
DISTECH
CONTROLS™



Meet the **New Standard** in Building Management Solutions for Commercial Buildings





Is your building performing at its best?

Learn why a growing number of commercial building owners and managers are turning to Distech Controls' proven building automation and energy management solutions to help them achieve greater results.

Distech Controls offers a completely integrated building management system that is core to your buildings' comfort requirements and sustainability strategy. Our Web-based platform provides a unified solution for single or multiple commercial building facilities, integrating **HVAC, Lighting, Access Control, CCTV, and Energy Management solutions.**

Distech Controls' building management system allows you to lower your energy and operational budgets and reduce the lifecycle cost of your buildings, all while creating a comfortable, healthy, and productive work environment for your employees or tenants.



□ Provide **Productive** & Safe Working Environments



Indoor environmental quality (IEQ) in a commercial building has a significant impact on worker performance, influencing everything from their concentration to attendance to overall satisfaction. With this much at stake, it remains essential for building owners and facility managers to keep their commercial buildings consistently comfortable for occupant welfare and productivity.



- **Address** both current and future tenant and occupancy requirements cost-effectively with a flexible and scalable building management system (BMS).
- **Implement** comprehensive building controls, energy management, monitoring, and optimization solutions with one unified and integrated building management platform including HVAC, indoor and outdoor lighting, sunblinds, energy management, utilities metering, access control, CCTV, and other custom applications.
- **Optimize** environmental conditions, including CO₂ levels, ventilation, temperature, natural light, and humidity in all space types, including

work, meeting, and support spaces, and easily respond to occupants' comfort needs.

- **Benefit** from a fully integrated access control and video security system with an intuitive Web interface that can be configured and managed by IT, security, or human resources staff.
- **Monitor** and control elevator/floor access, specific preset locations, and video surveillance via a single interface.
- **Improve** indoor air quality with innovative control products that integrate the latest technologies and standards.



Let Distech Controls show you how our expertise, technology, and innovative solutions can make your commercial buildings more comfortable, efficient, and sustainable.



□ Reduce Energy Costs & Optimize Sustainability

Escalating energy and operational costs are a reality for many building owners and property managers today, impacting everything from budgets to the bottom line. Moreover, they are more compelled than ever to reduce the overall impact of their facilities on human health and the natural environment.

- **Implement** a system that offers integrated energy efficient control sequences.
- **Continuously optimize** building energy use by setting usage conditions based on schedules, weather conditions occupancy, or daylight sensing.
- **Benefit** from our wireless, battery-less sensor technology; an efficient solution for open spaces, changing room configurations, or difficult to wire spaces such as atriums.
- **Leverage** real-time utilities metering and monitoring, and avoid unfavorable peaks with alarming and automated load shedding activities.
- **Take** full advantage of Demand Response programs and Smart Grid applications through seamless Web-based load management.
- **Achieve** over 30% energy and operational cost savings, while reducing your carbon footprint.

□ Ensure Your System is Always Performing Efficiently

For building owners, gaining control of their energy spend is essential, but they also need to ensure that their building automation system runs optimally at all times, reducing maintenance, operational, and equipment costs, all while maximizing occupant comfort.

- **Free** your administrative and maintenance staffs from time-consuming tasks with a unified and seamless building and energy management system designed for ease of use.
- **Use** settings for both preventive and scheduled maintenance, including monitoring of equipment quality and filter changes, to reduce operational costs and increase efficiencies of your HVAC system.
- **Identify** poorly performing equipment before occupants complain, and reduce operational costs with auto diagnostics capabilities such as our VAV Performance Assessment Control Charts (VPACC) feature.
- **Benefit** from quality products, fully tested before leaving the factory, ensuring long-term performance and unequalled reliability.



□ Reduce Lifecycle Costs & Ensure the Best Return on Investment

Bound by inefficient and inflexible systems and technology, many commercial building owners and managers are finding it increasingly difficult to take control of the substantial lifecycle costs associated with operating their buildings. Additionally, many existing systems are difficult or impossible to upgrade, further contributing to higher maintenance and repair costs over the life of their buildings.

- **Adopt** a truly open platform, creating a sustainable foundation that supports and evolves with your building system's lifecycle.
- **Ensure** the longstanding performance and value of your system with a partner that is committed to industry and IT standards, and offers interchangeable components, continuous availability of compatible hardware, backwards compatibility, and best-of-breed solutions.
- **Benefit** from a flexible and scalable system that can be adapted to your tenants' changing needs or can accommodate the requirements of any new tenant.
- **Implement** a platform that uses Internet and Web-services standards, allowing you to connect with other enterprise applications such as accounting, tenant billing, and energy management and utility monitoring interfaces.

□ Drive Business Decisions & Share Your Initiatives

For building operators and facility managers, gaining an understanding of exactly where their energy dollars are going and being able to identify areas of improvement are also priorities. Additionally, growing awareness and demand means that decision makers face increased pressure to cut their building's carbon footprint.



- **Gain** improved visibility and control of your energy performance with powerful, real-time reporting and analytics easily tailored for your specific operational and functional needs.
- **Easily identify** energy and operational performance outliers and assess cost-effectiveness to take proper actions and optimize resource efficiencies with actionable analytics.
- **Establish** and track Key Performance Indicators (KPIs) at the portfolio or individual building levels.
- **Gain** proven visualization of vital building metrics for the entire building and/or for each tenant through an easy-to-use, browser-based energy management dashboard application.
- **Demonstrate** your commitment to reducing energy and operational costs and engage occupants in being better custodians of our environment by displaying your building's dashboard in kiosk mode.



EC-Net^{AX} Web-based multi-protocol building management solution provides the power to do more, with cost-effective and scalable integration of all your control, monitoring, and operational needs.



With a wide array of **HVAC control products** for both LonWorks[®] and BACnet[®], Distech Controls offers a cost-efficient solution for all your new or retrofit project needs.



Integrated room control (IRC) products offer a single, modular solution for HVAC, Lighting, and Sunblind control, providing optimal energy efficiency in office spaces.



EC-Net^{AX} EnerVue, graphics-oriented, Web-based energy management dashboard application allows you to identify and optimize resource efficiencies and sustainability, while a kiosk mode lets you demonstrate your efforts to building occupants and visitors.



Delivering the New Standard for Commercial Buildings



EC-Light lighting control system allows you to take full advantage of both energy efficient electrical lighting and daylight sensing to reduce visual strain and optimize lighting quality.



EC-Net^{AX} Security, comprehensive, easy-to-use access control and closed circuit television (CCTV) solution is built on a truly open, Web-based platform, seamlessly extending your building management system.



AllureTM EC-Smart-Vue communicating sensor integrates temperature, humidity, CO₂ and motion sensors, optimizing installation costs, while its innovative ECO-VueTM leaf pattern graphically indicates energy consumption in real time, promoting energy-conscious behavior.



Open-to-WirelessTM wireless, battery-less sensors and switches offer many benefits for commercial buildings, including adaptability to changing tenant requirements, cost and time reduction at installation, and optimized sensor placement regardless of building materials.



Innovative Solutions for Greener Buildings™

An innovation leader in energy management solutions, Distech Controls provides unique building management technologies and services that optimize energy efficiency and comfort in buildings, all the while reducing operating costs. We deliver innovative solutions for greener buildings through our passion for innovation, quality, customer satisfaction, and sustainability.

Distech Controls serves multiple market segments through its worldwide business divisions, service offices, and a superior network of Authorized Partners.



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