

CHILLED WATER SYSTEMS

UNLOCK PEAK PERFORMANCE
AND OPTIMISE YOUR ENERGY FLOW

WE FOCUS ON ENERGY

Boost system uptime, compliance, and efficiency with real-time monitoring and active management of your chilled water systems.

WHAT WE DO

Real-time monitoring & management to improve system performance	System supply & return temperature optimisation	Operational behaviour & alert management	Operation & maintenance	Tailored reporting & analytics
We drive efficiency through <i>measurement and active management</i> , enhancing <i>system stability and optimising utilisation</i> to deliver lasting value (TLCC* reduction).	We <i>optimise process control variables</i> while <i>focusing on performance</i> .	We alert you to, and resolve, any <i>behavioural or operational issues</i> that could impact performance and process control.	We facilitate <i>streamlined operation and maintenance processes</i> with a focus on <i>TLCC reduction</i> , driving greater efficiency and long-term savings.	We deliver <i>reports tailored for your operational, management and strategic needs</i> , empowering informed decision-making at every level.

KEY INDUSTRY CHALLENGES

High energy consumption and efficiency deterioration

- A lack of visibility of chiller efficiency leads to increased TLCC.

Inconsistent chilled water supply

- Sub-optimal flow and temperature control.

Uptime predictability

- Ageing assets and substandard maintenance practices elevate process control and operational risks

Chilled water system complexity

- Large centralised systems are complex to operate and maintain.

Lack of automated control and smart integration

- Increased operational spend and overall decreased performance.

Lack of real-time visibility

- Increased maintenance spend and MTTR**.

IMPROVE OPERATIONAL EFFICACY

Gain insights with targeted monitoring and reporting:

- Track utilisation trends
- Maintain efficiency through daily tracking
- Receive real-time energy alerts for swift action
- Optimise team performance with near-real-time insights.



OPTIMISE SYSTEM PERFORMANCE

Drive informed tactical decisions:

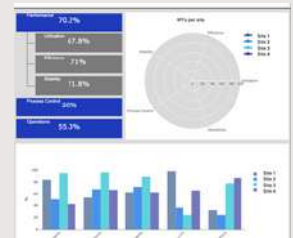
- Benchmark system performance against baselines and your portfolio
- Optimise operations and process control with targeted reporting
- Enhance internal reporting with real-time energy insights.



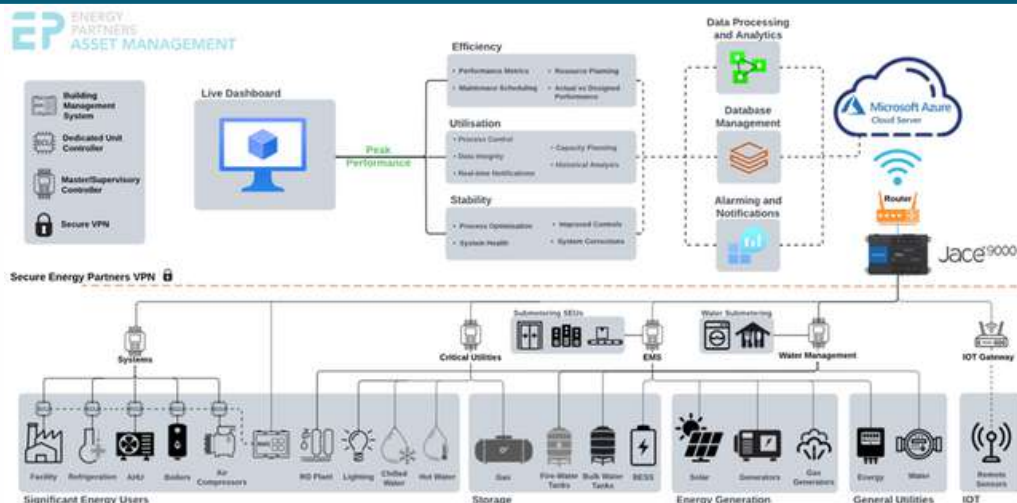
DRIVE STRATEGY WITH REAL-TIME KPIS

Unlock strategic value with real-time chiller system KPIs that enhance visibility at both system and portfolio levels:

- Boost performance by benchmarking against industry standards and your own portfolio
- Maintain high quality with precise process control indicators
- Continuously improve operations and team behaviour through KPI tracking over time.



OPTIMISED ENERGY FLOW FOR PEAK PERFORMANCE



Your chilled water system is just one of many we integrate with to give you a **complete view of your facility's energy flow**. By **centralising data from utilities, energy assets and SEUs*****, we help you drive peak performance and optimise your energy flow, reducing TLCC and improving your carbon footprint.

***Significant Energy Users

Coenrad Ehlens



Tjaart Zwiegers



Vivian Veldsman

