices > Guude 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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