



Automated Logic offers a suite of Healthy Building Solutions - advanced products, sequences of operation, and services that help deliver healthier, safer, more efficient, and more productive indoor environments. From the WebCTRL® building automation system and products that improve indoor air quality, to remote management services for safe startup and ventilation in buildings, Automated Logic supports healthy buildings throughout their lifecycle. Automated Logic's experts will work closely with you to design, maintain, operate, and sustain your buildings to help protect what's most important – the health of those inside.

Our **Healthy Building Solutions & Services** include:



**Facility Management Tools** that help building operators manage occupant comfort, energy efficiency, and overall building health.



**Communication Tools** that provide building occupants with real-time visibility into air quality metrics in their immediate area.



**Connected Services** that allow Automated Logic experts to remotely manage your building's systems, providing a safe and comfortable environment for occupants with little or no visits to the site.

# Healthy Building Solutions & Services

## FACILITY MANAGEMENT TOOLS



**Purge & Ventilation Solutions** includes building automation programming which incorporates a high ventilation mode for each air handling system to increase outside air, adjust outdoor air damper position, override demand control ventilation for maximum ventilation, and more on an event initiated basis. All values are adjustable for each air handler to accommodate zone conditions.

**Retro-Commissioning** is a service to improve your existing building's performance by identifying operational improvements to increase occupant comfort, save energy and optimize operations. Retro-Commissioning also serves as a building safety check by providing a thorough analysis to help ensure the building meets codes.

**Demand Control Ventilation** adjusts the amount of outside air in a space based on occupancy. This standard feature of the WebCTRL system results in superior indoor air quality, occupant comfort and energy savings.

**Zone Occupancy Sensors** helps ensure optimal crowd management. Our sensors detect occupant presence to help increase ventilation, report alarms, and track real-time occupancy.

**Security-Based Occupancy Sensing** provides real-time integration to access control systems such as the Lenel® OnGuard® system so that building occupancy can be determined based on access card swipes. Display live occupancy metrics in the WebCTRL system and manage heating, cooling, and lighting systems based on occupant location.

**Indoor Air Quality Sensors** monitor carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), pressure,

humidity, and volatile organic compounds (VOCs) to optimize the use of HVAC systems, helping to ensure healthy air quality within the building.

The **Environmental Index™** tool enables building operators to manage critical air quality factors such as temperature, humidity, Volatile Organic Compounds and CO<sub>2</sub> levels. The tool uses all four metrics to compute a numeric "comfort" score, making it easy to understand building performance at a glance and take action if necessary.

**Time-lapse™ Graphics** allow building operators to look at floor plans, equipment graphics, and trends and alarms over a past period of time so you can quickly identify and resolve building control issues.

The **WebCTRL® Fault Detection & Diagnostics** library of control sequences, as described in ASHRAE Guideline 36-2018, provides best-in-class sequences of operation for HVAC systems that help maximize indoor air quality, occupant comfort, energy efficiency, and provide real-time fault detection and diagnostics for operators.

The **AC<sub>x</sub>elerate™ Automated Commissioning** tool delivers confidence that the building's air system is commissioned correctly and that air is flowing properly. The tool can run on-demand or on a schedule. Once initiated, it discovers all VAV terminal units and air handling units in the WebCTRL system and maps the necessary data points for testing. Next, a set of functional tests automatically exercises the dampers and reheat valves in the VAV system. The test data is then analyzed based on known physical behavior patterns and faults of VAVs, dampers and valves.

**Enterprise Integration** connects all your facilities, systems, and equipment seamlessly, providing centralized control with a single user interface. The WebCTRL® system makes it easy to view and share data throughout the enterprise and beyond.

# Healthy Building Solutions & Services

## COMMUNICATION TOOLS



**OptiPoint™ IAQ** displays are wall-mounted, full color displays that provide building occupants with real-time visibility into indoor air quality metrics in their immediate area. Available in three sizes, they are fully customizable to show a choice of key air quality performance metrics.

The **EnergyReports™ Eco-Screen®** kiosk can be mounted in a building's common area to showcase the facilities' energy conservation and sustainability measures. Occupants and visitors can engage with the data and learn about the building's innovative, energy-efficient features.

**EnergyReports™ Analytics & Dashboards Editions** deliver advanced building portfolio analytics, enabling faster, data-driven building performance decisions. Actionable insights are delivered via dashboards, to manage health, comfort, energy, and sustainability performance for your entire portfolio of buildings.

## CONNECTED SERVICES



**Remote Airside Management** can help by leveraging the WebCTRL® building automation system to remotely manage the building's airside, providing confidence to tenants and occupants that they are entering a safe, healthy and comfortable environment all while using remote actions and resolutions to supplement on-site staff.

**WebCTRL® Health Monitoring** provides insight into the health and availability of the WebCTRL building automation system and its associated controllers. Proactive system enhancements and maintenance strategies can be deployed, helping to improve performance and extend system life.

**Remote Energy Management** delivers energy savings by policy standardization and asset & control system performance improvement while ensuring a comfortable environment to the occupants.

[Contact your local Automated Logic office for solutions and services on how to improve the air quality, ventilation, and overall health in your buildings.](#)