TCS The Genius of Simple™

RESTAURANT
ENERGY MANAGEMENT

Ubiquity Cloud™
TCS — The Genius of Simple

In the fast-paced, constantly evolving world of commercial foodservice, recent inflation and staffing issues have put increasing pressure on restaurant owners and managers to deliver a high-quality dining experience while still ensuring profitable operations.

Energy use and related maintenance and operational expenses consume a significant part of a restaurant's budget. While sometimes dismissed as simply a fixed cost, energy expenses in-fact represent a huge potential for savvy foodservices pros to save significant money. Deploying the right energy management system (EMS) can not only reduce energy costs – which directly impact the restaurant's bottom line – but can also increase customer comfort and actually help protect employees.

The Ubiquity Cloud EMS is an intuitive, cost-effective means for foodservice facilities staff and onsite managers to maintain comfort and reduce energy costs. Whether you own a single restaurant or a large multi-brand franchise group, Ubiquity Cloud provides web-based, up-to-the-minute control over your entire business portfolio.

Advanced control logic embedded in affordable application-specific controllers keeps installation costs lower than complex systems requiring more labor, engineering, and programming.

Energy Management and Staffing

In the restaurant industry, turnover can be a major issue. Here Ubiquity Cloud helps in two ways. First, the platform automates many actions that lock in savings: applying schedules to hoods, fans, and lighting channels (items often left on overnight), alarming cooler doors to prevent spoilage, and enabling a system-override switch for the overnight cleaning crew.

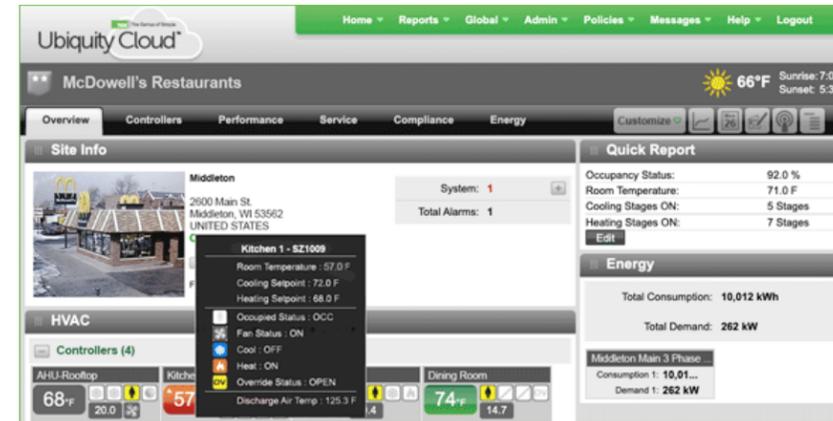Second, the platform makes managing one or more locations simple and easy to learn, even if you've never used an energy management system before. A newly hired manager can easily access the system via their computer, tablet, or smartphone, and maintain the restaurant's comfort and efficiency.

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 are going. Armed with this information, you can pinpoint energy drains and optimize your overall energy expenditure.

Designed to Scale

While Ubiquity Cloud is extremely practical for single-site restaurants, the platform was built from the ground up to manage multiple locations. So as your restaurant portfolio 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 on your smartphone.
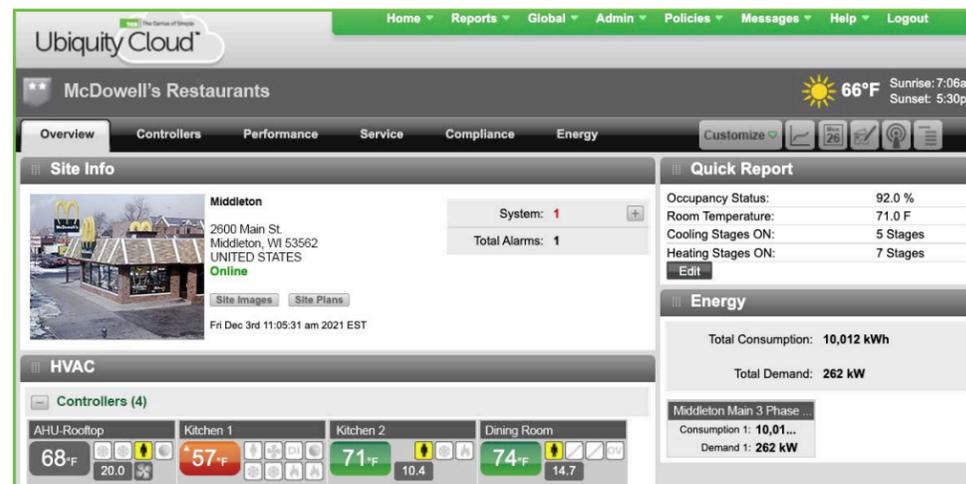

Pop-up information about selected device

See listings of all restaurants in your portfolio

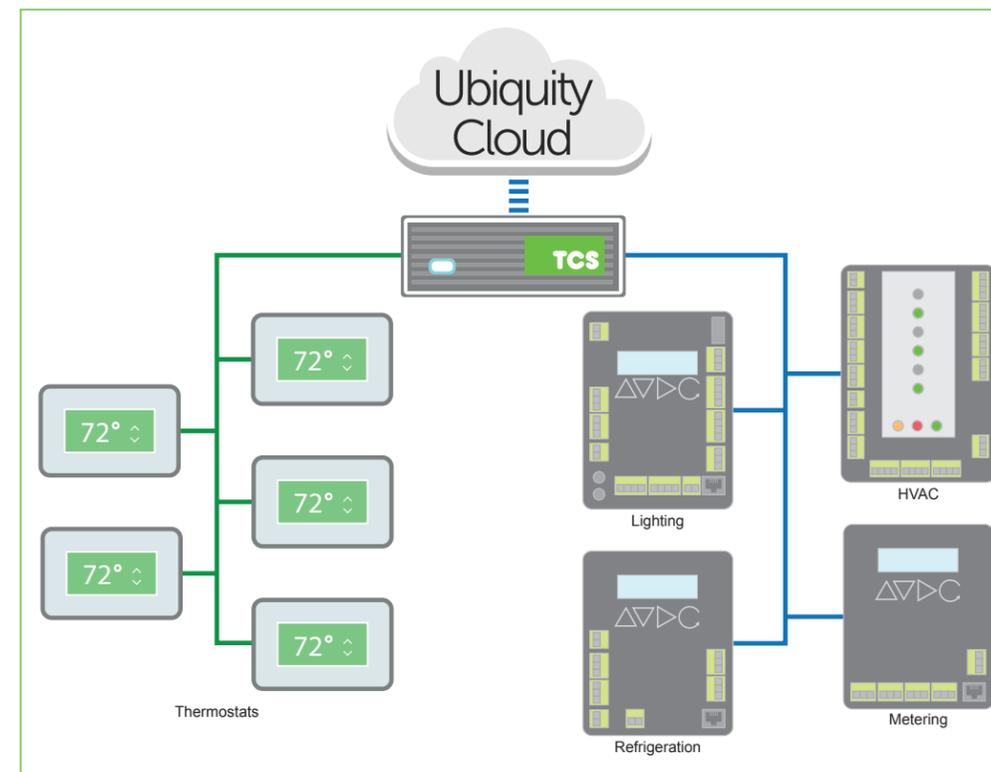### Are Your Coolers and Freezers Equipped With Alarms?
Early detection of restaurant equipment failures or operator errors (such as leaving a freezer door open all night) can save hours of downtime and thousands of dollars in repair and replacement costs. With Ubiquity Cloud, you can monitor your walk-in coolers and freezers in real time.

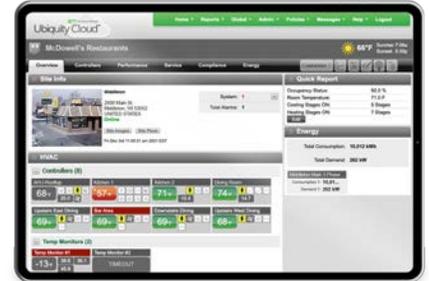*Use Ubiquity Cloud to manage kitchen lighting schedules*

Energy Costs are a Huge Drain on Restaurants
Restaurants use up to 10 times the energy per square foot as other commercial businesses. On average, HVAC units consume 55% of restaurant energy usage. Refrigeration costs alone can account for as much as 6% of total energy costs.

Ubiquity Cloud features a customizeable interface

Sample Architecture

Monitor refrigeration systems to ensure fresh ingredients

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 portfolio of buildings — across town or across the country.

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, restaurants, 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.

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To learn more or schedule a web demo of Ubiquity Cloud, visit:
www.tcsbasys.com/demo