

# FSG Smart Buildings and Circle K:

## A Strategic Partnership Driving Energy Efficiency/Operational Excellence



### About Us

With over 25 years of experience, **FSG Smart Buildings** is a leading provider of innovative building automation, energy management, and smart building solutions.

We empower companies to achieve their sustainability goals through advanced building automation systems and services. Our solutions provide secure, remote control and visibility, with reliable data capture and minimal downtime. Additionally, we offer turnkey services including design, installation, account management, service, support and detailed reporting to help clients maximize the value of their investments.

Since 2009, **FSG Smart Buildings** and **Circle K** have maintained a long-term strategic partnership aimed at optimizing energy consumption and enhancing operational visibility across Circle K's vast retail footprint in the U.S. and Canada.

Serving as a trusted partner to Circle K, FSG Smart Buildings continues to deliver innovation on a scale across North America. With a shared commitment to energy performance, cost control, and operational resilience, this partnership stands as a model for how smart building technology can transform retail environments.

For over a decade FSG has deployed its smart building technologies using Lynxspring's **JENEsys Edge®** Niagara-native portfolio of controllers at over **7,500 sites**, delivering measurable results in energy savings, equipment reliability, and centralized control.







### **7,500+ LOCATIONS**

Locations modernized with smart building technologies.



### **EFFICIENT ENERGY MANAGEMENT**

Reduced energy waste through intelligent scheduling and load management.



### **IMPROVED UPTIME**

Reduced service calls through proactive monitoring.



### **ACTIONABLE INSIGHTS**

Validated energy strategies prior to enterprise-scale rollouts.

# PROJECT

## **Energy Efficiency & Cost Savings**

- HVAC control systems deployed to monitor performance, optimize run times, and reduce maintenance costs.
- On-demand refrigeration defrosting replaced fixed schedules and reduced unnecessary compressor use in walk-in, beer cave, and reach-in models.
- Centralized exterior lighting controls replaced outdated time keeping clocks, ensuring lights operate only when needed—eliminating waste and reducing failure rates.
- Sub-metering across HVAC and lighting systems enabled real-time measurement and verification, supporting data-driven energy strategies.

## **Operational Visibility & Remote Management**

- Cloud-based platforms provided Circle K with remote insight and control of HVAC, lighting, and refrigeration systems across thousands of locations.
- Car wash monitoring controls—including door position and heater status—prevented freeze-related damage and ensured optimal performance.

## **Asset Protection & Risk Mitigation**

- Monitoring systems for temperature-sensitive and mechanical equipment help safeguard critical assets from failure, freezing, or misuse.
- Use of thermostats, sensors, and door monitors ensures precise environmental control, particularly in high-risk areas like car washes and refrigerated zones.

**Learn More**

[www.fsgsmartbuildings.com](http://www.fsgsmartbuildings.com)

