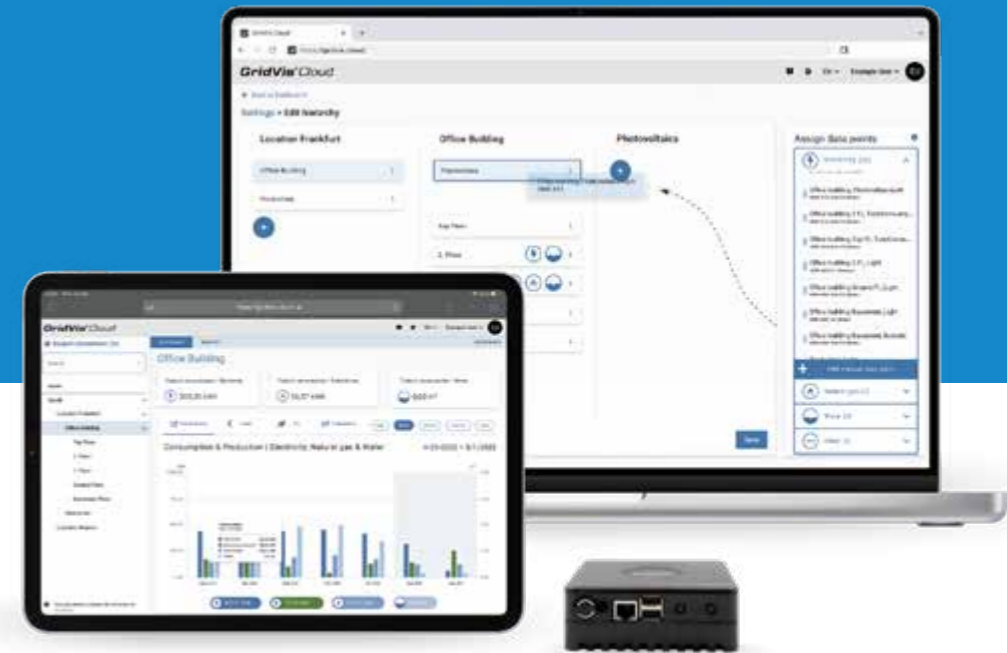


ENERGY MONITORING PORTAL

GridVis® Cloud



VISUALIZATION

Recognize savings potentials and weak points using data visualization

EVALUATION

Check and evaluate energy consumption and extreme values which have occurred

OVERVIEW

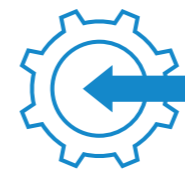
Interactive dashboards for a quick and comprehensive overview

COMPARISON

Compare energy consumption over time periods, locations and consumption media

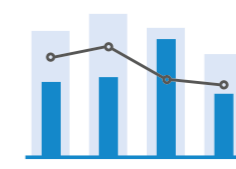
SETUP

Convenient device integration and easy setup via the Cloud Connector



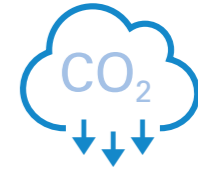
INTEGRATION

Simple and fast integration of hardware and software



ENERGY MONITORING

Record and improve energy consumption



CO₂ EMISSIONS

Calculate and display CO₂ emissions and energy costs

ENERGY MONITORING PORTAL

GET STARTED QUICKLY AND EASILY

No matter whether verifications need to be provided, electricity savings are required or the CO₂ balance must be calculated, the GridVis® Cloud helps to accomplish these tasks. As a software service, it offers an energy monitoring tool that can be integrated into your daily work routine with very little effort.

Use the Cloud Connector to automatically upload measurement data to the Cloud, and then access these data anytime, anywhere on the dashboard. The start page provides a quick overview, and standardized graphical presentations and charts ensure uncomplicated evaluation. Information such as rate agreements and emissions can be integrated for subsequent automatic evaluation.

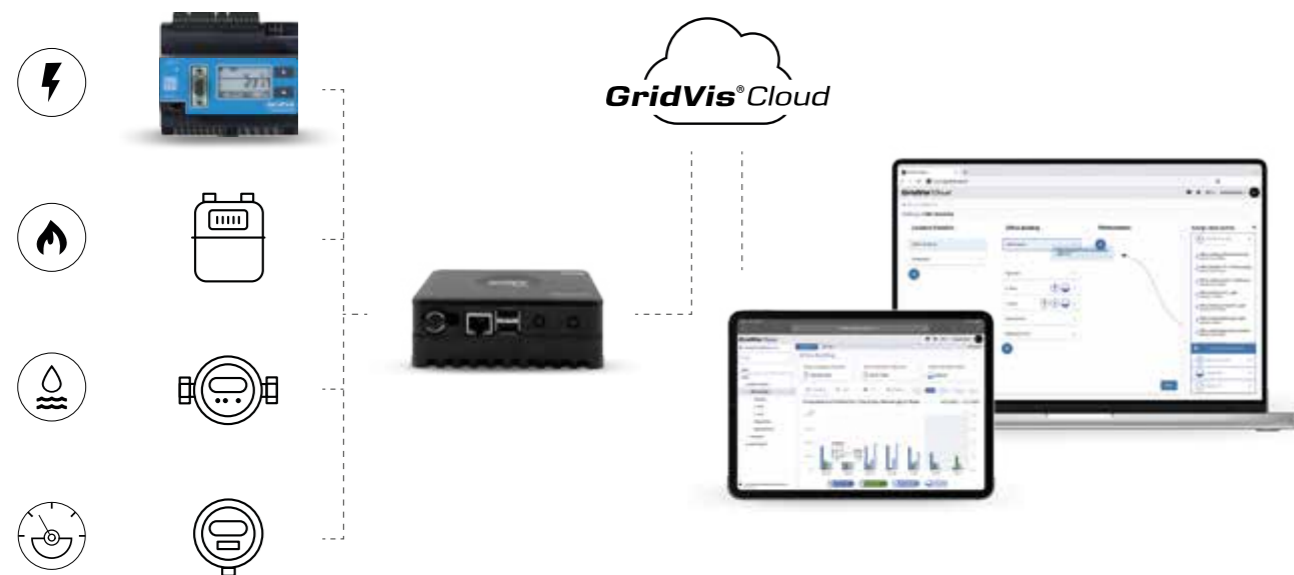


Fig.: GridVis® Cloud system architecture

OVERVIEW OF FEATURES

SYSTEM FUNCTIONS

Web-based access	<ul style="list-style-type: none"> – With a standard browser on a PC/laptop – Display optimized for tablets – Access via Internet without VPN
Availability (24-hour operation)	<ul style="list-style-type: none"> – Software-as-a-Service as a web application – Measurement data storage on European servers
User management	<ul style="list-style-type: none"> – User management via Janitza ID
Alarm management	<ul style="list-style-type: none"> – Monitoring of device communication
Supported media	<ul style="list-style-type: none"> – Electricity – Gas – Water
Key performance indicators & logic	<ul style="list-style-type: none"> – Measurement points (hierarchical) – Automated summation (consumption)
Automation	<ul style="list-style-type: none"> – Automatic readout of energy consumption data – Time synchronization via the application (alternative for NTP)
Software-based recording of measured values	<ul style="list-style-type: none"> – Online recorder for measured value recording – Janitza measurement devices without measured value memory – Third party products (Modbus TCP/RTU)

VISUALIZATION

Dashboards	<ul style="list-style-type: none"> – Predefined dashboards (display filtered to one measurement point)
List function	<ul style="list-style-type: none"> – Hierarchy (project structure with levels) – Device overview – Search and filter function
Energy and measured value analysis	<ul style="list-style-type: none"> – Graph function on the web – Aggregation function – Comparison periods

CONNECTIVITY

Data import	<ul style="list-style-type: none"> – Manual data entry
External devices	<ul style="list-style-type: none"> – Integrate third-party devices via Modbus