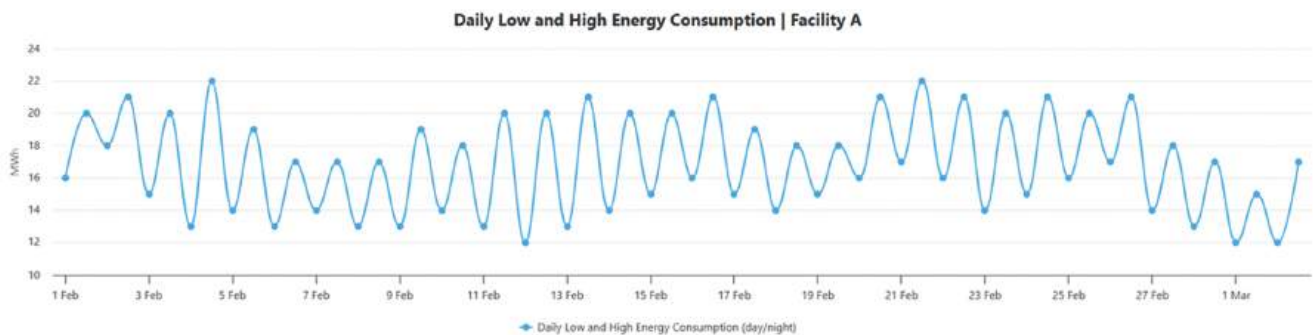


A product launched in 2025 created for monitoring and optimising energy use across industrial and commercial facilities through AI, Big Data Analytics, Machine Learning / Deep Learning and IoT, significantly reducing costs and CO2 emissions

Start / Location B / Facility A

Facility A



Performance & Maintenance

Measured actual consumption current month: 1012 MWh
 Expected consumption current month (31.12.2024): 950 MWh

Detected deviations (temperature, pressure, flow): 0
 No actions to be taken or triggered

Optimisation

Estimated optimization potential: 250 - 300 MWh (short-term),
 375 - 425 MWh (long-term)
 Estimated optimization cost savings (0,1976 EUR/KWh): 49.650 -
 59.580 EUR (short-term), 74.475 - 84.405 EUR (long-term)

[Enable optimisation \(phase 1\)](#)

Key Benefits:

- Enabling 35-50% energy savings through the use of Transformer Machine Learning Models and Artificial Intelligence
- Vastly reduced upfront installation cost through advanced use of AI and ML models for initial system onboarding and fine-tuning, enabling shorter lead time to optimal facility energy savings and faster ROI
- Real-time advanced data analysis and AI- and Transformer model-based intelligent action determination triggered remotely through bi-directional IoT networks, enabling continuous and optimized facility energy use without manual finetuning or analysis
- Extensive reporting and facility analysis capabilities and easy-to-use GUI
- Life Cycle Analysis (LCA) of environmental footprint with ISO 14040 compliant methods
- Data- and information protection ISO 27001 and BSI-Standard 200 compliance