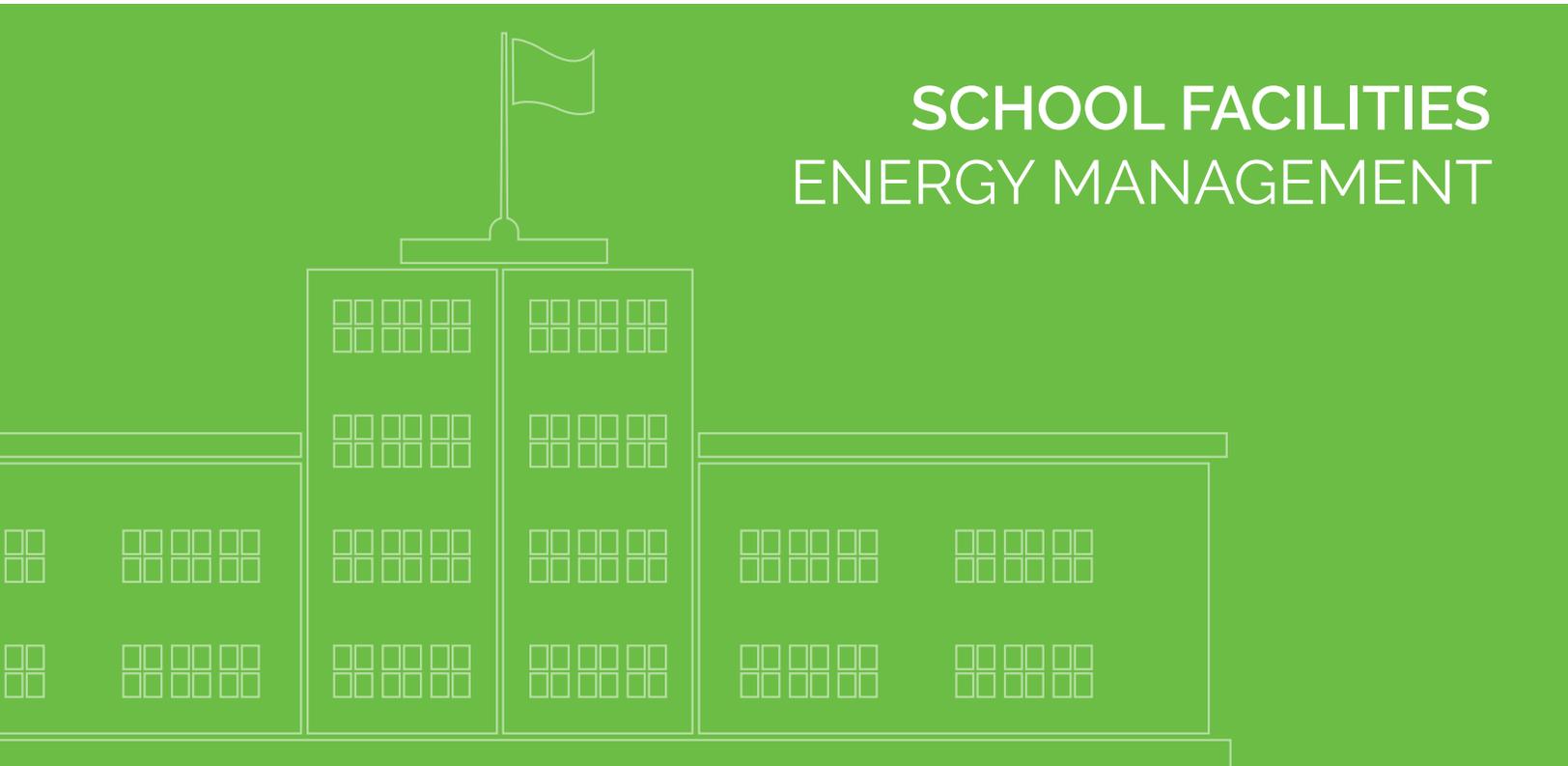




Building Automation Systems



# SCHOOL FACILITIES ENERGY MANAGEMENT



# Ubiquity Cloud

System (EMS) is an innovative, cost-effective means for school facilities staff to manage and reduce energy costs in their schools. Whether your school is one building or an entire campus, Ubiquity Cloud can give you web-based, up-to-the-minute control over your entire energy system.

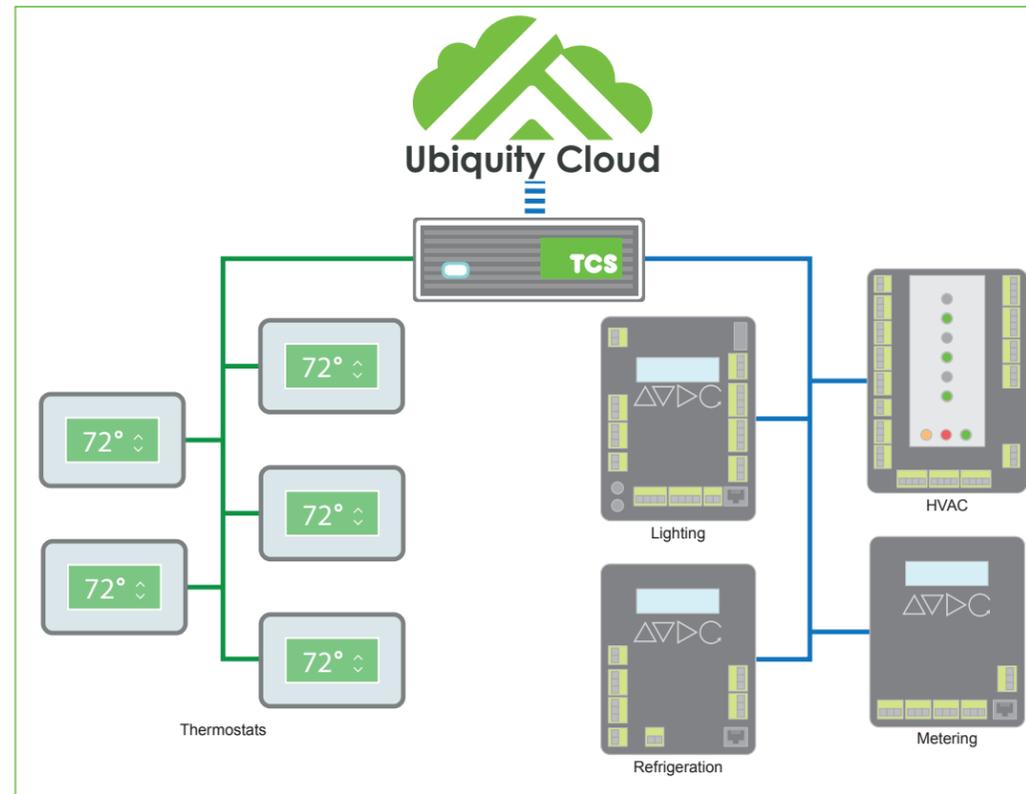
## Keep Costs Low

Advanced control logic embedded in affordable application-specific controllers keeps installation costs lower than complex DDC systems that require more labor to install and extensive engineering and programming.

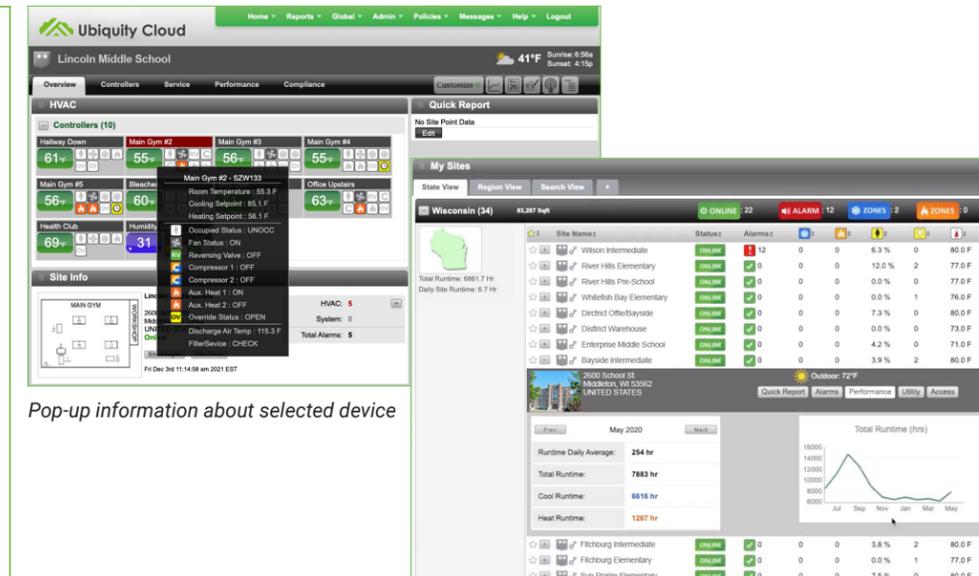
## Freedom from Contracts

Ubiquity Cloud is subscription-based and doesn't require long-term contracts – you maintain complete control of your systems, unlike other HVAC control options offered by the big vendors. There's little maintenance and it can be performed by your own staff or your preferred local service provider. You'll not only save on building operating expenses, but you'll slash the cost of that expensive controls service agreement.

The ongoing cost of maintaining the Ubiquity Cloud system is lower because the simplicity of the controls and open protocol design allow you to use any service contractor you choose. Other designs require specific and often costly skill sets, or lock you in with specific vendors.



Sample Architecture



Pop-up information about selected device

See listings of all schools in your system

importance of cyber security in the educational environment. As a result of our experience and understanding of our customers' needs, TCS has implemented a unique approach which combines industry standard network security protocols with our proprietary encrypted polling and firewall protection.

*As a contractor, we use UbiquiSTATS and Ubiquity Cloud in our schools, and this has proven a reliable and time-saving solution for us. I would recommend it to any school.*

**Woody Seemann**  
Project Manager  
H.A. Thompson & Sons, Inc.

## Scales as you grow

As your district grows and you upgrade or replace aging buildings, it's easy to incorporate a new building into your existing Ubiquity Cloud enterprise. Adding controllers and sensors is simple and requires no additional software configuration.

*Using Ubiquity Cloud and TCS controls, Trinity Catholic High School was able to achieve a 22% reduction in total electrical cost. This was achieved via an 8% reduction in total electrical usage and a 35% reduction in peak cost.*

**Thomas Guertler**  
Director of Operations  
Trinity Catholic High School

## No Need for Multiple EMS Systems

Ubiquity Cloud is a single platform with controllers for any HVAC, lighting or refrigeration application typically found in school buildings and campus environments. Whether your district has hot water and steam systems, chilled water, heat pumps, packaged RTUs, zoning or VAVs, Ubiquity Cloud brings all of these systems together in a single, easy-to-manage interface.

## Serious About Security

TCS has worked with educational facilities of all sizes for many years. We understand the critical



Use Ubiquity to manage school lighting schedules

## Intuitive User Interface

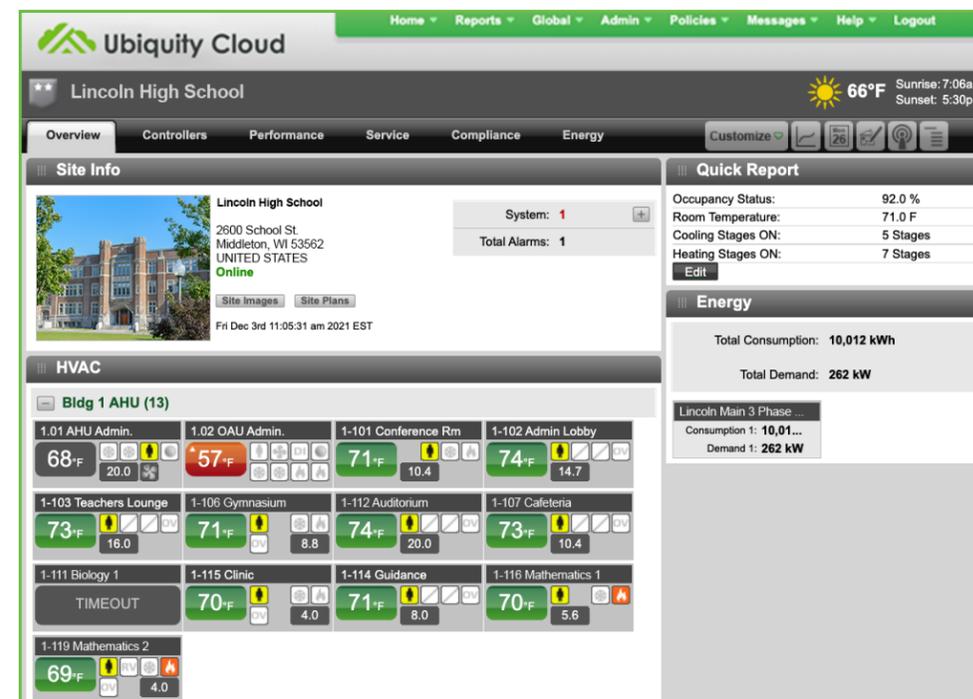
Access and control any building, classroom or zoned space within your district. Dynamic color-coded icons indicate operations within normal range by displaying a green icon. Red and blue indicate the zone is either too warm or too cool based on the programmed setpoint.

*We have been using Ubiquity Cloud for the past 14 years and are very pleased with the reliability, simplicity, and customer service we have received over the years. I highly recommend it to other schools and facilities that are looking for ways to increase savings on energy bills.*

**George Kunsman**  
Energy Specialist and Consultant – Fort Gibson Schools Energy Coordinator



Monitor refrigeration systems to ensure fresh ingredients for in-school meals

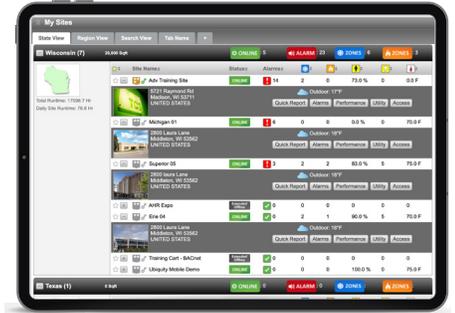


Ubiquity Cloud features a customizable interface



# Ubiquity Cloud

Access Ubiquity Cloud From Any Device: Anywhere, Anytime



## The "Control Everywhere" EMS

Ubiquity Cloud allows you to monitor and manage all HVAC, lighting and refrigeration in each building. And from that same interface, access and control your entire campus of buildings – across town or across the state.

## The "Easy to Use" EMS

94% of Ubiquity Cloud users agree that its intuitive interface is easy to use.

## The "Low Cost to Operate" EMS

- Advanced control logic of HVAC Systems
- Simple servicing of controls
- Cut maintenance expenses of refrigeration systems
- Controls for each specific application
- Avoid complex Direct Digital Control programming
- Hire the service contractor of choice

TCS has manufactured communicating HVAC controls for more than three decades. We introduced the industry's first cloud-based, enterprise Energy Management Software (EMS) platform – Ubiquity Cloud. Today, thousands of schools, churches, retail brands and multi-site commercial businesses save energy and streamline operations with Ubiquity Cloud. Along with our experienced technical support and installation service teams, TCS offers a complete range of hardware, software, and services to benefit any educational or campus environment.

Check us out on YouTube



To learn more or schedule a web demo of Ubiquity Cloud, visit:  
<https://tcsbasys.com/ubiquity-cloud-platform>