



Remote Airside Management

Remote Airside Management covers the remote management of building airside equipment such as rooftop units, air handlers, variable refrigerant flow (VRF) units, direct expansion (DX) units/cassette units, variable air volume (VAV) units, fan coil units (FCU), total fresh air (TFA) units, ventilation and exhaust fans that are commissioned in major building management systems (BMS)/building automation systems (BAS) such as WebCTRL® system, iVu® system, Tridium Niagara, Novar and Trane.

The following tabulation illustrates the features of Remote Airside Management and how they would apply for different building profiles – small, medium and large – based on area in sq. ft.

Building profile based features					
Features	Classification	Small	Medium	Large	
Site profile	Average conditioned space (sq. ft.)	5,000	25,000	100,000 & Above	
	Automation of airside	None	Partial	BMS	
	Airside system	DX/cassette units/split/dutable	DX/cassette units/split/dutable/VRF	VRF/AHU/RTU/VAV/FCUs/TFA/ventilation and exhaust fans	
EcoEnergy Insights offering variants		With data flow	With data flow	With data flow	With data flow
IOT devices supply	Data aggregator	CORTIXedge™ Controller	CORTIXedge™ Controller/JACE®	JACE®/Adaptor	NA
	Space temperature sensors	Yes	Yes	Yes	Yes
	CO ₂ sensors	Yes	Yes	Yes	Yes
	Humidity sensors	Yes	Yes	Yes	Yes
Field installation and commissioning activities	Field installation	Yes	Yes	Only data aggregator	No
	Commissioning	Yes	Yes	Only data aggregator	No
Monitor	Schedule	Yes	Yes	Yes	Yes
	Space temperature	Yes	Yes	Yes	Yes
	% Relative humidity and CO ₂	Yes	Yes	Yes	Yes
	Ventilation rate	No	No	Yes	Yes
	Filtration asset health	No	Yes	Yes	Yes
	Asset operation health	Yes	Yes	Yes	Yes
	Control system health	Yes	Yes	Yes	Yes
	Sensor health	Yes	Yes	Yes	Yes

Building profile based features					
Features	Classification	Small	Medium	Large	
Control	Schedule	Yes	Yes	Yes	Yes
	Space temperature	No	No	Yes	Yes
	% Relative humidity and CO ₂	No	No	Yes	Yes
	Ventilation rate	No	No	Yes	Yes
Remote resolution (Command Center)	Schedule changes	Yes	Yes	Yes	Yes
	Space temperature set point changes	Yes	Yes	Yes	Yes
	% Relative humidity and CO ₂ set point changes	No	No	Yes	Yes
	Ventilation rate set point changes	No	No	Yes	Yes
	Override correction	Yes	Yes	Yes	Yes
	Remote troubleshooting	Yes	Yes	Yes	Yes
Smart dispatch (Command Center)	Prioritized worklist	Yes	Yes	Yes	Yes
	Notification for field resolution	Yes	Yes	Yes	Yes
	On-call support for field resolution	Yes	Yes	Yes	Yes
Advisory (Command Center)	Monthly	Yes	Yes	Yes	Yes
	Bi-weekly	Yes	Yes	Yes	Yes

Exclusions

1. Non-intrusive approach that will not include any equipment: Smart/Embedded with controls/PLC Controls/Firmware
2. Product engineering or any associated activity
3. Control program creation and modification in existing BMS
4. Any equipment operations beyond control system/BMS scope and availability of key parameters on existing BMS for monitor and control
5. Management of defective devices and replacement of devices other than supplied by service provider



Write to us at info.ecoenergy@carrier.com to elevate your airside equipment management.

About EcoEnergy Insights

EcoEnergy Insights is a leading provider of AI and IoT-enabled solutions to digitally transform building and equipment operations. Their CORTIX™ platform collects data from multiple sources, analyzes it, acts on defined deviations autonomously and offers predictive actionable insights. The platform, combined with expert human analytics, has been delivering award-winning outcomes in comfort, maintenance and energy efficiency across multiple industries such as retail, hospitality and banking. EcoEnergy Insights is a part of Carrier Global Corporation, a leading provider of innovative HVAC, refrigeration, fire, security and building automation technologies. For more information on EcoEnergy Insights and the CORTIX™ platform, visit www.ecoenergyinsights.com and www.cortix.ai.



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