

# Steinel America Case Study

# Digital Control Solution Easy to install. Easy to program.



**Project:** Northeast Retrofit

**Location:** Vienna, VA

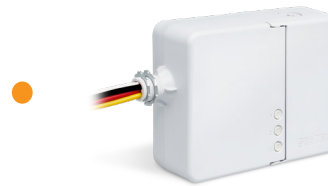
**Year:** 2020

**Challenge:** Bring retrofit up to code compliance and include the features of daylight harvesting and time control

**Solution:** Install DCS™ in first Retrofit

- Key Benefits:**
- Daylight harvesting function
  - Vacancy and occupancy sensors
  - Time control function for specific spaces
  - Flexibility in setup

- Products Used:**
- 33 DCS Digital Controllers
  - 12 DS1 DCS Wall Switches
  - 59 DT Quattro DCS Sensor
  - 8 US Hallway DCS Sensor
  - 4 US Oneway DCS Sensor
  - 10 Photocell DCS
  - 4 IR WLS 1-W Sensors
  - 43 W Momentary Contact Switches
  - 3 B Momentary Contact Switches
  - 30 4 Zone Switch Coupler
  - 9 B Single Pole Double Throw Rocker



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## Challenge:

A company in Vienna, VA needed to renovate an existing environment to bring it up to code and transform the space to make it work for their open offices. In doing so, this project presented challenges, highlighting the need for different technology in sensors that could be programmed and specified to their lighting needs.

## Solution:

The Steinel DCS™ gave this retrofit project the flexibility and functionality to maximum energy efficiency in the office's open design concept. By creating a code compliant environment using our digital controller and digital vacancy and occupancy sensors, the open space and corridors perform to peak precision thanks to the DCS time control and daylight harvesting features.

*"The Steinel DCS controllers, sensors and switches all worked as advertised. The Steinel Sales Manager, Shawn was a huge help throughout the entire process. Shawn was always available via phone/email, and came out for a pre-wiring walk through to ensure all questions and concerns were addressed up front. Final commissioning was a breeze, and the whole floor was programmed in less than two days."*

Brent Stock  
Chief Estimator  
RTL Electric Company Inc.

## Key Benefits:

- Daylight harvesting function
- Vacancy and occupancy sensors
- Time control function
- Flexibility in setup
- IECC 2018 Code Compliant
- Easy and fast commissioning
- Use of 18/2 data lines to all individually addressable components

