



DISCOVER A SMARTER PLATFORM FOR MANAGING YOUR BUILDINGS

Experience total control and
comfort with the i-Vu® Building
Automation System



i-VU® BUILDING AUTOMATION SYSTEM

Bring all your operations into focus for a healthier and more efficient building

The components that power today's smart buildings have grown increasingly complex. At Carrier, we want to make it easy for you to manage all your equipment so you can drive greater efficiencies across your entire organization.

With the i-Vu® Building Automation System (BAS), you can bring your systems together to see a bigger picture, make better decisions and improve performance — all with an easy-to-use interface that's accessible from anywhere.



i-VU BAS

When it comes to meeting the demands of your smart building, the i-Vu® BAS is just the beginning. As part of a complete platform, i-Vu can help you customize your system with solutions to help you do more than just building automation.



TRUVU™ BUILDING CONTROLS

Use pre-engineered algorithms and fault detection and diagnostics (FDD) included with our native BACnet controllers to identify anomalies and respond to issues



ABOUND® NET ZERO MANAGEMENT

Drive energy-saving strategies and improved user experiences with energy management tools to identify areas where you can reduce energy consumption and lower energy costs



ABOUND® PREDICTIVE INSIGHTS

Connect your data to our digital platform and receive proactive maintenance and performance recommendations from our team of experts



CARRIER CONTROLS EXPERTS

Choose from a range of factory-certified Controls Experts in your area to help manage your entire installation and provide ongoing maintenance and support



Take a wider view of building control with

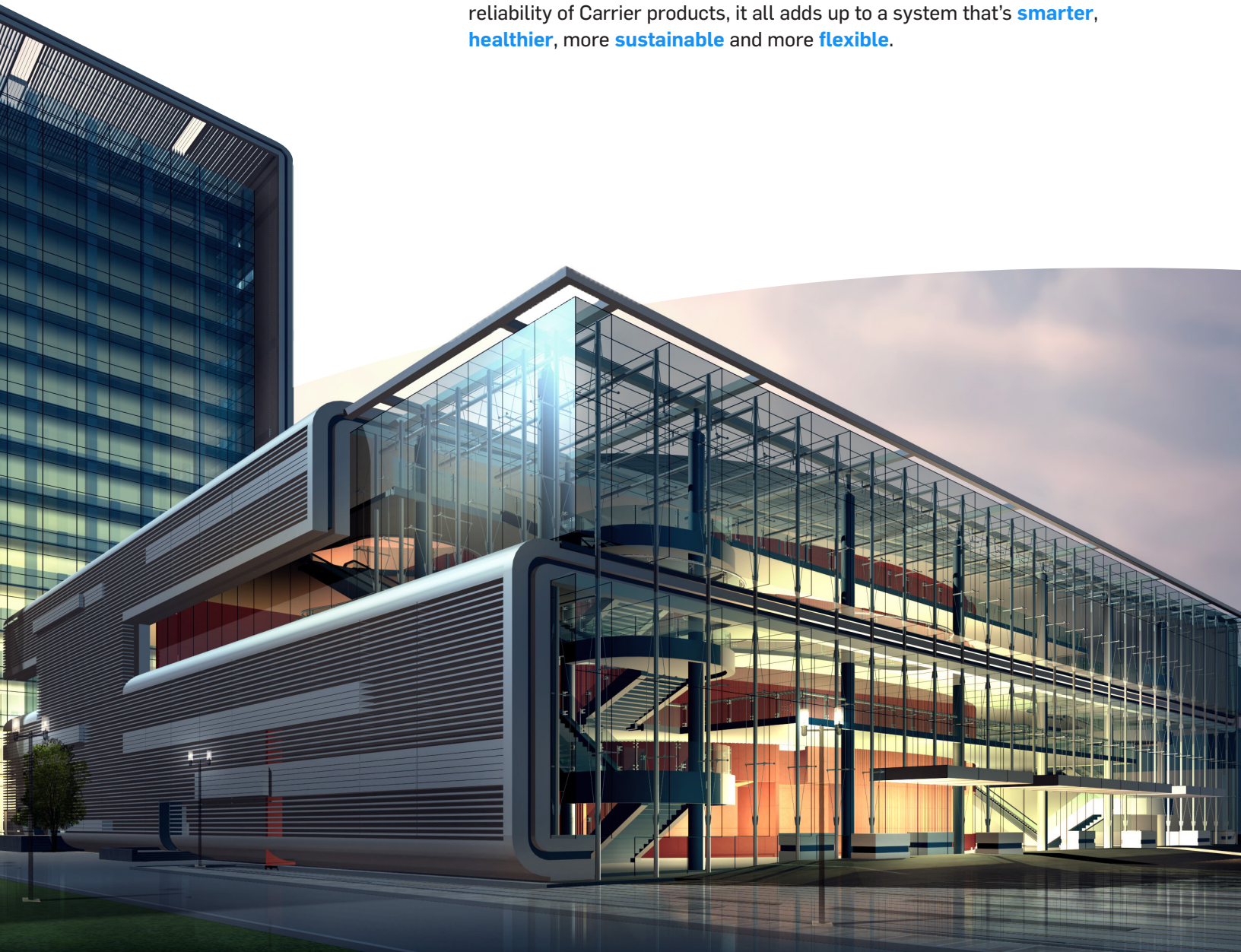
REAL-TIME VISIBILITY AVAILABLE 24/7/365

While the i-Vu system is optimized for Carrier HVAC equipment, it uses open BACnet standards. This allows you to integrate any of your HVAC components, in addition to other building systems such as lighting, variable speed drives, meters and much more.

No matter what you want to achieve in terms of operational efficiencies, energy savings and occupant comfort, the i-Vu BAS can help by providing:

- Pre-engineered control programs to simplify system setup and minimize field programming
- Built-in system strategies that eliminate the need for system coordination modules
- A graphic-rich user interface accessible from any web-enabled device or wall-mounted touchscreen
- Unique graphics for individual components to improve insights and accessibility
- General purpose controllers and flexible support for custom graphical programming
- Tools for energy reporting and analytics to drive proactive changes to your building's environment

When you combine these features with an easy installation and the proven reliability of Carrier products, it all adds up to a system that's **smarter**, **healthier**, more **sustainable** and more **flexible**.



A HEALTHIER FUTURE STARTS INDOORS



Unlock your building's ability to help improve human health and productivity by ensuring optimal system performance. With the i-Vu® BAS, you can easily monitor and maintain environmental conditions, improve the occupant experience and optimize your healthy building strategy.

Creating an environment for success

Explore how the i-Vu® BAS can help you maintain a healthy work environment by increasing visibility and control over a range of conditions.



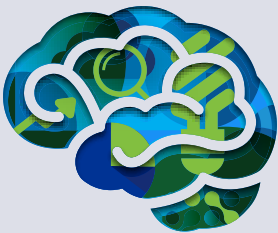
Use zone sensors to monitor temperature, relative humidity and indoor air quality (including carbon dioxide and volatile organic compounds, or VOCs) to ensure comfort and productivity



Provide fresh air at all times and save costs with demand controlled ventilation (DCV) and integrated economizer control



Adjust lighting levels and accommodate room occupancy and natural lighting (daylight harvesting) through integration with your lighting system



THE IMPACT OF GREEN BUILDINGS ON COGNITIVE FUNCTION

BETTER BUILDINGS, BETTER THINKING

New research is helping us quantify the overall value of healthy building strategies. Through the COGfx study and the HEALTHfx study*, we're seeing that healthy buildings can have a significant impact on factors that contribute directly to a business's bottom line.

- Cognitive function test scores averaged 101% higher in green buildings with enhanced ventilation compared with conventional buildings
- Workers in green-certified buildings reported 30% fewer health symptoms than those in non-certified buildings
- Between 2000 and 2016, green-certified buildings delivered total financial benefits valued at \$13.3 billion compared with non-certified buildings

*COGfx study - Retrieved from <https://thecogfxstudy.com/why-you-should-care>



ENHANCED TOOLS FOR OPTIMIZATION — WITH INTELLIGENCE BUILT RIGHT IN

It's easy to advance your objectives when you put smarts to work with the i-Vu® BAS. By collecting performance metrics and usage data — and presenting it in a way that's easy to understand — our system can help you make informed decisions and proactive changes.

More ways to see what's coming

The i-Vu® BAS includes powerful features that help you deal with issues before they arise.

Smart Controls

Take advantage of TruVu controls, with support for ASHRAE Guideline 36, High-Performance Sequences of Operation for HVAC Systems, and FDD

Smart Sensors

Measure environmental conditions including temperature, humidity, CO₂, VOCs, lighting levels and more with our Smart Sensors

Smart Valves

View performance data from anywhere and experience fast error detection with integrated FDD in our Smart Valves

Visualization Tools

Access critical information through guided insights, trends and scatter plots, thermographic floor plan displays, intuitive dashboards and more

THE SUPPORT YOU NEED TO MAKE SUSTAINABILITY SIMPLE

With the i-Vu® BAS, we want to ensure you have everything you need to fine-tune your building's performance. That includes real-time visibility through customizable user interfaces, automated occupancy monitoring, pre-engineered algorithms for optimal setpoints and much more.



Make your vision a reality

From helping you achieve LEED® certification to earning valuable tax credits, we can help you take the next step in your sustainability journey.*

- Work with a Carrier Controls Expert Certified Installer of your choice to help optimize control of your facility and ensure your system is properly maintained
- Give occupants the freedom to adjust temperatures and override BAS setpoints by using a wide range of sensors and interfaces
- Use integrated schedules, setpoints and alarms to establish precise control over building performance and implement energy-saving strategies

*LEED® — an acronym for Leadership in Energy and Environmental Design™ — is a registered trademark of the U.S. Green Building Council®.



ABOUND | Net Zero Management

SEE YOUR BUILDING'S ENERGY PERFORMANCE WITH ABOUND® NET ZERO MANAGEMENT

About Net Zero Management lets you bring your data to life with graphs, charts, reports and dashboards that can help you meet your energy conservation and savings objectives.

- Visualize energy usage and costs with pre-built dashboards to identify problem areas and find opportunities for improvement
- Share insights throughout your organization and deliver key findings to any stakeholder
- Benchmark building energy usage across your entire portfolio and report on consumption, spend, and Scope 1 and 2 GHG emissions

WE GIVE YOU THE TOOLS — YOU TAKE CONTROL

From a choice of installers to our optional add-ons, we give you the flexibility to achieve operational efficiency in a way that works for you. And with its open standards, the i-Vu® BAS is one building automation system that truly plays well with others.



Flexible enough for any building application

Every building is different. That's why we engineered the i-Vu® BAS to be flexible, scalable and more than capable of meeting your unique requirements.

- Connect anywhere and anytime through wall-mounted touchscreen interfaces or remotely from any web-enabled device
- Integrate any BACnet-compatible equipment or systems to centralize building management using a single user interface
- Work with us to build a control network as large or as small as your facility demands and choose from a range of ancillary devices to maximize your equipment investment



ABOUND

Predictive Insights

TAKE YOUR BUILDING'S DATA FURTHER WITH ABOUND® PREDICTIVE INSIGHTS

Gain even more insights and support for your building with the services and cloud capabilities of our Abound Predictive Insights solution.

- Connect your building to our cloud-based CORTIX™ IoT platform for advanced data analysis using artificial intelligence (AI)
- Receive actionable insights and recommendations for corrective actions from our team of experts
- Use this information to reduce unplanned downtime, increase maintenance efficiencies, and optimize capital expenditures



THE EXPERTISE TO TAKE YOU EVEN FURTHER

Carrier trains, tests and certifies HVAC installers to be experts in building controls. With thorough training and ongoing testing, our certified installers are always available to help you get the most from your i-Vu BAS. So wherever you are, know that you can count on us for the industry-leading excellence that's synonymous with the name Carrier.



For more information,
visit www.carrier.com/ivu or

CONTACT YOUR LOCAL CARRIER CONTROLS EXPERT

CONTROLS EXPERT LOCATOR:
www.carrier.com/controls-experts

©2024 Carrier. All Rights Reserved.
Catalog# 11-808-834-01 2/23/24