Intelligent Systems™

Command your building’s HVAC system with confidence
Reliable performance for the long run

You can confidently monitor and command the buildings you are entrusted to manage with quick views of system status, trend information, setpoints, and set up schedules. Plus, you’ll save time, money, and energy in the simplicity of a solution that is factory-installed, pre-engineered to work for your system and approachable for the everyday user.

**Designed to optimize time and resources**
- Plug-and-Play system: it’s pre-engineered and pre-programmed saving time and money
- Centralized control so you maximize operations
- Remote access from any web-browser
- Customizable to fit your building’s needs
- Trend information to equip you with actionable data
- Standard BACnet® MS/TP open protocol
- Communicates with any BACnet® MS/TP capable device

**Putting the control for comfort in the right hands**
- Thermostat-like display reads naturally to users of any level
- Network status gauges how well the BACnet® communication network is running
- Comfort status gauges how well the building as a whole is maintaining temperature setpoints
- Quick links to device pages makes it easy to understand and navigate
- Device property pages feature realistic images of your equipment and let you view/manage devices easily
- Customizable Device List Pages give you a snapshot of how each device or zone is operating or maintaining setpoint

**Making your building management quick and efficient**
- New and improved trend information deliver thousands of data points in seconds
- Review up to 5 data points at once; or import trend data into excel for more detailed analysis
- See two different units on interactive, clickable graph for deeper data insight
- Scheduling in easy graphic format lets you easily schedule devices and gives you midnight crossover, multiple occupancy times per day and holiday schedules
Intuitive and easy-to-use controls simplify operations

BAS Made Easy

Whether you’re installing a customer’s HVAC system or managing the daily performance of a building, you need a controls solution that simplifies your work – not magnifies the complexity. Every day, your customers demand a building environment that makes their world more comfortable, but also keeps energy and expenses in check. Now, you can experience controls that are flexible to your needs and as approachable as your smart phone.

Powerful Applications

Daikin Intelligent Systems seamlessly blend the power of your HVAC system with more intuitive and easy-to-use controls that help you achieve even higher performance and efficiency. The plug-and-play installation outpaces the complexity of large BAS. Intelligent Systems are often the better solution for small to mid-sized building operations that call for choreographed coordination between units and systems or simply require the kind of accessibility that is now commonplace in today’s world.

- **Scheduling** – use default occupancy schedule or enter custom seven-day schedules and holidays.
- **System Summary** – spreadsheet-style information pages detail each setpoint, mode of operation, and status for all equipment.
- **Remote Monitoring** – connect to local network to make control changes or view current status from any computer, tablet, or smart phone.
- **Alarm Management** – receive notification when an alarm occurs via email or text message to a cell phone.
- **Data Logs** – continuous logging of data points to analyze potential problems. Displayed graphically on the touchscreen or exported to your local PC.
- **Ancillary Control** – custom, job specific control loops can be created on the System Manager to handle more unique job requirements.
- **Duct Pressure Reset** – save energy on VAV systems by allowing the system to automatically adjust the duct pressure setpoint on the rooftop unit to match the precise load in the building.
- **Document Storage** – the Help menu is pre-loaded with installation/operation manuals and cut sheets for the system and your HVAC units. Load your own PDFs to preserve warranty documentation or maintenance records so they are always accessible.
**Intelligent Systems Applications**

**VAV made simple, efficient and easy to install**

Variable Air Volume (VAV) systems have long been the gold standard for comfort and efficiency. You can rely on Daikin Applied for a complete VAV system that is as simple and easy to install as it is comfortable and efficient.

Intelligent Systems makes everyone’s job a little easier. The system controls, rooftop units, and air terminal units come pre-programmed and addressed at the factory for plug-and-play operation at the jobsite. VAV systems are available for systems as small as 3 tons.

**WSHP applications are smart solutions for smart savings**

Intelligent Systems for water source heat pump applications uses advanced technology delivering smart controls and remote accessibility. Units automatically communicate with the System Manager without any onsite programming or addressing. The Loop Water Manager handles the condensing water and all the components are coordinated for high performance and energy efficiency. No more trips into the ceiling grid because all of the system, condensing loop, and WSHP information is at your fingertips.

**Single zone rooftop applications**

Packaged rooftop units can be integrated into Intelligent Systems to provide a more intuitive interface, remote access, trend data, centralized scheduling, and alarm management. In addition, system level control allows for the coordination of rooftop units for sequencing, redundancy, or common duct applications.

**Customized control and third party equipment**

Intelligent Systems’ Ancillary Control Subsystem allows for easy setup of unique job specific control requirements. Auxiliary sensors and non-communicating devices can be controlled and monitored with the system through the IO Manager.

Daikin Applied’s BACnet® thermostat now allows any thermostat controlled HVAC equipment to be directly integrated and controlled from the System Manager through the system’s open protocol communication line.
Intelligent Systems - VAV Application

System Manager
- Touch Screen Panel
- Browser-based Interface

BACnet® MS/TP Network

VAV Boxes

Daikin Rooftop

Connect up to 127 Total Devices in a System

VAV Full-featured Sensor
Modern design complements any décor and allows Timed Override by building occupants.

BACnet® Thermostat

Integrate third party or ancillary equipment

Exhaust Fan
The industry leader in environmental solutions
Daikin Applied is committed to sustainable practices as part of our corporate culture. We believe it is the right thing to do for our customers, our community, the environment and ourselves. As the global HVAC leader, Daikin Applied has a unique opportunity to make a difference in sustainable initiatives and continue to lead the industry in environmental solutions.