

# The Controls Chronicle

The Carrier Controls Customer Newsletter



United Technologies  
turn to the experts

## New BAS University Learning Management System

The Carrier Controls Team is pleased to announce the release of the BAS University Learning Management System (LMS), the new home for all Carrier Controls Expert training content and exams. The new LMS now offers Single-Sign-On (SSO) from HVACpartners.com, a custom Controls Expert experience, and enhanced course layouts.

With the new LMS, we will now implement course passwords for self-registering students. The exam passwords, as announced in the 2015 CS and IS release bulletins ([OPN15-04](#) & [OPN15-05](#)), remain the same. The ES exams still require manual enrollment by a grading instructor from BAS University.

Users can access the new LMS by visiting the new site [here](#) and clicking on the Carrier logo.

If you have any questions about using the new LMS, registering for a course or exam, or have difficulty using the new LMS, please contact your local Carrier office.

## New Carrier i-Vu<sup>®</sup> Building Automation System Video

Optimizing building operations today is all about balancing comfort with efficiency, precision with profitability, and sophistication with simplicity.

Carrier offers heating, ventilation and air conditioning equipment, building automation systems, and expert service to help achieve that balance, while intelligently bringing all aspects of your building together.



After watching this short [video](#), you'll understand how Carrier has you – and your building – covered.

## Carrier<sup>®</sup> ChillerVu<sup>™</sup> Energy Dashboards Coming Soon

The next release of the Carrier ChillerVu system, version 1.2, will include Chiller Plant Energy Dashboards.

Included in the dashboards are preconfigured screens for both air-cooled and water-cooled plants, allowing the customer to see current and historic plant energy performance at a glance. Energy use data, including kW/Ton, iKw/kW, and coefficient of performance are displayed both graphically and numerically. Display screens are easy to edit using existing tools (Snap and ViewBuilder). Default screens for 8 chiller plants can be quickly edited to match the equipment configuration in a given plant, and duplicated to accommodate even larger plants. Metric and imperial units are supported, and local currency values representing actual energy costs can be displayed.

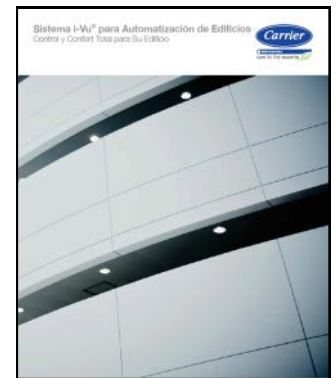


Q4 2015



Now Available!

i-Vu<sup>®</sup> Control Brochure:  
Spanish Edition



<http://hvacpartners.com>

Happy  
Holidays

Become a Carrier  
Controls Expert!



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## Coming Soon: OpenADR Support for your i-Vu® System!

OpenADR (Open Automated Demand Response), is a high level communication protocol that provides a way for utility suppliers to provide automated connectivity to a customer's control system and control strategies. Once connected, the utility supplier can send direct signals to the control system, telling it to turn off building equipment and other electrical power-using devices during periods of high demand.



Automated demand response programs benefit both the utility company and the customer. The utility company benefits by reducing load when electric grid contingencies threaten supply-demand balance, while customers benefit from reduced utility rates and other incentives for their participation in such programs.

The OpenADR protocol is flexible enough to cover a wide range of building systems, from a simple on/off rooftop air conditioning unit to thousands of pieces of equipment on a college campus.

The OpenADR protocol is supported through the OpenADR Alliance, which was formed to support the development, testing, deployment, and adoption of commercial OpenADR applications. The OpenADR Alliance engages both service providers (such as electric utilities), as well as third-party entities (such as control system manufacturers), to manage electric loads. The OpenADR Alliance enables all stakeholders to participate in OpenADR, dynamic pricing, and electricity grid reliability, and also certifies products as OpenADR compliant.

OpenADR will be a future add-on to the i-Vu Pro building automation system, and this add-on will be certified by the OpenADR Alliance. Both OpenADR 2.0a and 2.0b protocols will be supported. Stay tuned for further details.

## New Version of ComfortDRAW App Now Available!

ComfortDRAW version 5.1.1027 is now available! This new version includes many new enhancements for Visio drawings, the estimating wizard, new stencils, and several bug fixes. Below are just a few of the new enhancements. Click [here](#) for the complete list of enhancements included in this new version.

- ComfortDRAW drawings now offer the ability to have multiple drawing tabs within the working window. These are similar to the tabs of an Excel workbook. Jobs built in Version 5.0 require the user to "Open" the tabs in their existing drawings.
- The ComfortDRAW application now includes the ability to create building network documentation including detailed BACnet® network addressing and a new riser creation tool to help document controller networks.
- Point names have been increased to better support naming within the Carrier i-Vu BACnet system.
- Coversheets have been added to better handle drawing packages.
- New stencils have been added to support chiller plant design work.

A fresh install is required for users of ComfortDRAW versions older than 5.0.1229.

Please download the latest version [here](#).

Q4 2015



CONTROLS EXPERT

## Training Calendar

### Georgia Training Center



**To register, please contact your local Carrier office.**

**1/12/16 - 1/15/16 (CS Tier):**  
[VVT/AV/System Touch Training](#)

**1/18/16 - 1/19/16 (ES Tier):**  
[Snap ES Training](#)

**1/20/16 - 1/22/16 (ES Tier):**  
[TPI Class ES Training](#)

**2/2/16 - 2/5/16 (IS Tier):**  
[Field Applied/UI Training](#)

**2/8/16 - 2/9/16 (ES Tier):**  
[Snap ES Training](#)

## Carrier University



**12/15/15 - 12/17/15:**  
**ECS511**  
[i-Vu CCN Standard & Plus](#)

**12/18/15: ECS515**  
[i-Vu Advanced Graphics](#)

**1/11/16-1/12/16: ECS101**  
[Intro to DDC Control Systems](#)

**1/18/16—1/19/16: ECS111**  
[Intro to Carrier Network Controls](#)

**1/20/16-1/21/16: ECS121**  
[Intro to i-Vu Open Control Systems](#)

