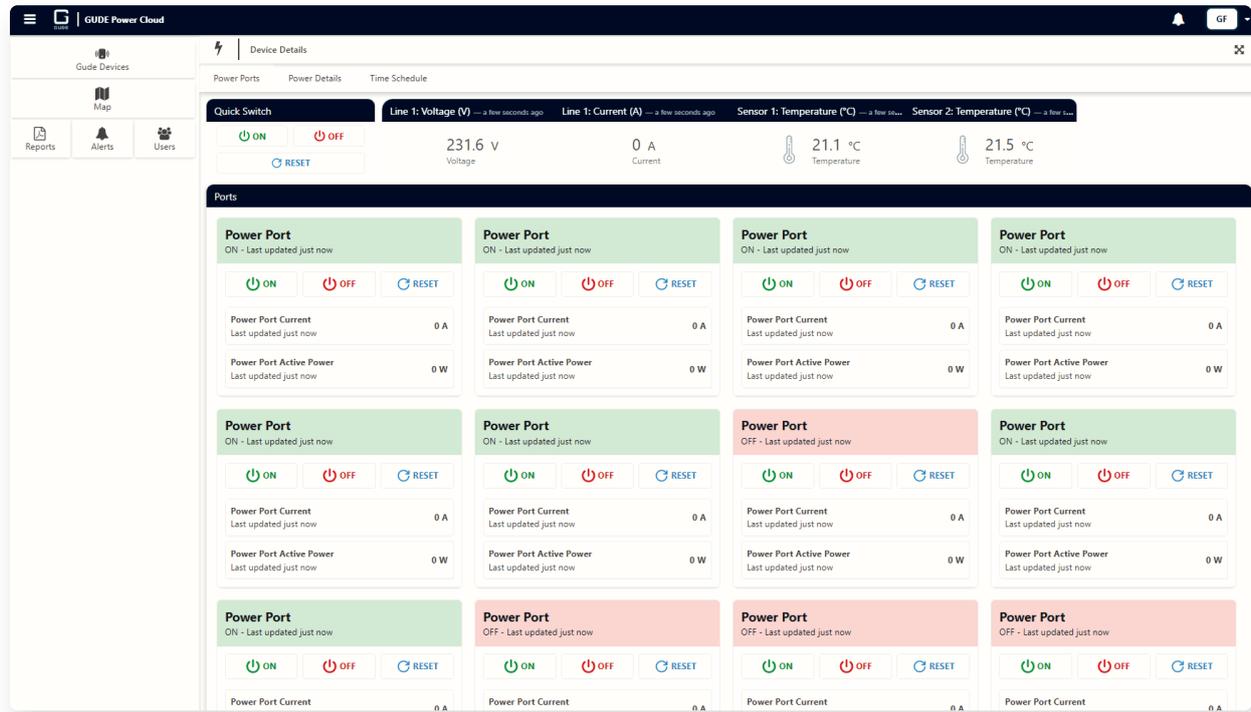# GUDE Power Cloud `new`

Cloud-based management and monitoring software for the power supply of distributed AV and IT infrastructures.

Device dashboard: Quick overview and easy control of all smart PDUs from GUDE in the installation.

Features at a glance

› Centralized management and remote access

Bundle all smart PDUs from GUDE in one interface, monitor and control devices across locations, and restart them if necessary.

› Transparent energy monitoring

Consumption data enables load distribution to be optimized, thereby reducing energy consumption and operating costs.

› High reliability

Automated alarm messages provide early warning of malfunctions and help to prevent downtime.

› Time and cost efficiency

Reduces on-site visits and simplifies and accelerates operating and maintenance processes.

› Scalable and future-proof

Grows flexibly from small, individual installations to large, distributed infrastructures.

› Secure system administration

Encrypted communication and clearly defined user rights protect the infrastructure.

GDPR
Compliant

ISO 27001
Certified service

EU Server
Hosting

End-to-End
Encryption

GUDE Power Cloud `new`

Cloud-based management and monitoring software for the power supply of distributed AV and IT infrastructures.

Function overview

Switching function

- Remote restarts to prevent system-critical conditions
- Switching of individual sockets or defined device groups
- Programmable schedules and switch-on/switch-off sequences to increase energy efficiency
- Event-based switching operations through threshold value definition
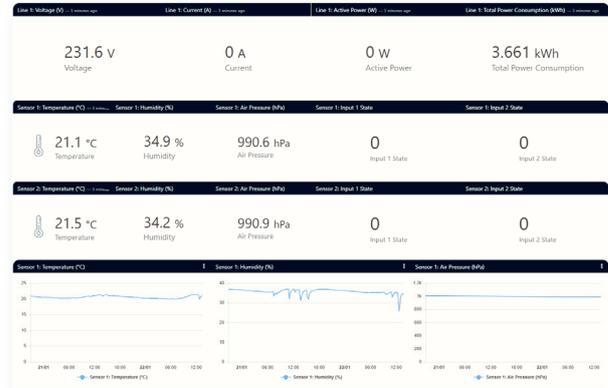
Measurement function

- Detailed monitoring of current, voltage, power, and energy consumption
- Measurement and graphical display of current (A), voltage (V), phase angle, power factor, frequency (Hz), active power (W), apparent power (VA), and reactive power (VAr)
- Evaluation and graphical display of connected sensors (temperature, humidity, and air pressure) to prevent frequently occurring physical hazards such as overheating and increased humidity
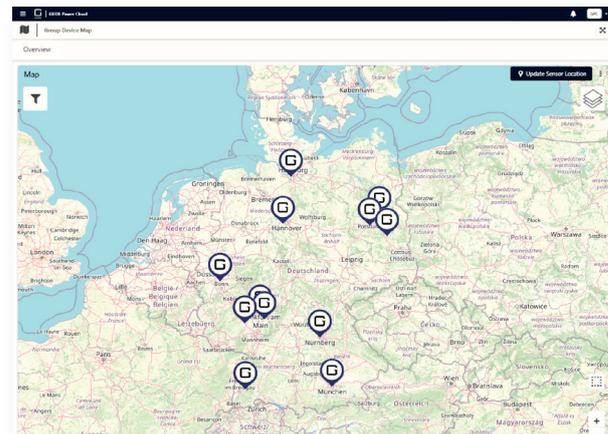
Security

- Alarms for limit violations or device failures
- Encrypted communication between PDU and cloud (MQTTS)
- User- and role-based access control for administrators and users
- ISO27001-certified service

Operation

- Proactive network monitoring to prevent downtime via dashboard
- Customizable reporting function for analyses and operator evaluations
- Graphical representation of sensor and consumption data
- Map function for an overview of location distribution
- Quick commissioning in just a few steps using the quick start guide

Detail view: Measurement and graphical display of current power consumption and connected sensors.

Map view: Display of all locations of the distributed infrastructure.

Application scenarios

AV installations & Media technology
Universities, lecture halls, conference rooms, digital signage networks, corporate AV environments

Managed service provider
Centralized management of multiple customers, multi-tenant structure, efficient remote management

IT setups & Data centers
Server rooms, edge installations, colocation environments

Branch & Location networks
Retail, banks, government agencies, industrial facilities

Order code	Product	Scope of delivery
90100011	GUDE Power Cloud - 1 year	Token for using the GUDE Power Cloud for 12 month
90100013	GUDE Power Cloud - 3 years	Token for using the GUDE Power Cloud for 36 month
90100015	GUDE Power Cloud - 5 years	Token for using the GUDE Power Cloud for 60 month

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