

# K-12 Schools

Connected Building Solutions



Open building  
automation systems  
to minimize risk and  
improve efficiency

# Is Your School Making the Grade?

At Distech Controls™, we understand that school rankings are essential to you and your constituents. Whether your school's funding is determined by attendance or by performance, and with families often even willing to relocate for a chance at a higher quality education, the pressure is on to consistently rise above the rest.

## It's Not Just About Entrusting, It's About Empowering



### Teachers

Empower teachers with the ability to manage their environment via an intuitive interface, allowing them to proactively create a more comfortable and productive learning environment throughout the day.



### Students

Provide pupils with comfortable and healthy classrooms that are controlled to optimal learning settings throughout the day, such as lighting levels and air quality.



### Board of Education

Open the door to modern infrastructure and state-of-the-art controllers that help reduce operating and energy costs, and future-proof your school.



## Open Systems: The Safest Investment for Your School's Performance

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Building systems have traditionally been proprietary and not flexible like open systems. Proprietary systems speak different languages, resulting in incomplete visibility, data, and reliability, and leave you tied to one, often expensive, service provider.

In contrast, Distech Controls' commitment to open protocols and industry IT standards, combined with our best-of-breed technology offering, create a sustainable foundation that supports and evolves with your building system's life cycle, and lets you choose from competitive prices in service providers.





Students in America miss approximately **14 million** school days per year because of asthma. More than **65%** of asthma cases could be prevented by a BMS that controls exposure to indoor environmental factors.

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# Connected Building Solutions

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## How Connected Building Solutions Help with **Attendance**

### **Health of Facilities**

By monitoring air filters, counting occupants and monitoring CO2 levels, classrooms have better air quality and filtration, meaning students miss less school for health-related issues like the flu and asthma.

## How Connected Building Solutions Help with **Performance**

### **Measuring Performance**

Performance is measured not just by energy but also by operational efficiencies, some of which will tie dissimilar systems into one operating source. Through the operations of all facilities, performance can not only be monitored but measured.

## How Connected Building Solutions Help with **Operations**

### **Efficiency Gains**

Link our building automation system with a 3<sup>rd</sup> party room (gym, common areas, etc.) booking software like Outlook via our open RESTful API so that your HVAC and lighting are scheduled based on room usage; effectively reducing wasted energy.

### **Operational Simplicity**

Simple, easy-to-use products that are intuitive and require little training so that maintenance and facility staff can quickly change set points, troubleshoot issues, or know exactly where on campus to go to make the repair quickly. Reducing the needs for outside sourcing.

### **Energy Savings**

With a BAS, you can apply sophisticated controls that go beyond scheduling temperature set points for energy reduction and cost savings.

**Classroom environment  
can affect a child's  
academic progress  
over a year by as much  
as 25%.**

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# Products

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## ECLYPSE Controller Series

Connected IP and wi-fi product series



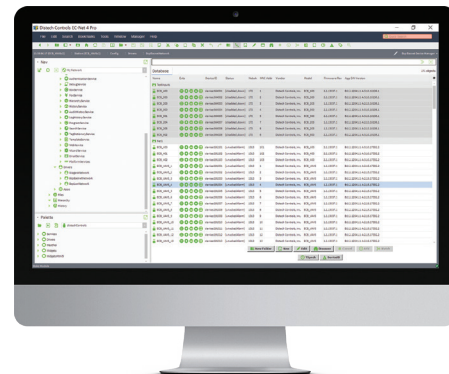
## ENVISION

Responsive, web-based graphic design and visualization interface



## Allure UNITOUCH and my PERSONIFY

State-of-the-art touchscreen user interface and mobile application



## EC-Net

Web-based multi-protocol building automation and energy management platform

# Connecting people with intelligent building solutions for better health, better spaces, better efficiencies.

Distech Controls has set the standard in the industry for innovative, cost-effective, and truly open building and energy management systems that help increase operational savings and sustainability throughout the life cycle of your facilities.

The following is a sample of schools currently making the grade with Distech Controls' solutions:

- Plainfield High School, Plainfield, IN, United States
- Clinton Graceville Beardsley **School District**, Clinton, MN & Graceville, MN, United States
- Connolly Middle School, Tempe, AZ, United States
- Fergus Falls Public **School District**, Fergus Falls, MN, United States
- Dallas Independent **School District**, Dallas, TX, United States
- Laval High School, Placentia, NL, Canada
- Southwest Army Academy, Little Heart's Ease, NL, Canada
- Collège Cerdanya, Bourg Madame, France
- Lycée de Midi Pyrénées, Hautes Pyrénées, France

And many more.

**DISTECH  
CONTROLS™**

Contact our team today to learn how our solutions can improve operations and cost savings in your facilities.

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