



## CIRCLE K

Nationwide Locations

### RETAIL CASE STUDY

FSG Provides Seamless Remote Control and Monitoring of Key Store Energy and Performance Variables for Circle K

**Owner**

Circle K

**Contract Type**

Retail

**Contract Amount**

\$13,000,000.00

**Electrical Contractor**

FSG

### CHALLENGE

Reducing energy consumption and energy expense is a priority for businesses. But what if your business needs energy for lights, climate control, computers, walk-in refrigerators, reach-in coolers, ice machines, and soda fountains? Now, expand that complexity across 8,000 locations, and set a goal of reducing energy consumption at each location by 3%. That's the challenge Circle K was facing when it reached out to FSG's Smart Buildings Division for help with a nationwide rollout of an Energy Management System (EMS) to help the convenience store chain more effectively manage its facility energy costs.

### SOLUTION

To meet Circle K's needs, FSG Smart Buildings deployed our Clarity EMS platform along with training from FSG's Smart Buildings Customer Support Center to back up local installation teams and Circle K personnel. The Clarity system seamlessly integrated with legacy lighting and HVAC systems and provided control and monitoring functionality. With FSG Smart Buildings' turnkey solutions, Circle K saw energy usage drop by an average of 3% for their US portfolio. Additionally, FSG Smart Buildings' Customer Support Center helped remotely maintain equipment and systems within client-specified parameters at each store.

### RESULT

FSG's Clarity EMS allowed Circle K to meet its energy reduction goals and improve its equipment maintenance performance across thousands of stores. Energy savings were just the first benefit, however, as enhanced reporting and monitoring provided by FSG Smart Buildings Customer Support Center allowed Circle K to reduce the number of required maintenance "truck rolls", a positive benefit they had not initially anticipated. In the end, FSG Smart Buildings helped Circle K meet its energy-saving goals while going the extra mile and delivering bonus operational savings.

