



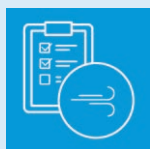
Carrier Remote Airside Management



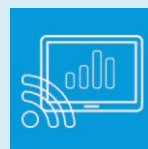
We spend 90% of our time indoors¹. For building owners and managers this means buildings must continue to be a safe place to work and support the health and well-being of occupants, all while keeping an eye on building operation, occupant comfort and energy efficiency.

An integral part of this is ensuring buildings are healthy by focusing on heating, ventilation and air-conditioning (HVAC) management. Our **Remote Airside Management** solution can help by leveraging a building's automation system to remotely manage the building's airside, providing a safe and comfortable environment for the occupants with no or minimal dependence on local engineering teams.

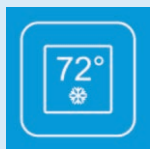
This multi-pronged approach includes:



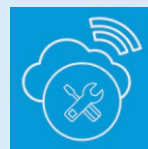
Indoor Air Quality (IAQ) management to validate IAQ parameters based on policies and industry standards, and validate filter health and operation.



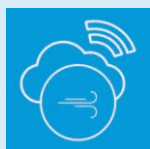
Airside asset health monitoring to check ventilation rates and maintain operational health, compliance and availability of airside assets such as fans and dampers.



Controls system monitoring to review control strategies to ensure airside assets are operating optimally.



Resource augmentation to remotely manage changing needs, via a 24/7 command center with reduced dependence of onsite teams.



Remote diagnostics & resolution to provide remote corrections based on facility policies and scheduling and programming of fans to meet ventilation requirements.



Reports & metrics to review IAQ compliance, total issues identified and solved and technician dispatch information.

¹Allen JG, MacNaughton P, Satish U, Santanam S, Vallarino J, Spengler JD. 2016. Associations of cognitive function scores with carbon dioxide, ventilation, and volatile organic compound exposures in office workers: a controlled exposure study of green and conventional office environments. Environ Health Perspect 124:805-812; <http://dx.doi.org/10.1289/ehp.1510037>

Carrier Remote Airside Management

Carrier's Remote Airside Management provides building owners and managers with:

- An increased comfort level of occupants by managing indoor air quality
- Remote management of indoor air quality and ventilation in accordance with industry best practices and guidelines
- Optimization of building ongoing maintenance and operational costs
- Remote actions and resolutions to help supplement on-site staffing
- Detailed work order generation helps technicians effectively identify areas to focus
- Key performance indicator reports to show progress toward goals



Carrier's Remote Airside Management is launched in three quick steps:

1 CONNECT

Establish a secure connection to access the building automation and work management systems

2 ANALYZE

Collaborate with facility engineering and operations personnel to understand processes and building management systems operation

3 DEPLOY

Run a brief test with a sample set of assets, then rollout across all airside assets

Remote Airside Management Supports:



Airside Assets

Air handling units, variable air volume units, fan coil units, heat pumps, exhaust/ventilation fans, rooftop units, dedicated outdoor air systems, variable refrigerant flow units.



Building Management Systems

Supports a variety of building automation systems including Carrier i-Vu®, Automated Logic WEBCTRL® and many non-Carrier building automation systems.

Remote Airside Management Complements:

SMARTservice



Carrier® SMART Service

The Remote Airside Management solution is a complement to the **SMART Service** offering that provides service diagnostics to chillers.



HEALTHYBUILDINGS