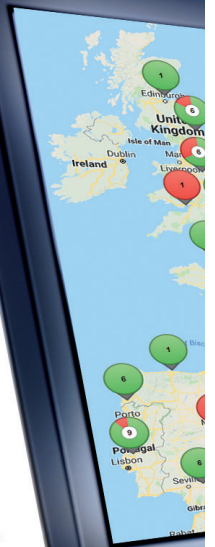
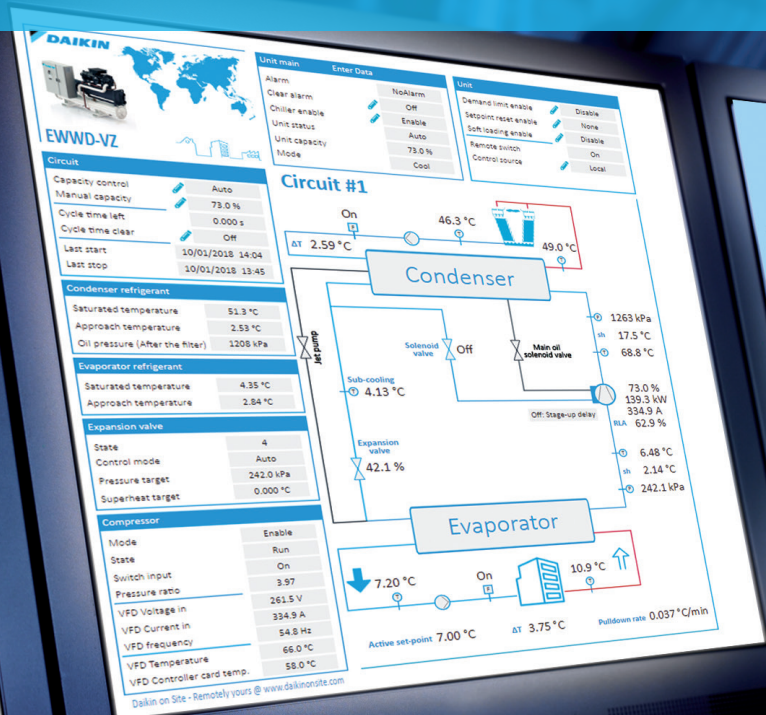
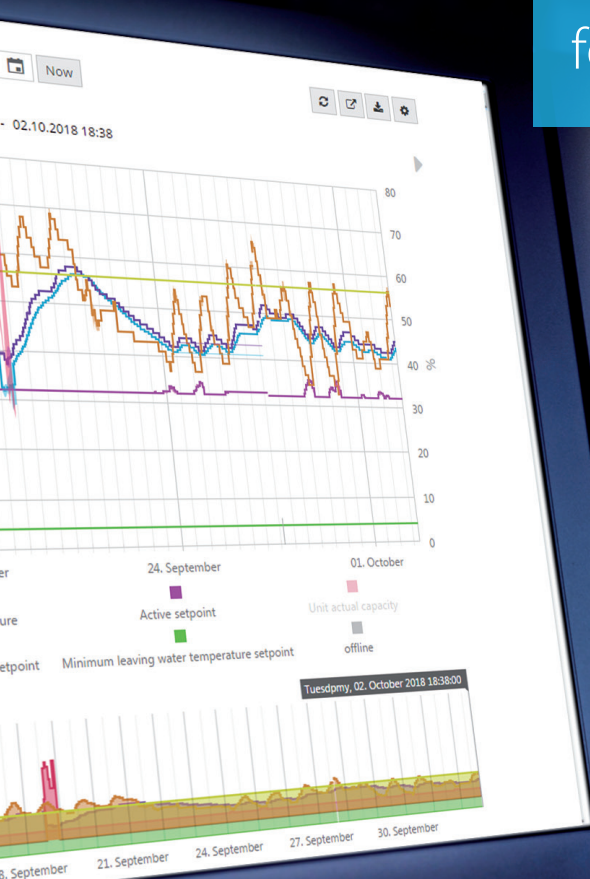


Remote monitoring and control

for Chiller plants and Air Handling Units



Operational data to improve the efficiency and reliability of your HVAC plant

AHUs

CHILLERS

PROJECTS

SERVICE

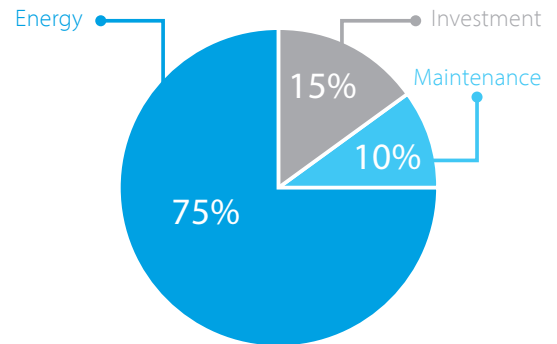
Why

Daikin Applied's remote monitoring?

Operating costs like energy and maintenance typically account for 85% of the system's total lifetime cost. Undiscovered energy waste and incorrect operation will increase costs and can even lead to unscheduled interruptions.

Using Daikin Applied's remote monitoring results in optimum use and costs over the system's entire lifetime:

- › Enhanced control and measuring
- › Monitors the system
- › Reduces risks at the earliest possible moment
- › Keeps the system running as it was intended to



Typical Life cycle Cost of a chiller (15 years)

What is Daikin on Site?

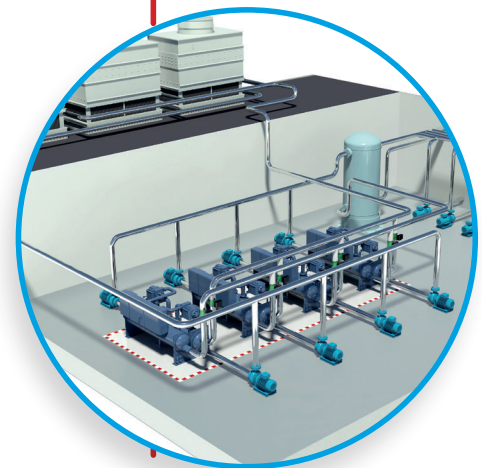
A solution for customer specific needs

Daikin on Site (DOS) is a web-based 24/7 remote monitoring system that collects complex operational data from the AHU or chiller control system.

Daikin's Smart Centre turns the operational data into useful information that allows the user to remotely monitor performance. It also allows Daikin professionals to remotely optimise and maintain the equipment.

Main benefits of Daikin On Site

- › Remote diagnostic support from Daikin experts
- › Enhanced reliability and reduced system downtime
- › Optimised energy efficiency and reduced operational costs over the systems lifetime
- › Insight into operational data to optimise the use of equipment via Trend Analysis



CHILLER OR AHU PLANT



Encrypted data transfer



Encrypted data transfer

Remote monitoring of Daikin Applied products

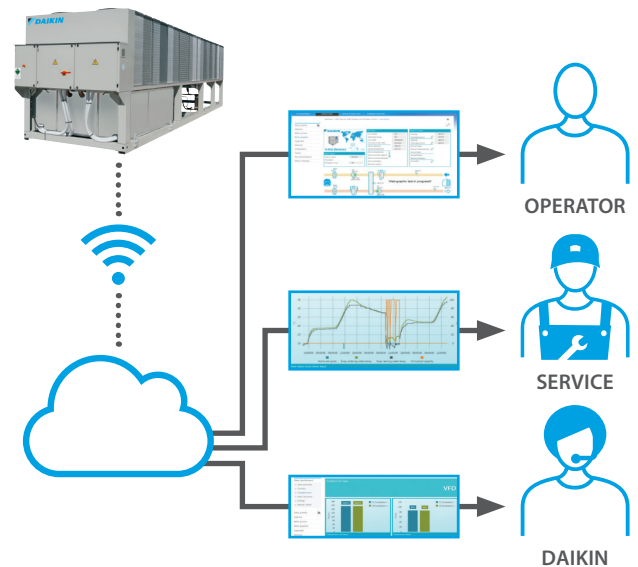
1 Insight wherever and whenever required, full visibility and traceability of the HVAC installation.

- › Real-time information and trend insights
- › No local software required
- › Personal access to the web-based user interface
- › Clear and useful reports

2 With Daikin Applied's remote monitoring, we team up operators and specialists.

- › User-friendly operator information
- › State-of-the art software providing best-in-class service
- › Remote solutions when possible, avoiding onsite interventions

3 Converting all expertise to maintain highest energy efficiency and uptime.



ACTION TAKEN



YOU CAN HAND IT TO US

Alerts & web application

- › 24/7 year-round alarm and event monitoring
- › Automated alarm system
- › Receive service updates or notifications via email
- › Access to Daikin Applied's remote web application

Active monitoring

- › Remote alarm analysis and diagnostics provided by Daikin Applied experts
- › Fast and reliable remote service

Connected Service Plan

- › Remote alarm analysis and diagnostics by Daikin Applied Experts
- › Fast and reliable remote service
- › All initiatives are combined with the most suitable Daikin Applied Service Plan

SMART CENTRE

URNS DATA INTO ACTIONS



CLOUD DATA
WAREHOUSE



Encrypted data transfer



Cloud technology to hand

Remote maintenance allows your system to be accessed using any web-compatible devices any time and anywhere using cloud technology. Process data is collected automatically in real time and stored centrally.



Simple, effective connection

Most Daikin Applied Chiller and AHU controllers have a built-in IP interface. This allows connection for remote monitoring either through LAN or with wireless modem communication.



High security

Secure in all aspects such as data privacy, data storage security and data transport.



Insight into operational data for enhanced control and reliability

Through enhanced operational data, Daikin engineers are able to remotely monitor system performance, run diagnostics and software upgrades. If an on-site visit is required, the service engineer will arrive already informed of the issue, reducing system downtime.



Available as part of the Daikin Applied Service maintenance programs

Adopt DOS as part of your condition based maintenance package with an active monitoring program tailored for each asset

- › All connections are encrypted (HTTPS) to prevent wiretapping and man-in-the-middle attacks
- › CSA security attestation
- › Data privacy conforming to EU data privacy regulations
- › Geo-redundant data storage in Northern Europe

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