

GreenMAX® Relay Panels, Occupancy Sensors

U.S. Land Port of Entry
gets a new sustainable
and energy-efficient
building and a new bridge.

The Challenge

A 65-year old port of entry building in Maine was overdue for expansion and upgrades. The building lacked office and inspection space and did not meet Customs and Border Protection's continually evolving needs.

The Installation

The U.S. General Services Administration worked with electrical contractors in Maine and Massachusetts to install GreenMAX Relay Panels and Leviton standalone sensors and photocells to control lights in the facility while meeting 2015 IECC and ASHRAE 90.1-2013 energy codes.

The Solution

U.S. port of entries operate on a 24/7 schedule with the buildings hosting a variety of administrative, training, support and processing staff and include inspection areas and training areas. The building had to meet staff demand requirements while maintaining energy savings and efficiency and meeting energy codes.

The facility was required to be sustainable, energy efficient, and a U.S. Green Building Council (USGBC) LEED Gold & SITES Silver certified facility.

GreenMAX Relay Panels and ODCOP photocells were installed to provide daylighting controls in open spaces and override the lighting in main area of the building.



Advanced occupancy/ vacancy and daylighting controls for government applications.

Line Voltage Ceiling Mount Sensors (OSC20-RMW) and Leviton super duty power packs (OPP20-D2) were installed in individual offices and conference rooms to ensure the lights were ON when the space was occupied and OFF when it was vacant.

The products were chosen for their ability to meet simple occupancy/vacancy applications and daylighting controls while meeting energy codes.

GreenMAX Relay Panels

This centralized lighting control powerhouse features dimming, partial-ON, partial-OFF, advanced scheduling, demand response, and daylight harvesting capabilities.

Line Voltage Ceiling Mount Sensors

The Leviton OSCxx-RMW sensors combine the benefits of both Passive Infrared (PIR) and Ultrasonic (U/S) technologies for unrivaled performance and reliability.



Super Duty Power Packs

The OPP20-D2 Super Duty Power Pack delivers exclusive patented self-detect configurable local switch inputs and is configurable for auto-ON and manual-ON occupancy sensor inputs.

ODCOP-W Photocell

Leviton ODCOP-W indoor photocells are used to precisely monitor either task or ambient light levels and automatically adjust light levels to a user defined level.

GreenMAX Relay Panels, Leviton Line Voltage Ceiling Mount Sensors, and photocells can be used to meet IECC, ASHRAE 90.1, and 2022 Title 24, Part 6 occupancy/vacancy sensing and dimming requirements.

Leviton offers spec-ready lighting and control solutions and energy savings for government building applications.