

i-Vu[®] Building Automation System

Total Control and Comfort for Your Building



i-Vu® Building Automation System

Stay Connected to Your Building...No Matter Where You Are



The i-Vu® Building Automation System from Carrier transforms equipment and controls into a network that is easy to understand, monitor, regulate and change. The i-Vu Building Automation System keeps facilities staff connected to their heating, ventilation and air conditioning (HVAC) systems around the clock, along with lighting, data, security and ancillary systems.

Facilities staff can connect locally — through a wall-mounted touchscreen interface in the building — or from any web-enabled device, from PC to tablet to smartphone. The i-Vu Building Automation System allows facilities staff to respond quickly and effectively to everything from alarm conditions to changing usage requirements, whether the facility is a low-rise retail space, mid-rise residential property or large mixed-use tower.

The i-Vu Building Automation System also gives facilities staff access to detailed performance data, building schedules, equipment trends, and system alarms, along with full reporting capabilities and seamless integration to equipment from any manufacturer. This means straightforward systems integration, the ability to manage all of the equipment in the building through a single user interface, and ultimately the most fine-tuned performance available from your building.

The i-Vu Building Automation System goes even further, connecting your building occupants with the HVAC system through a wall-mounted touchscreen interface so they can adjust their own surroundings to meet their individual comfort needs within a set range of operating parameters.

And finally, the i-Vu Building Automation System connects the Carrier Controls Expert contractor to your facility — again, either locally through a touchscreen or remotely from any web-enabled device — to provide seamless, real-time service, maintenance and troubleshooting that can mean the difference between a slight adjustment and a larger issue.

Total control begins with the fundamentals — individual components built on open standards that easily integrate into the i-Vu® Building Automation System. i-Vu controls can be factory-installed on heating, ventilation and air conditioning (HVAC) equipment from Carrier, or field-installed on equipment from any manufacturer.

i-Vu general purpose controllers are compatible with an extensive application library to meet the unique requirements of every facility. The control network can be as large or as small as the facility demands—the i-Vu Building Automation System makes it easy to create a custom network.

i-Vu controls are:

- Built on open standards (BACnet®), and BACnet Testing Laboratories (BTL) certified
- Flexible – can be factory-installed or field-mounted
- Easily integrated with other building systems such as lighting, variable speed drives, and meters
- Designed for scalability – build small or large systems easily

Open Service The “Carrier Controls Expert” Advantage



CONTROLS EXPERT

Tested. Certified. Factory Authorized.

Select your choice of the Carrier Controls Expert certified contractors in your area, and you’ll be sure your installer has the expertise and backing of Carrier whenever they serve your facility.

www.carrier.com/controls-experts

The i-Vu Building Automation System enables web-based and local access for both facilities staff and building occupants to deliver total system and comfort control.

Wondering which contractor is the best choice to service your building automation system or individual controls? Protect your investment by choosing a factory-authorized Carrier Controls Expert Certified Contractor. The Carrier Controls Expert program trains and certifies an elite class of HVAC contractors who install and service the i-Vu Building Automation System in commercial buildings.

Through thorough training of their specialized service technicians — and rigorous, ongoing testing at various Carrier Controls Expert Training Centers — certified contractors maintain extensive knowledge of the i-Vu Building Automation System and its components.

The Carrier Controls Expert Certified Contractor is more than just a vendor. They are a partner dedicated to ensuring that individual controls and the i-Vu Building Automation System are correctly maintained.

This serves to maximize the value of your systems, to optimize the performance of the facility and to protect your investment in equipment and controls.



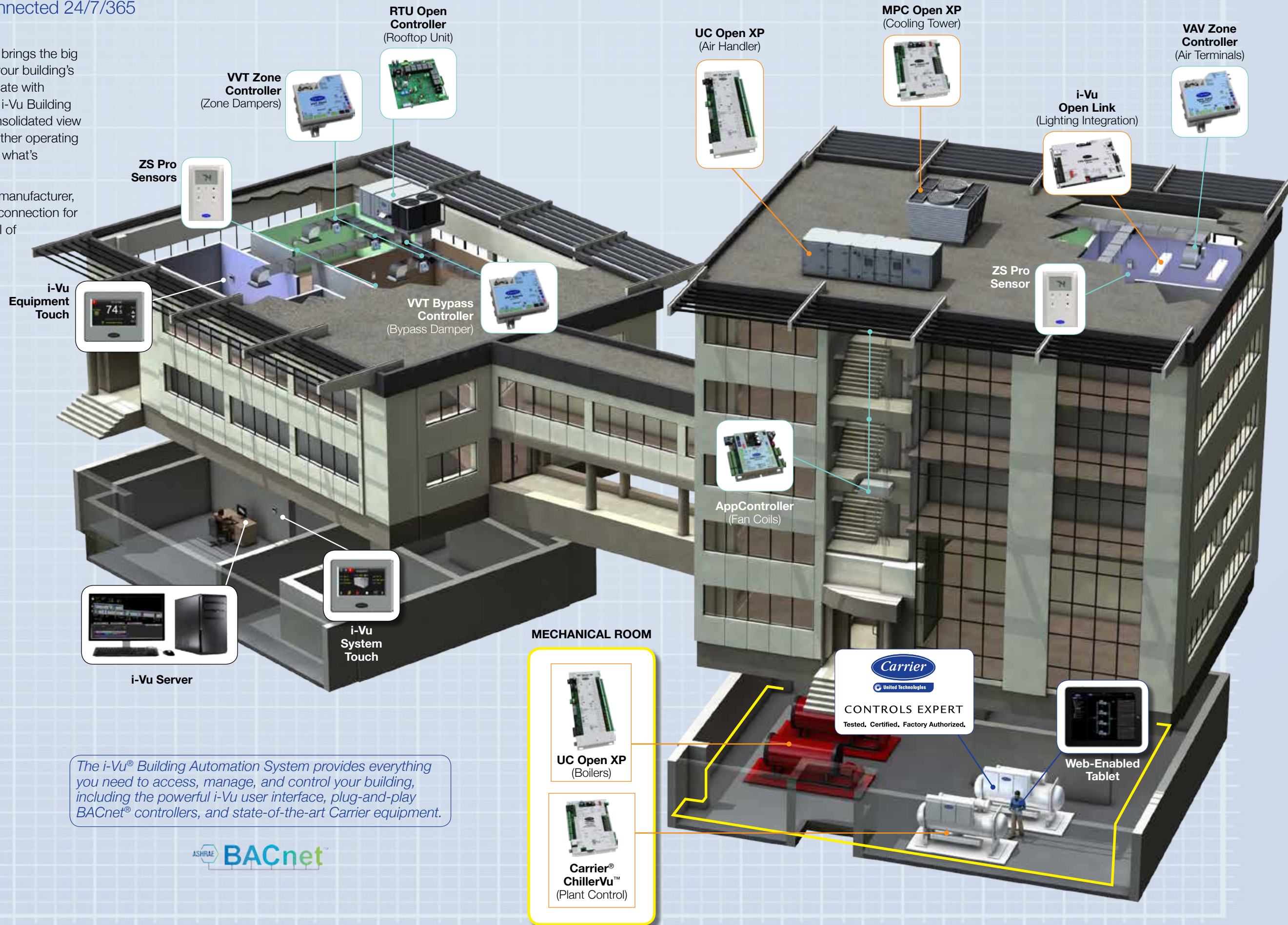
i-Vu® Building Automation System

Components That Keep You Connected 24/7/365

The i-Vu® Building Automation System (BAS) brings the big picture into sharp focus with a 360° view of your building's entire operation. With its ability to communicate with HVAC and ancillary system components, the i-Vu Building Automation System gives you a real-time consolidated view of occupant comfort, energy usage, and all other operating conditions. As a result, you'll know precisely what's going on... and why.

Regardless of the control type or equipment manufacturer, the i-Vu Building Automation System is your connection for seamless, comprehensive and flexible control of all systems in your building.

- Easy to install and commission
- Pre-engineered control programs simplify system set-up and minimize the need for field programming
- Built-in system strategies eliminate the need for expensive system coordination modules
- Engineered for a variety of energy saving strategies
- Intuitive, graphic-rich i-Vu user interface keeps you connected to your facility from any web-enabled device or locally through a wall-mounted touchscreen
- Unique graphics for individual system components give users total insight and control
- General purpose controllers enhance flexibility and support custom graphical programming



The i-Vu® Building Automation System provides everything you need to access, manage, and control your building, including the powerful i-Vu user interface, plug-and-play BACnet® controllers, and state-of-the-art Carrier equipment.



Comprehensive Expertise

Carrier Equipment, Controls and Service Offer Proven Reliability



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Carrier provides a complete line of heating, ventilation and air conditioning equipment for commercial buildings, as well as powerful i-Vu controls that come factory installed on Carrier equipment for cost savings and ease of set-up. Carrier has long-standing expertise in commercial HVAC systems—after all, Willis Carrier invented modern air conditioning back in 1902.

Carrier delivers complete HVAC solutions that seamlessly integrate world-class equipment with the industry's most advanced i-Vu controls. These i-Vu controls feature built-in control programs, which are engineered by Carrier equipment experts with efficiency, energy savings, and optimum equipment performance in mind.

The i-Vu Building Automation System transforms equipment and controls into a cohesive system that allows facilities staff to monitor and control the entire building for occupant comfort and energy efficiency. And the whole system is factory-tested to ensure seamless operation.

With the renowned reliability and efficiency of Carrier products, the precise and flexible capabilities of i-Vu® controls, and the unparalleled access provided by the i-Vu Building Automation System, your facility can achieve maximum operational and financial performance while your Carrier Controls Expert Certified Contractor provides complete peace of mind.

So whatever and wherever the application, the i-Vu Building Automation System responds with the industry-leading excellence that is synonymous with the name Carrier.

For over a century, Carrier has been globally recognized for consistently delivering the highest quality HVAC system solutions, equipment, controls, service, and unparalleled customer support.



The i-Vu Building Automation System provides everything you'll need to access, manage and control your building.

i-Vu® Building Automation System

Components

i-Vu® User Interfaces



Networking and Integration



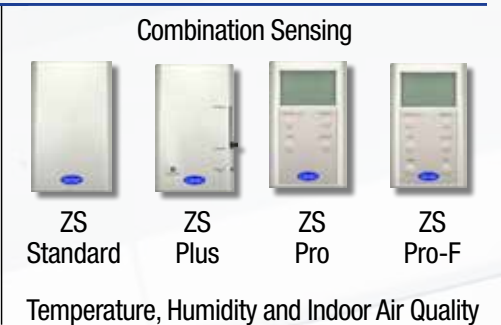
Carrier Equipment with Factory-Installed i-Vu Control Options

 WeatherMaker® 48/50 Series RTUs	 WeatherMaster® 48/50 Series RTUs	 WeatherExpert® 39 Series AHUs	 the art of air handling 40 Series Unit Ventilators	 AIRSTREAM™ 42 Series Fan Coils	 AQUAZONE™ 50 Series WSHPs
 VAV/WVT Air Terminals 35 Series (single duct) 45 Series (parallel/series fan)	 AQUAFORCE® AQUASNAP® AQUAEDGE 30 Series Air-Cooled Chillers	 AQUAFORCE® AQUAEDGE 19, 23, and 30 Series Water-Cooled Chillers			

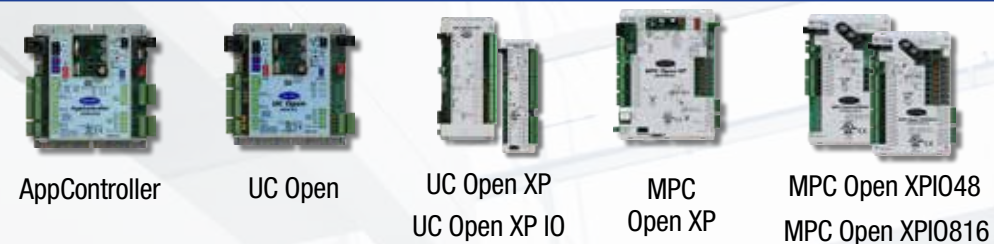
Application-Specific Controls



Space Sensors



General Purpose Controls



Plant Control



i-Vu® Building Automation System



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**For more information,
contact your local Carrier Controls Expert.**

Controls Expert Locator:
www.carrier.com/controls-experts



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