



# Clark Contractors, Inc.

## INTRODUCTION

For more than 60 years, Clark Contractors, headquartered in Bedford, Pennsylvania, has been a leading commercial and industrial contractor with an aptitude for providing innovative and cost-effective solutions to their clients.

**"WE NEEDED A DESIGN THAT FOCUSED ON ERGONOMIC LIGHTING, AND CRESTRON PROVIDED US WITH A SYSTEM THAT ALLOWS OUR EMPLOYEES TO WORK COMFORTABLY THROUGHOUT THE DAY."**

**Clifton Clark**  
*President,  
Clark Contractors, Inc*





## THE CHALLENGE

Through his research, Clifton Clark, President at Clark Contractors, learned how ergonomic lighting can affect peoples' alertness and posture throughout the day. So he set out to improve employee concentration and creativity by upgrading the lighting system to deliver a healthy circadian stimulus.

## THE SOLUTION

Clifton chose to work with LaFace & McGovern Field Service Technicians to create this updated workspace. To improve mood, ambiance, and safety at the Clark Contractors office, as well as provide optimal luminosity, they installed Crestron lighting control and occupancy sensors with strategically located color temperature tuning fixtures throughout the office.

**"WITH A CRESTRON INTEGRATED LIGHTING SYSTEM, OUR EMPLOYEES ARE ABLE TO FOCUS ON THE TASK AT HAND WITHOUT ANY ENVIRONMENTAL DISTRACTIONS."**

**Clifton Clark**  
*President,  
Clark Contractors, Inc*

## THE TECHNOLOGY

The project team employed a combination of traditional and innovative control technologies. Crestron Dual-Technology Occupancy Sensors turn on the lighting fixtures the moment someone enters the building. When the space is unoccupied, the system automatically powers down the lighting, making the office more environmentally friendly and energy efficient, and ensuring no lights are left on overnight or during the weekend.

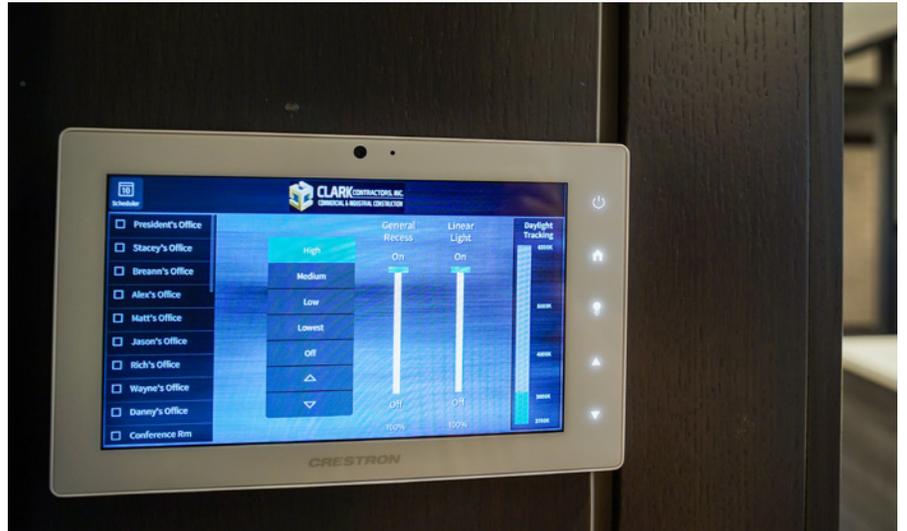
Beyond simply turning the lights on and off, the Crestron lighting system also adjusts the lighting intensity and color temperature, tuning levels automatically throughout the day. Crestron SolarSync™ Outdoor Daylight and Color Temperature Sensors measure the natural lighting levels outside and adjust the intensity of the DALI® protocol based indoor lighting fixtures accordingly, thereby providing revolutionary circadian lighting control.

Clark Contractors employees can also adjust the Crestron motorized shades and HVAC systems of the various rooms and offices using Crestron thermostats, Cameo® keypads, and Crestron touch screens (both wired and wireless) to customize workspaces to their own preferences.

For enhanced access to the system, LaFace & McGovern created a custom configuration that allows control to be performed remotely via a VPN connection and the Crestron app.

**"CRESTRON SOLARSYNC SENSORS HAVE TRANSFORMED OUR OFFICE BY CREATING AN AUTOMATED ENVIRONMENT THAT IS HEALTHIER AND MORE PRODUCTIVE FOR OUR EMPLOYEES."**

**Clifton Clark**  
*President,  
Clark Contractors, Inc*





## RESULTS

With a Crestron-powered workspace, Clark Contractors now provides an office environment that helps sustain optimal energy and focus levels. The staff have noticed the improvement.

"Our employees have been extremely impressed with how well everything works," explains Clark. "From start to finish, from the installation to the day-to-day use of the system, our experience with Crestron has been seamless."

### Featured Products

**Crestron SolarSync™ Outdoor Daylight and Color Temperature Sensor**  
GLS-LCCT

**Zūm® Lighting Control Processor Panel,**  
GLNET-ZUM-CN

**DIN Rail 3-Series® Automation Processor**  
DIN-AP3

**7 in. Touch Screen**  
TSW-760

**Cameo® Keypad**  
C2N-CBD-P

**Dual-Technology Occupancy Sensor with Cresnet® networking**  
GLS-ODT-C-CN

**Crestron Green Light® Photosensor, Open-Loop**  
GLS-LOL

**Enclosure for DIN Rail Devices, 3 DIN Rails, 18 M Wide**  
DIN-EN-3X18

**DIN Rail 2-Channel DALI® Interface**  
DIN-DALI-2

**5-Port PoE Switch**  
CEN-SW-POE-5

**Crestron shading**

**Heating, Cooling and Relative Humidity Thermostat**  
CHV-THSTAT

**Crestron® App**