



Next Level Energy Management with etaONE®

Reduce operating costs and protect the
environment with AI

The Challenge of Climate Neutrality

In a time where reducing CO2 emissions is a top priority, efficient energy management is essential. This is especially true for heating, cooling, and ventilation systems in various sectors such as industry, commerce, and data centers. A pioneering solution for resource optimization in this context is provided by the innovative, AI-driven software etaONE®.

Innovative Roots at etalytics

The etalytics GmbH, founded in 2020, emerged from the renowned research group "ETA | Energy Technologies and Applications in Production" at TU Darmstadt. As a spin-off, etalytics brings groundbreaking technologies from the fields of Data Analytics, AI, and Energy Science from research to practice. Its applications span from data centers and production facilities to smart districts and cities, energy providers, and building complexes.

etaONE® - AI-Driven Efficiency in Practice

The etaONE® platform is the "Swiss Army knife" of data-driven energy system optimization, featuring various modules for analyzing and visualizing complex energy systems. Utilizing data- and model-based methods, digital twins are computed to continuously monitor system behavior and predictively optimize it, considering various influencing factors. The facilities are optimally coordinated, and storage capacities are flexibly and cost-effectively planned according to weather and energy market forecasts. The result is a reduction in energy consumption by up to 50% without the need for costly hardware upgrades. etalytics is setting new standards for the future of energy management.



Energy Demand

Improve energy efficiency and
reduce peak loads.



CO2 Emissions

Save resources and reduce
CO2 emissions.



Costs

Lower energy costs
and grid usage fees.



Time

Help your energy management
team achieve more in less time.

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