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| Job number | DEUEN18-013 |
| Job description | New functionalities for Daikin Cloud Service |
| Category | Press release |
| Audience | Dealers, installers, end users |
| Sectors | Commercial, leisure, retail |
| Tags | Daikin Cloud – smart control – remote monitoring – smart buildings |
| Tweet | **@DaikinEurope introduces additional functionality to Daikin Cloud to provide best-in-class #building management and #systems support** |
| Version | Final |
| Owner | Gill De Bruyne |

Intelligent efficiency

July 03, 2018

The EU continues to press for energy efficiency gains in the built environment through smarter building and energy performance legislation. In addition, customer expectations for connectivity and online control of their buildings and climate control systems are increasing. Daikin has responded by adding smart functions to its Daikin Cloud Service, making it more visual, easier to use and more powerful to provide effective control of HVAC-R systems.

Putting the user in the driving seat

The introduction of significantly enhanced functionalities to the Daikin Cloud Service is set to improve the effectiveness of building management.

Daikin Cloud Service assists building owners and installers to keep track of installations remotely, providing visibility and actionable information through a web-based interface, without the need for additional local software.

With three distinct packages, Daikin can support the individual needs of customers, with a modular concept that allows the Daikin Cloud Service to expand to meet changing business needs.

Remote control and energy visualisation

Intelligent energy visualisation tools display energy consumption and system data, which are monitored all year round in real time. The Cloud not only monitors HVAC-R functions but also has the capability to integrate and monitor other vital building systems, such as alarms.

The centralised overview feature allows key account and technical managers to monitor and control multiple premises remotely through a single point to keep systems trouble-free and operating at maximum efficiency. Additionally, it allows the diagnosis of reported issues, troubleshooting and provision of first-line support by remote access. These actions can be performed before going on site, hence providing faster resolution of errors or alerts at lower costs.

Daikin Cloud Service allows easy benchmarking across different sites to spot where energy is being used most and identify waste. It also provides an input to facilitate target setting for the reduction of energy consumption and CO2 emissions.

Predictive maintenance and diagnostics

Daikin’s second cloud package includes the unique 24/7 (ACNSS or i-Net) monitoring service, which has now been integrated into the Daikin Cloud Service, with enhanced visualisation.

Offering complete peace of mind and enabling customers to concentrate on their core business, this innovative predictive maintenance feature uses advanced algorithms to check and back-compare data to provide early fault prediction. Advance warning of system deviations enables proactive actions to maximise system uptime and ensure continued comfort for customers or staff, without incurring the additional cost and disruption of emergency repairs.

Once an alarm is received, Daikin experts analyse the situation and work closely together with customers, to assess the next steps to find the right solution.

The application of diagnostics and continuous monitoring ensures maximum operating performance, optimising energy consumption with no sacrifice in comfort levels, thus reducing energy bills during the system’s service life.

Access to expert advice

To ensure users get the best out of their system in terms of efficiency and control, the third cloud package entails the full optimisation of Daikin Cloud Service installed systems by Daikin’s service engineers. An analysis and optimisation report is provided to the client, suggesting where and how to take action. Additionally, Daikin experts are able to provide specific, tailored recommendations with suggested actions to further maximise energy efficiency and comfort

Remote monitoring, control and servicing of Daikin’s commercial climate control systems

Daikin Cloud Service is available for connection with Daikin’s two most popular control systems for commercial air conditioning: The intelligent Tablet Controller, an intuitive touch screen controller for small to medium applications and intelligent Touch Manager, Daikin’s cost-effective mini BMS for medium to large-size applications.

*“The enhanced functionalities offered by the latest additions to the Daikin Cloud Service present increased usability and interactivity between the technical managers, installers and Daikin.*

*“It introduces new benchmarks for reducing energy costs, absolute reliability in operation and increased user satisfaction without any additional wiring, sensors or software*.” explains Younes El Haddaj of Daikin.

**Find out more about Daikin Cloud Service at:**

<https://www.daikin.eu/en_us/product-group/control-systems/intelligent-tablet-controller.html>

Ends

EDITOR NOTES

About Daikin Europe N.V.

Daikin Europe N.V. is a major European producer of air conditioners, heat pumps and refrigeration equipment, with approximately 5,500 employees throughout Europe and 10 major manufacturing facilities based in Belgium, the Czech Republic, Germany, Italy, Turkey and the UK.

Globally, Daikin is renowned for its pioneering approach to product development and the unrivalled quality and versatility of its integrated solutions. With more than 90 years’ experience in the design and manufacture of heating and cooling technologies, Daikin is a market leader in heat pump technology. Daikin VRV and Daikin Altherma are the most sold heat pump systems in Europe, with over 500,000 systems delivered to date.

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FURTHER INFORMATION

Contacts

Anju Sarpal: +44 7980 785572 [Daikin-News@sheremarketing.co.uk](mailto:Daikin-News@sheremarketing.co.uk)