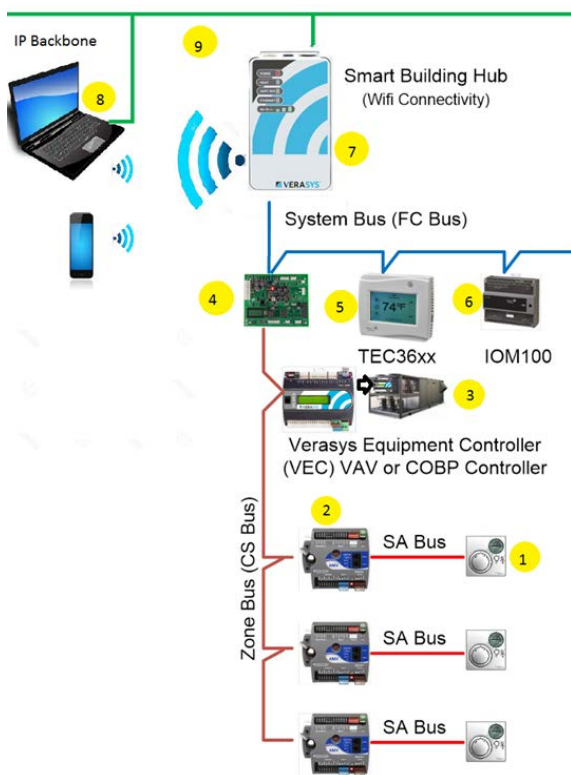




Verasys is a new, easily configurable control system for roof top units.

Johnson Controls designed this new platform specifically for the mechanical contractor. There are tool sets for estimating, configuring and wiring. The initial release focuses on controlling: Constant volume, Zoned, VVT, & VAV systems. You can now install and support your own energy management system! Verasys programming tools eliminate DDC complication, DDC prices, and the need to lean on others outside of your organization.

Here is an example of a job that uses a variety of controllers. The image below is broken down in the following steps, for clarification.



1. Install one sensor per zone. This sensor will be wired to the zone's actuator/controller. This wiring is referred to as the sensor actuator (SA) bus.
2. The actuator/ controller (combined with your configuration settings) will drive the damper open or closed. All the actuator/controllers will be connected via the Zone Bus.
3. The Verasys Equipment Controller (VEC) will interact with your RTU. New equipment will often have this as a factory option.
4. The Zone Coordinator is the supervisory controller that brings the system together.
5. You have the option to include thermostats that control RTU without zones.
6. You have the option to include Input/Output (IO) modules to control lights or other devices.
7. The Smart Building Hub will be wired to the end of the System Bus. The Smart Building Hub is a wireless gateway.
8. Use the browser on your phone, tablet, or laptop to connect wirelessly to the Smart Building Hub.
9. You have the option to wire the Smart Building Hub into the buildings IP network. This will allow you to have remote access into the system. Remote access opens ability to receive alarms, trends, and make remote changes to the system.

There are many other zoning products made for the light commercial building marketplace. Verasys has significant advantages over the popular systems sold by Carrier, Trane, Watt Master, Daikin, and Honeywell. If you work on jobs with these types of systems you should seriously consider Verasys on your next project.