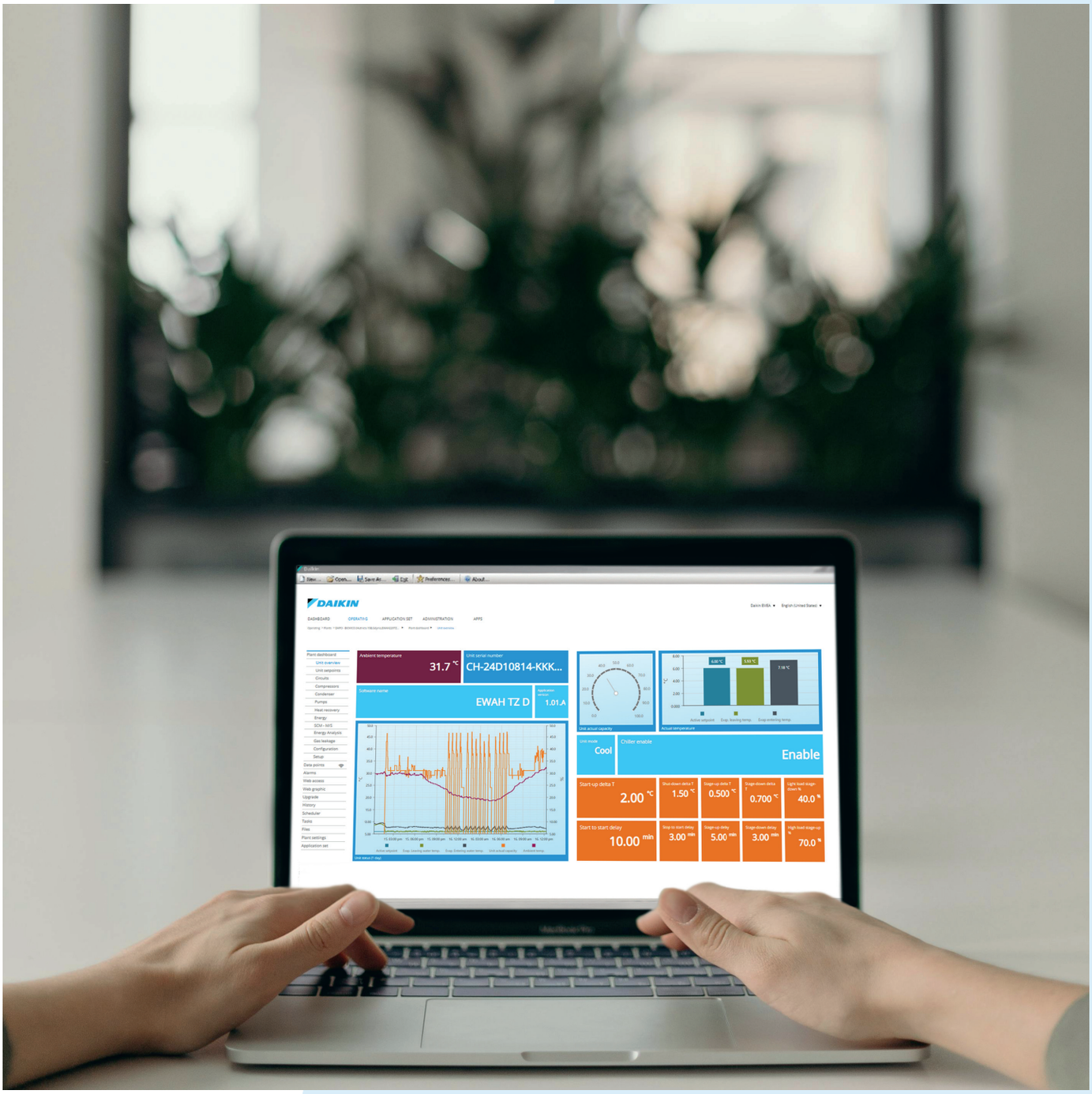
DAIKIN APPLIED (UK) LTD

Daikin on Site

Remote monitoring platform for chillers and air handling units



Welcome to Daikin on Site (DoS),

the future of HVAC management and a revolution in digital services. Our unique platform integrates state-of-the-art technology to deliver the best digital solutions. With DoS, you will experience remote monitoring and control for chiller plants and air handling units via our cloud-based system.
Our focus is on maximizing uptime, enhancing efficiency, and extending equipment life. Real-time data access and expert support allow us to spot cost-saving opportunities and prevent unexpected issues, ensuring a smooth user experience. Embrace intelligent HVAC management with Daikin on Site.

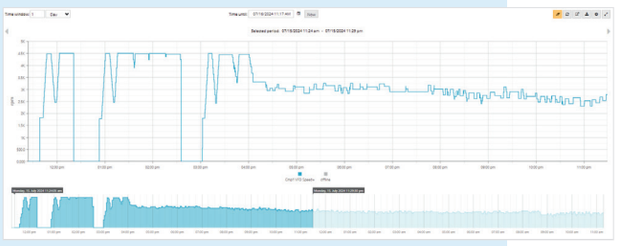
Benefits and Value

Remote Monitoring
Keep an eye on your chiller plants and air handling units from anywhere with internet access, ensuring peace of mind and quick response to any issues, thus minimizing downtime and maximizing productivity.

Alarm Notifications
Receive instant alerts for any abnormalities or issues detected within your HVAC systems, allowing you to take immediate action and prevent costly disruptions, ensuring continuous operation and customer satisfaction.

Real-Time Data Access
Gain instant access to real-time performance data, allowing you to make informed decisions swiftly, optimize system efficiency, and identify cost-saving opportunities in real-time.

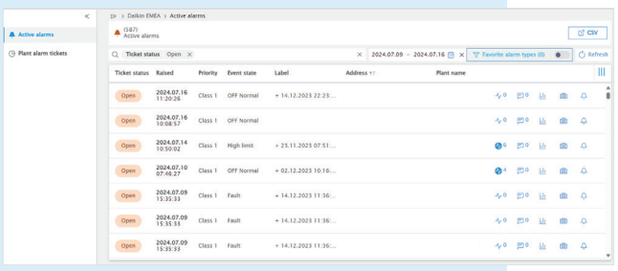
Customizable Dashboard
Tailor your dashboard to display the metrics and information most relevant to your operations, providing you with a personalized and intuitive interface for efficient monitoring and control of your HVAC systems.



Datapoint trend analysis

Remote Control
Adjust settings and parameters remotely, enabling you to fine-tune your HVAC systems without the need for on-site intervention, saving time and resources while ensuring optimal performance.

Data Analytics
Utilize advanced data analytics to analyze historical performance trends, identify patterns, and predict potential issues before they occur, enabling proactive maintenance and minimizing the risk of unexpected downtime.



Advanced Alarm Dashboard

With Daikin on Site, you're not just monitoring your systems — you're optimizing, predicting, and staying one step ahead at all times.

Subscription

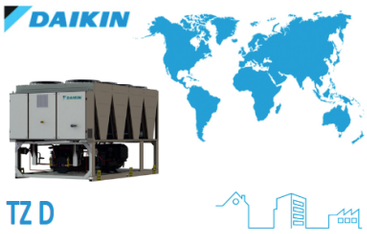
Now available

	DoS PREMIUM	DoS PARTNER	DoS CONNECT
Number of parameters	Up to 500	Up to 200	Up to 100
Web graphics	INCLUDED	INCLUDED	INCLUDED
Core features	INCLUDED	INCLUDED	INCLUDED
Advanced features	INCLUDED	NOT INCLUDED	NOT INCLUDED
Target Products	Large/Medium Chillers (ICM)	Large/Medium Chillers, 3rd Part Chillers, M&M Kit	Small Chillers and AHU

Main features

Now available

	Description	DoS PREMIUM	DoS PARTNER	DoS CONNECT
Datapoints	The maximum number of available datapoints from the unit for monitoring	up to 500	up to 200	up to 100
Data Storage	The duration of storage for historical datapoint values	10-years	1-year	1-year
Reporting	Reports for comprehensive data analysis and visualization	•	•	•
Core Features				
Map & KPI	Map overview with quick KPI indicators for a snapshot of performance metrics	•	•	•
Remote Alarm Notification	Email notifications when alarms occur, keeping users promptly informed of any issues	•	•	•
Alarm Dashboard	Overview of alarm troubleshooting and ticket management	•	•	•
Datapoint List	Provides datapoint details for each chiller and Air Handling Units (AHUs) in the plant	•	•	•
Web Graphics	Interactive visualization of data. Web graphic section in read/write mode	•	•	•
Dashboard	Graphical overview of the unit operations	•	•	•
Trend Viewer	Visually track selected KPI trends	•	•	•
Scheduler	Enables schedule start and stop times for the unit operations	•	•	•
Web Access	Virtual duplication of physical unit display, authorized user can make changes to control setting of unit	•	•	•
Advanced features				
Leak Detection	Designed to identify and locate refrigerant leaks or insufficient level of refrigerant	•		
Predictive maintenance	Advance algorithm to predict failure by processing historical data	•		



TZ D

Unit main	CH-24D10814-KKKKXX
Alarm	Alarm
Clear alarm	Off
Chiller enable	Enable
Unit status	Auto
Unit capacity	36.0 %
Mode	Cool

Unit	
Demand limit enable	Disable
Setpoint reset enable	None
Soft loading enable	Disable
Quiet mode enable	Disable
Control source	Local

Circuit	
Capacity control	Auto
Manual capacity	36.0 %
Cycle time left	0.000 s
Cycle time clear	Off
Last start	07/16/2024 06:42
Last stop	07/16/2024 06:31
Power circuit	18.8 kW
Current circuit	104.1 A

Fans											
Fan stages	1:	On	2:	On	3:	On	4:	On	5:	Off	6:	Off
Running fans	4		Cond. target	41.4 °C			VFD target	41.4 °C			

Condenser refrigerant	
Saturated temperature	41.9 °C
Approach temperature	10.5 °C
Oil pressure (After the filter)	682.5 kPa

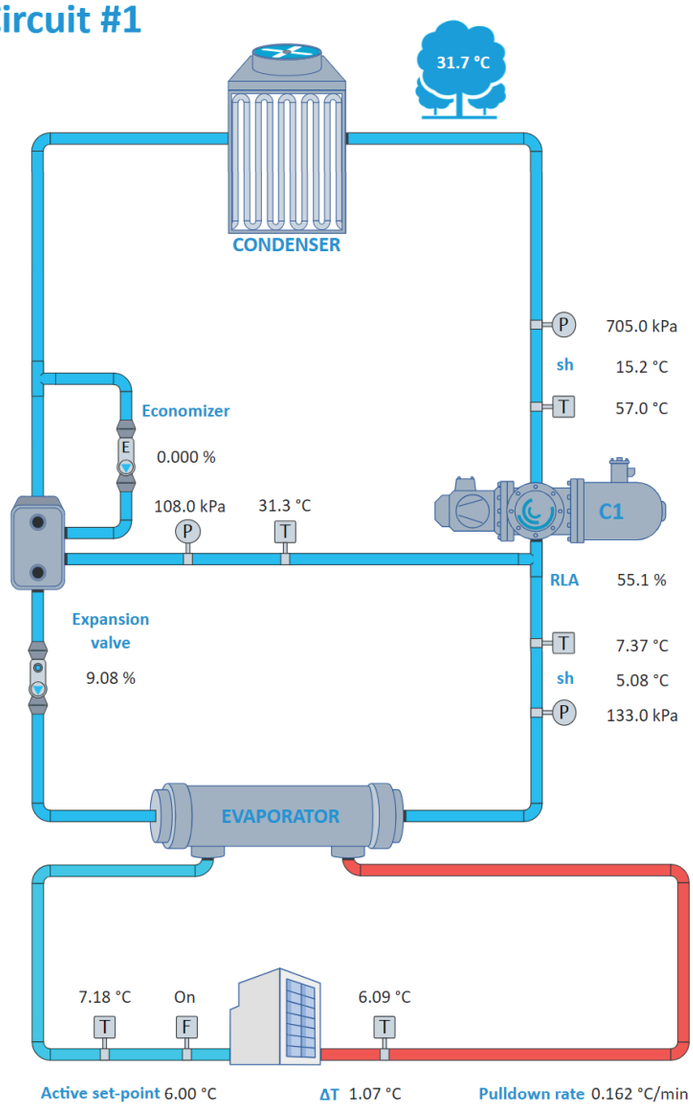
Evaporator refrigerant	
Saturated temperature	2.45 °C
Approach temperature	3.70 °C

Economizer	
Output state	Off

Expansion valve	
State	Pressu
Control mode	Auto
Pressure target	0.000 kPa
Superheat target	5.00 °C

Compressor	
Mode	Enable
State	Run
Switch input	On
Pressure ratio	3.44
VFD speed	1442 rpm
DC link voltage	529.9 V
VFD temperature	39.9 °C
VFD controller card temp.	42.0 °C

Circuit #1



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Visualisation of web graphic

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