Your advantages with mondas® FacilityEQ

- Fully automated monitoring

- Low number of staff required for monitoring

- Low energy and operation costs

- Improved user convenience for building users

- Quick and improved commissioning of new buildings

- Climate protection with immediate effect

Book an **online demonstration session** now
www.mondas-iot.com/en/demo/

References

Grünheide BIELEFELD

solares bauen

BLB NRW

badenovaWÄRME*PLUS*

Fraunhofer ISE

reich + hölscher TGA-PLANER GMBH

Welcome to Mondas GmbH

We are a spin-off of the Fraunhofer Institute for Solar Energy Systems ISE in Freiburg, Germany. With our award-winning mondas® IoT data platform, we offer a high-performance, smart monitoring SaaS that can help plant operators and property managers significantly reduce energy and operation costs.

Awards

ENERGY EFFICIENCY AWARD 2021 by dena GEWINNER

THE smarter E award 2019 WINNER

100 ORTE Industrie 4.0

iKU Der Innovationspreis für Klima und Umwelt 2020 Kandidat

FREIBURGER INNOVATIONSPREIS 2019

mondas®

Mondas GmbH
Emmy-Noether-Str. 2
79110 Freiburg / Germany
Tel. +49.761.216 08 90
info@mondas-iot.de
www.mondas-iot.com/en/

Strasbourg
FRANCE
GERMANY
BADEN-WÜRTTEMBERG
Freiburg
B31
Mulhouse
SWITZERLAND
Basel
A3

mondas® FacilityEQ
The smart software for technical building and energy monitoring

mondas®

Photovoltaics

Heating circuits

Air conditioning technology

Energy storage

Heat pump

Ventilation system

CHP plant

Keeping a close eye on BSE and energy consumption

Whether functional buildings, properties or residential areas – technical building and energy monitoring is cumbersome, especially for large building stocks with complex BSE.

With mondas® FacilityEQ, you can now keep an eye on your buildings' performance and energy costs at the same time.

The software is easy to use, flexible and can be customised to your individual needs. Its many features help detect malfunctions and energy saving potentials much faster than before.

mondas® FacilityEQ – the smart software for your technical building and energy monitoring.

Saving energy costs with FacilityEQ

Example: Hotel with 14.000 m² usable area, 220 rooms and 175 kWh/m²a heating demand.

With smart monitoring, frequent operating errors were reliably detected.

Error	achieved savings
6 days of heating operation outside the heating period	4 %
Leaking valve, unnecessary pump operation	1 %
Heating and cooling at the same time	7 %
Faulty heat recovery	9 %
Total energy cost savings	**21 %**

21% savings potential

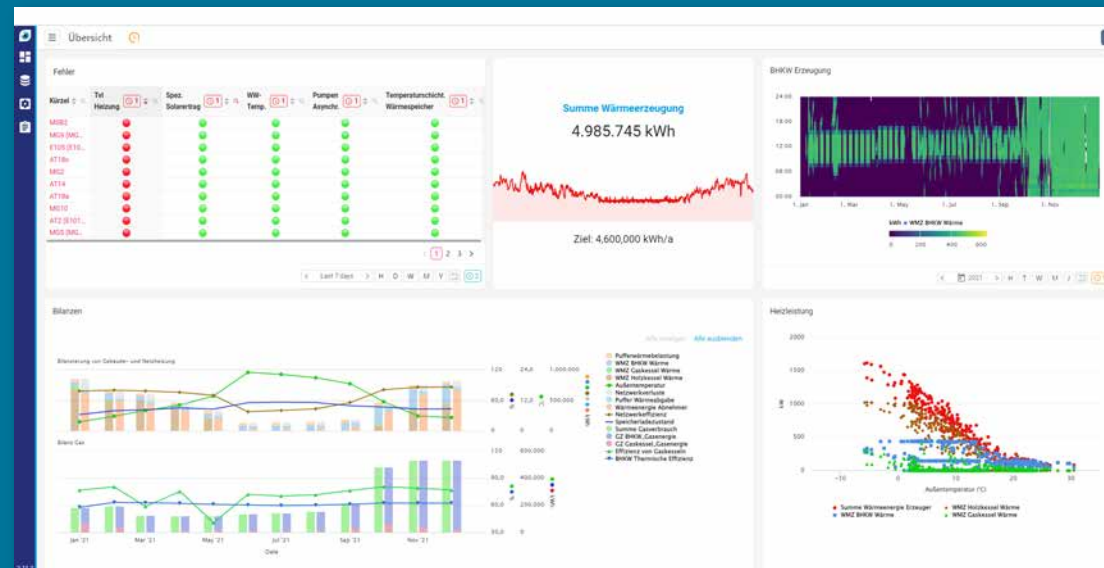## FacilityEQ – Energy production, consumption and operating statuses at a glance

Visualisation of generation, consumption and errors on dashboards

Automated notifications about buildings with the biggest issues

Including automated monitoring user convenience

Connection of different energy plants, e.g. photovoltaics, heat pumps, energy storage systems

Continuous energy balancing – including self-consumption of electricity and carbon footprints

Quality assurance: All German AMEV (Mechanical and Electrical Engineering Working Party of National, Regional and Local Authorities) guidelines for technical building monitoring are included

Clients can customise reports, alerts and the integration of a ticketing system themselves

Detection of errors in distribution circuits

Comprehensive algorithm and interface library

ISO/IEC 27001-certified servers for data security