



For Immediate Release

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Carrier Launches Abound Predictive Insights to Reduce Downtime and Extend Life of Building Equipment

CHARLOTTE, N.C., Oct. 11, 2022 — Carrier today announced the release of [Abound™ Predictive Insights](#), a part of the Abound suite of solutions that helps reduce the total cost of asset ownership by enabling smarter, more predictive maintenance to optimize equipment health and performance. According to the U.S. Department of Energy, implementing a functional predictive maintenance program can reduce equipment breakdowns by 70% to 75%, reduce maintenance costs by 25% to 30% and reduce downtime by 35% to 45%*. Carrier is a part of [Carrier Global Corporation](#) (NYSE: CARR), the leading global provider of healthy, safe, sustainable and intelligent building and cold chain solutions.

Abound Predictive Insights connects to HVAC and building automation assets through any BACnet-enabled building automation system (BAS), including Carrier's [iVu®](#) and Automated Logic's [WebCTRL®](#) systems. HVAC assets of all types are supported, from chillers to rooftop units, and air handlers to variable air volume boxes, unit heaters, heat pumps, fan coil units and air conditioners. Supported building assets include refrigerated cases and walk-in freezers. Supported building automation assets include BAS servers, controllers and routers.

The BAS sends data from connected assets to Carrier's award-winning [CORTIX™](#) artificial intelligence (AI) platform for analysis, providing local Carrier and Automated Logic controls experts with predictive, actionable insights into the health of the assets via a mobile app. The app provides a detailed list of findings, including impending failures and maintenance issues, along with possible causes, impacts and suggested corrective actions.

The information is also available as a report for local experts to advise building owners and facility professionals on the findings and recommendations. Local experts may recommend remote diagnostics and resolutions to correct the issues, while certain situations require a technician be dispatched to tune, repair or replace components.

"Data is the driver behind Abound Predictive Insights, and we are putting that data to work for building owners and operators to help them meet their sustainability, energy-efficiency and operating goals," said Yasir Qureshi, General Manager of Digital Products and Abound, Carrier. "Abound Predictive Insights gives service and facility professionals unprecedented insight into the health of HVAC equipment and building automation assets, and provides them with early predictions and precise recommendations to keep assets running at peak performance, now and in the future."

Abound Predictive Insights is designed to get smarter with time. As insights are reported, Carrier experts validate the accuracies of the causes, impacts and recommendations to provide feedback to the CORTIX AI platform, improving future analytics.

Abound Predictive Insights is backed by Carrier [BluEdge™ Command Centers](#) around the world. Carrier engineers, analysts and specialists are standing by to help

local experts interpret equipment data, and to assist with the implementation of proactive maintenance and optimization strategies. These strategies can be deployed remotely by the BluEdge Command Center.

"No two buildings, systems or applications are the same," said Qureshi. "That is why Abound Predictive Insights includes a consultative and comprehensive, tiered service model with local experts and our own BluEdge specialists. Both serve as trusted advisors, using the intelligence to improve asset performance and achieve desired building outcomes."

To learn more about the benefits of the Abound suite of solutions and digital platform that provides real-time IAQ, thermal comfort and energy usage insights, visit abound.carrier.com.

*Operations & Maintenance Best Practices: A Guide to Achieving Operational Efficiency, Office of Energy Efficiency and Renewable Energy, Federal Energy Management Program, August 2010

About Carrier

Founded by the inventor of modern air conditioning, Carrier is a world leader in high-technology heating, air-conditioning and refrigeration solutions. Carrier experts provide sustainable solutions, integrating energy-efficient products, building controls and energy services for residential, commercial, retail, transport and food service customers. Carrier is a part of Carrier Global Corporation, the leading global provider of healthy, safe, sustainable and intelligent building and cold chain solutions. For more information, visit carrier.com or follow [@CarrierHVAC](https://www.linkedin.com/company/carrierhvac) on LinkedIn.



ABOUND

Predictive Insights

- Works in conjunction with i-Vu®, WebCTRL®, or any BACnet building automation system
- Analyzes data from connected HVAC equipment and building automation assets using artificial intelligence (AI) to provide predictive and proactive insights
- Includes advisory services and actionable reports from our team of experts to help:
 - Optimize efficiency and comfort
 - Identify faults and inefficiencies
 - Reduce unplanned downtime
 - Minimize maintenance spend
 - Plan for capital expenditures
 - Extend asset life



Abound™ Predictive Insights combines advanced data analysis of HVAC equipment and building automation assets with advisory services. Using these insights, Carrier experts provide predictive and proactive maintenance recommendations, optimizing asset performance throughout their life cycle.