



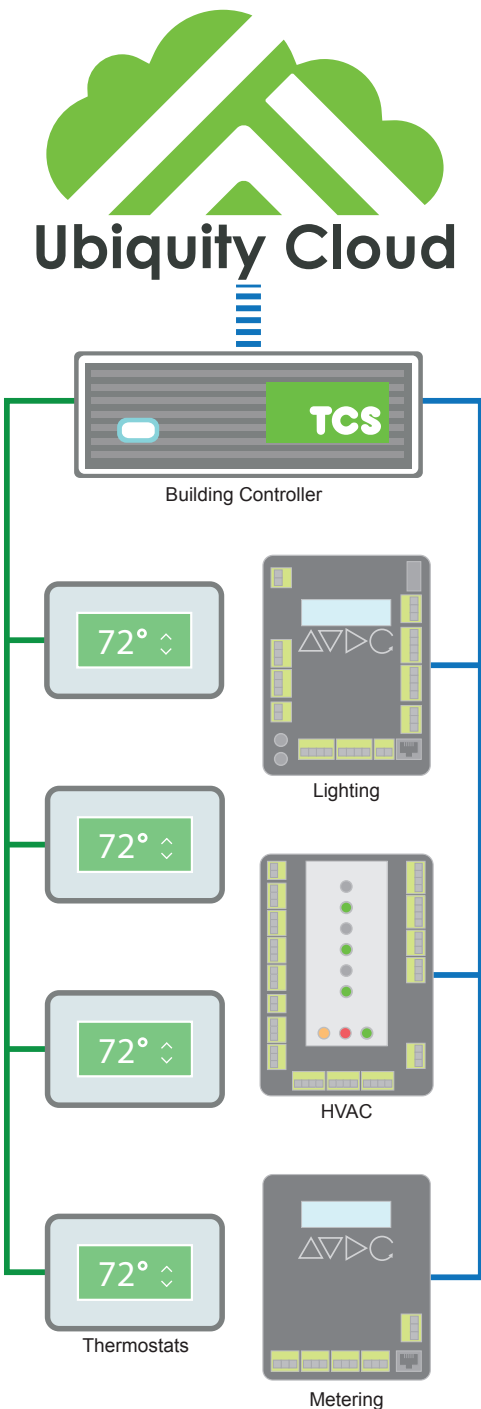
**TCS**

Building Automation Systems

## RETAIL ENERGY MANAGEMENT







As retail industry store managers and executives contend with inflation and changing economic and labor market conditions, the value of reducing energy and operational costs is becoming increasingly evident. More and more, retail stakeholders are turning to energy management systems (EMS) to help maintain margins and keep labor costs down.

The Ubiquity Cloud EMS is an intuitive, cost-effective means for retail facilities staff and onsite managers to maintain a premium shopping experience while reducing energy costs. Whether you own a single location or a large retail portfolio, Ubiquity Cloud can provide you with web-based, up-to-the-minute monitoring and control over every building in your enterprise.

Energy use and related maintenance and operational expenses consume a greater part of a retail store's budget than ever before. While once dismissed as simply a fixed cost, energy expenses in fact represent a huge potential for savvy facilities pros to save significant money. Deploying an EMS can not only reduce energy costs – which directly impact the store's bottom line – it can also increase customer comfort and actually help protect employees.

The TCS “Genius of Simple” approach utilizes advanced control logic embedded in affordable application-

specific controllers, which keep installation costs lower than complex systems requiring more labor, engineering, and programming.

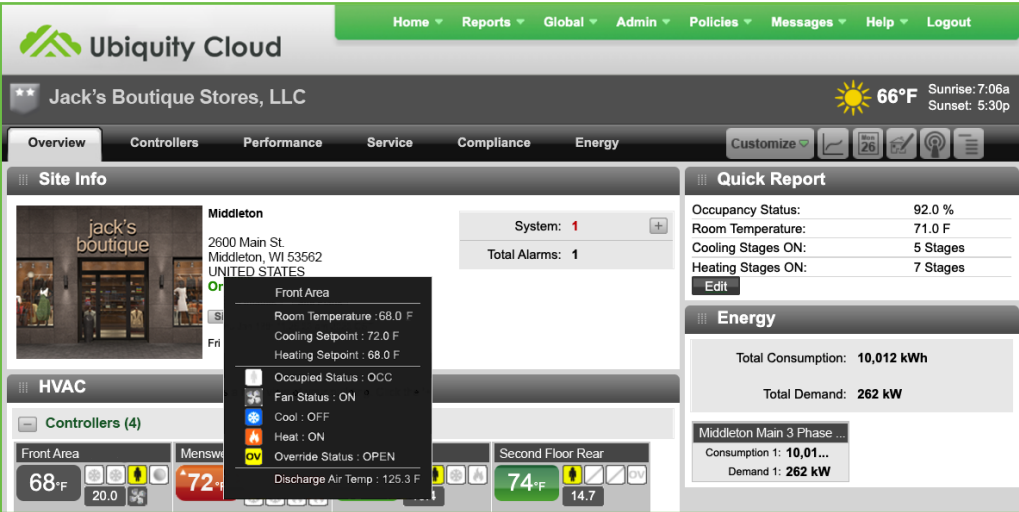
**Energy Management and Staffing**

In retail, employee turnover has always been a major issue – and today it can be difficult just to hire enough employees to meet minimum staffing requirements. Here, Ubiquity Cloud helps in two ways. First, the platform automates many actions that lock in savings: applying schedules to AC units and lighting channels (often left on overnight), and enabling a simple system-override switch for the nightly cleaning crew.

Second, the platform makes managing one or more locations simple and easy to learn, even if you've never used an energy management system before. A newly hired manager can easily access the system via their computer, tablet, or smartphone, and maintain the store's comfort and efficiency.



Every retail establishment can benefit from an effective EMS



View pop-up information for selected devices in real time

**Data Mining for Cost Savings**

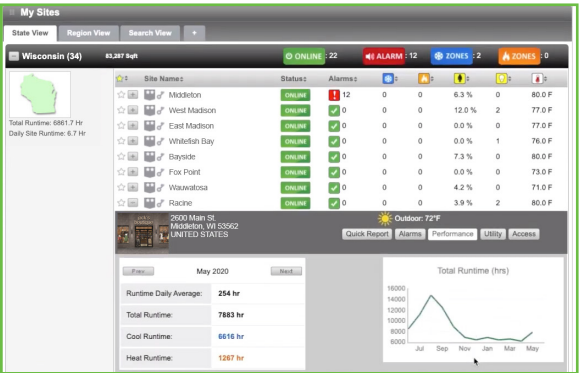
In addition to monitoring real-time data, Ubiquity Cloud can quickly graph historical point data to provide context and insight into where your energy dollars go. Armed with this information, you can pinpoint energy drains and optimize your overall energy spend at a single location or the entire fleet.

**Designed to Scale as you Grow**

While Ubiquity Cloud is extremely practical for single-site shops and offices, the platform was built from the ground up to manage multiple locations. So as your portfolio of locations grows, it's easy to incorporate new locations into your existing Ubiquity Cloud enterprise. Organize stores by region and establish user groups and access permissions. Access each store and control all HVAC equipment and lighting from Ubiquity Cloud, using a laptop, tablet or your smartphone – anytime, from anywhere.



Adjust your building's environmental needs to suit peak occupancy periods



See listings and statuses of all store locations at a glance



**Are you using an Optimal Start or Morning Start-Up Routine?**

The time-adjustable “Smart Recovery” function in Ubiquity Cloud engages the HVAC system to add or remove heat to the building in order to reach the building's occupied temperature setpoint range at the beginning of the occupied period. This setting reduces excess equipment runtime and optimizes daily start times.



**Energy Management as Part of a Long-Term Strategy**

Studies have shown that 87% of retail establishments don't have an energy management system. Yet an EMS strategy is one of the quickest, simplest ways to save money while improving a store's environment/experience.

Whether your EMS applies to a small shop or several large, multi-system buildings, Ubiquity Cloud is a proven solution for meaningful, long-term energy savings in a retail setting.



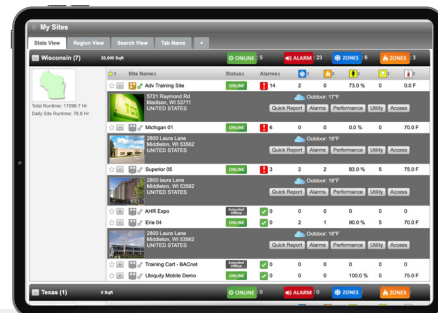
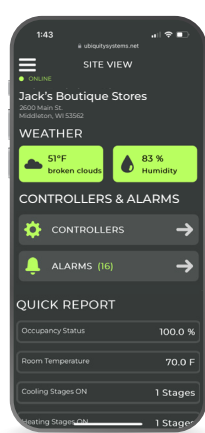
Ubiquity Cloud features a customizable interface





# 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>



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2800 Laura Lane • Middleton, WI 53562 | 800.288.9383 | [www.tcsbasys.com](http://www.tcsbasys.com)