Daikin on Site

Remote monitoring and control for chiller plants and air handling units

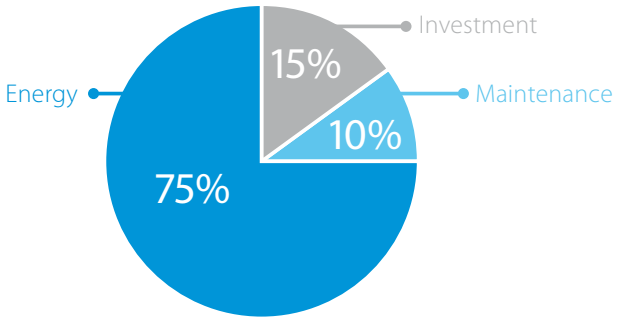
Future-oriented technology to improve the efficiency and reliability of your HVAC plant

Why
Daikin on Site?

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 on Site 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

The Daikin on Site cloud server collects operational data from the control system of a Daikin chiller or air handling unit plant.
Daikin's Smartcentre then turns this data into useful information on a web user interface.
Daikin on Site has predefined user roles like:
› **operator**
› **service provider**
› **Daikin specialists**

The Daikin on Site platform's features are designed to:
› Increase uptime, reduce unscheduled interruptions
› Optimise efficiency and reduce energy waste
› Increase lifetime and avoid wear by misuse
› Give insight into the optimum use of equipment, including advice from a Daikin expert

We will combine Daikin on Site remote monitoring with the complementary service programme best suited to your needs.

How does Daikin on Site deliver?

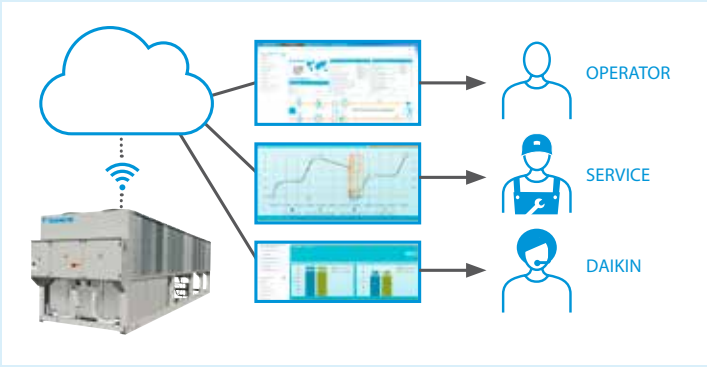
1 Insight wherever and whenever required, full visibility and traceability of the HVAC installation.

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

2 With Daikin on Site, we team up operators and specialists.

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

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



Alerts & web application
› 24/7 year-round alarm and event monitoring
› Automated alarm system
› Receive service updates or notifications via email
› Access to Daikin on Site web application

Active monitoring
› Remote alarm analysis and diagnostics provided by Daikin Experts
› Fast and reliable on site service

Connected Service Plan
› Remote alarm analysis and diagnostics provided by Daikin Experts
› Fast and reliable on site service
› All initiatives are combined with the most suitable Daikin Service Plan

ACTION TAKEN

You can hand it to us

SMARTCENTRE
Turns data into actions

CLOUD DATA WAREHOUSE

Encrypted data transfer

Main features

Cloud technology to hand

Complex plants have to satisfy contradictory requirements. They need to be accessible 24/7 but commissioning and maintenance costs must be kept to a minimum. Daikin on Site is a web-based remote monitoring and service system which uses the benefits of cloud technology. Remote maintenance allows your system to be accessed any time, anywhere. All important process data are collected constantly and automatically stored centrally. This gives you a decisive lead in know-how, ideal for building a sustainable business.

Always up-to-date and in control

Daikin on Site uses standard web browsers, so it's suitable for any web-compatible devices and it operates in real time. Users log in to the Daikin on Site portal to access plant information without any need for special cables or extra software.

Insight into operational data for enhanced control and reliability

Daikin on Site Remote monitoring enhances control and maintenance programmes. Diagnostics, system upgrades and settings optimisation are carried out remotely where possible. If a visit is required, the service engineer will arrive already prepared, boosting your efficiency.

Simple, effective connection

Most Daikin chiller and AHU controllers have a built-in IP interface. The system uses this to connect to Daikin on Site, minimising connection costs and effort. We also have wireless modem communication to avoid interference with your IT infrastructure and LAN costs.

High security

You can trust Daikin on Site to be secure in all aspects such as data privacy, data storage security and data transport.

- All connections are encrypted (HTTPS) to prevent wiretapping and man-in-the-middle attacks
- CSA security attestation
- Data privacy conforming to EU data privacy Chapter 5
- Geo-redundant data storage in Northern Europe

Operational data insights deliver long-term savings

The Daikin on Site system's major benefit is that your system's data and process data are collected and stored centrally during the system's lifecycle. The data are available whenever needed to make evaluations and to provide valuable information about the system's operating state, reliability and efficiency.

Daikin on Site is the ideal tool for optimising maintenance and operating costs long term, and for giving you a documented view of your system's capacity requirements.

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