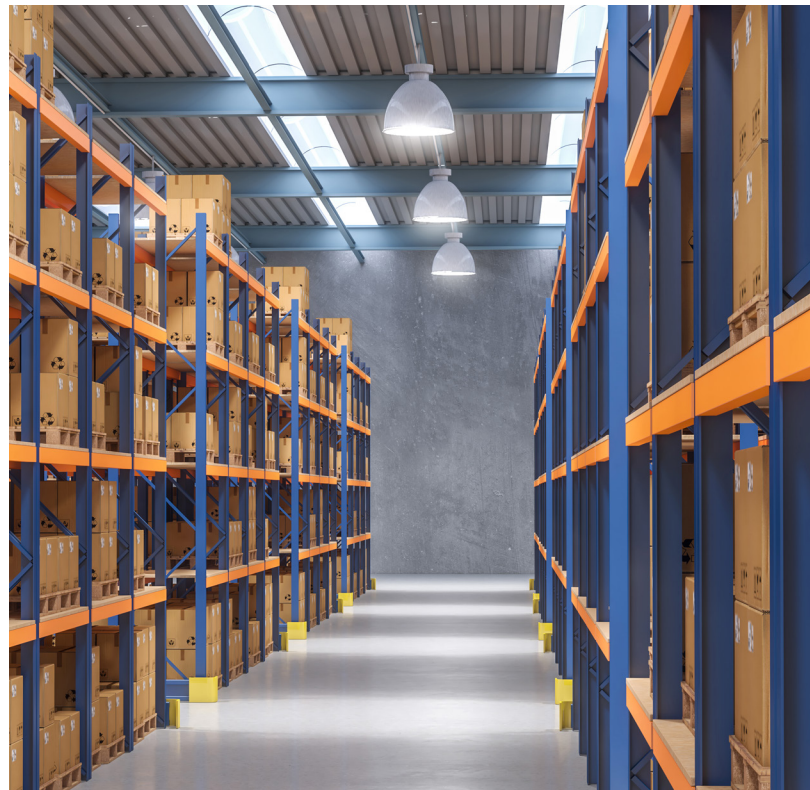




Configurable building controls system for smarter buildings

For light commercial to mid-market building controls

The Verasys Controls System designed by Johnson Controls leverages over 100 years of industry experience to provide your business with a best-in-class building controls system. Installing a Verasys solution in your new or existing building will improve the comfort of your building's occupants, reduce energy costs and protect HVAC equipment. Designed for the needs of light commercial to mid-market buildings, Verasys is a configurable solution that allows for less complexity and more capabilities.

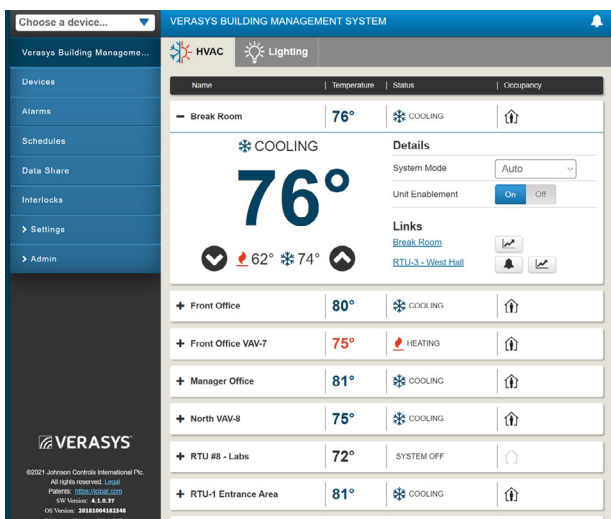




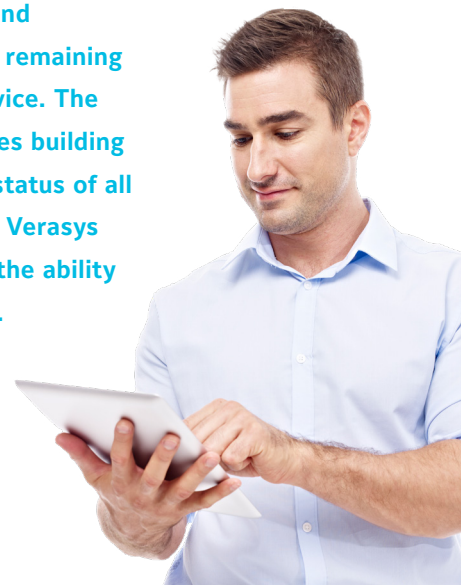
An intuitive solution at an affordable cost

Often, building owners need to weigh the energy reduction advantages of a building automation system with the payback period of the initial installation and upkeep of product licenses and accessibility. The Verasys Controls System offers prepackaged controls and monitoring along with wireless installation techniques to reduce the upfront installation cost, regardless of the building being a new construction or retrofit opportunity.

There is no associated product licensing/firmware costs or annual fees for Verasys access.* To ensure you are getting a fair market price, Verasys also uses an open communication protocol, meaning it can be installed and maintained by any local contractor.



Verasys provides an intuitive platform for you to control, monitor and optimize your building while remaining affordable to install and service. The Verasys Facility View provides building maintenance staff with the status of all equipment connected to the Verasys Controls System, as well as the ability to make simple adjustments.



*Not applicable for Verasys Enterprise multi-site customers.

Connectivity and scalability

– manage all aspects of your building

In today's world, connectivity is a necessity. You may need to access your system at any time to ensure tenant comfort, promote energy optimization and protect your HVAC equipment investment. Verasys provides remote connectivity to access your building management system through any internet-enabled device, such as a smartphone, laptop or tablet. This allows you and other system users to dispatch building maintenance staff, whether on-site or off-site.

Verasys communicates within a building through a non-proprietary, industry-standard called BACnet MS/TP. Due to this, Verasys can easily integrate all aspects of a building's needs – HVAC, lighting, refrigeration and more – via wired or wireless communication into a single, easy-to-use, front-end platform. Verasys is designed to be installed in a variety of light commercial and mid-market buildings – up to 150,000 square feet – including retail, restaurants, offices, warehouses, industrial parks, K-12 schools, healthcare clinics and hospitality.



As part of the installed Verasys system, the NS8000 Series Network Sensors monitor occupancy, humidity, CO² and temperature levels. They also allow for temperature averaging to monitor larger spaces easily.

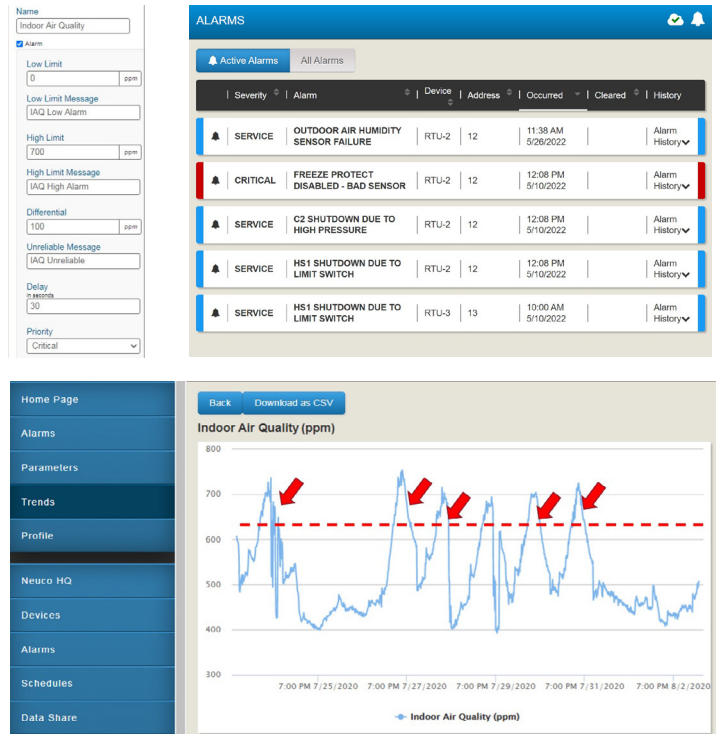


Monitoring, alarming and trending

Through the Verasys Controls System, you can monitor their building facilities from anywhere at any time. In a critical situation, you may need to take immediate action. Verasys provides system users with free alerts via text or email on any alarms generated by the system. Additionally, equipment trend information is available to assist with diagnostics and troubleshooting.



These alarms and trends serve as diagnostic tools for your building maintenance staff to be proactive with service while spending less time onsite during a building's hours of operation.



Leverage your current smart equipment controls

If your HVAC system includes a commercial rooftop by Johnson Controls, you already have a key component of the Verasys Controls System and may not have even realized it. All commercial rooftop units in the Johnson Controls equipment portfolio ship with a Smart Equipment (SE) Control Board that is designed to be paired with the Verasys Controls System. Leverage the SE Board in your existing Johnson Controls equipment and add a Smart Building Hub to create a Verasys Controls System that will allow you to optimize your building's HVAC equipment and provide alerts via email or text if an issue arises.



The Smart Equipment (SE) Board is installed at the factory and can be easily commissioned to get a rooftop up and running in as little time as possible.

Rooftop equipment already has controls embedded by the manufacturer and can connect seamlessly to the Verasys Controls System.

The Verasys Controls System allows you to commission, configure and access the SE Board via Wi-Fi or internet connection. Automatically discover all devices connected to your system for faster set-up and commissioning.



Smart Equipment identifies and notifies the owner of any equipment alarms or maintenance. Reset alarms remotely as opposed to needing a service provider on-site.

Utilize device trends in tandem with pre-designed alarming to diagnose issues and reduce any equipment service time needed. This will also extend the service life of the equipment.

Adjust building conditions through any Wi-Fi enabled phone, tablet, laptop, personal computer or internet browser. This offers building owners, engineers and contractors easy access to monitor equipment performance in their building.



Verasys portfolio management

The Verasys Enterprise System enables a multi-site user to view all locations under a single platform. This system delivers a holistic view of a company's HVAC portfolio. The enterprise solution, using storage in the cloud, allows storage of trends for up to three years. Plus, through the Verasys Energy Management System, a user can view and compare energy demand and consumption across various locations to target stores that may not be operating efficiently. Through simple command controls, a user can manage temperatures and building schedules in a single building or across their entire portfolio in just a few clicks.

For more information, please visit www.verasyscontrols.com

