

Turnkey Commercial Lighting Controls Solutions

Strengthen your energy savings effort with a smart lighting controls system that replaces traditional manual switches with intelligent sensors and controls.



A lighting controls system custom-built to your specifications.

FSG is capable of managing your lighting controls project from start to finish. From auditing your site and designing your system to installing and commissioning the equipment that will bring the design to life - we own the entire process, allowing you to focus on running your business. Build your solution with the following types of lighting controls:

- ✓ On/off control
- ✓ Zone control
- ✓ Dimming control
- ✓ Daylight harvesting
- ✓ Scene control
- ✓ Time scheduling
- ✓ Occupancy sensing
- ✓ And more



Energy Savings

Stop paying for lighting in unoccupied rooms. Drive demand response efforts and save money in the process.



Convenience

Whether controlling multiple lights from a single switch or a web-based application, take charge of your lighting how you see fit.



Safety

Make sure the right lights are on at the right time. Whether exterior or exit path lighting, having remote access and control is critical.



Aesthetics

Reduce the clutter in your buildings with an upgraded wall station and control your lights from any cloud-connected device.

Best in Class Hardware

FSG is able to provide world-class, turnkey lighting controls services with competitive pricing due to strong partnerships and vendor relationships forged over years of cooperation. Trusted hardware vendors include, but are not limited to:



Types of Lighting Controls Solutions

FSG Smart Buildings is able to handle any type of lighting controls system architecture. Whether you need control at the main panel or something as finite as fixture-level control, FSG can design and deploy solutions to your exact specifications.

Panel-Based Control

- Control all lighting in a large area with a single schedule or sensor
- Wired at the main panel circuit

Zone Control

- Each defined zone has its own controller
- Can be wired or wireless
- Panel feeds controller which feed fixtures in each zone

Fixture Based Control

- Wireless nodes installed at each fixture
- Each fixture has a mini sensor
- Usually software based

PoE (Power over Ethernet)

- Lighting connected by ethernet cables for low voltage power and data transmission



A Smart Platform for Smart Lighting

Designed with multi-site businesses in mind, Chariot provides a friendly and adaptive UI from which you can monitor and control your lighting alongside your other energy management and automation systems. Capable of tying together many mixed and legacy systems, Chariot can also monitor the energy usage of your lighting and other types of fixtures.

If corporate compliance mandates that you use a specific hardware, FSG can install and commission your lighting controls system on the UI of your choice.

