



Spotlight

Douglas Upgrades Lighting System at University of Victoria's McPherson Library

54-year-old library now enjoys enhanced lighting and remote control

The University of Victoria serves 20,000 students in the capital city of British Columbia. The university's McPherson Library was built in 1964 and is a key component of the William C. Mearns Learning Centre built in 2008.

In February 2017, the library underwent a complete upgrade of its lighting control system. Prior to the upgrade, the building was using three different lighting solutions: one-third was controlled by line voltage contactors and line voltage switches; one-third was controlled by relays with hard-wired

switches; and one-third was controlled by a Douglas centralized system installed in the early 2000s.

“Everyone in our department was very satisfied with the Douglas upgrade at McPherson Library.”

David J. Perry, Director of Project Management Services, University of Victoria

The university wanted the ability to use time-scheduled control (for after-hours) and remote control from a central point on campus. They also wanted a lighting system that could easily add features like daylight harvesting in the future.

For the library upgrade, AES Engineering specified a Douglas Lighting Controls Dialog Centralized system. The scalability of the Dialog system allowed for the

In Brief

Project:
Lighting upgrades at the University of Victoria's McPherson Library

Location:
Victoria, British Columbia

- Products Used:**
- 3 Dialog® WLC-3150 Lighting Control Units
 - 385 WR-6161 relays
 - 172 Dialog WSW Series wall stations
 - 25 custom-built back pans

- Features & Benefits:**
- Complete lighting control system—factory-configured, programmed and tested for each project
 - Digital programmable wall switches with LED status indicators
 - The most reliable relays on the market, ideal for all types of loads



The Learning Commons on the main floor of the library



management of the entire system from a centralized point. Also, the low voltage, non-polarized, topology-free power and data network, based on 18/2 wire, made for the easy addition of over 150 wall station switches.

With about 90 percent of the project involving stripping the existing panels of their components and preparing them for the mounting of the custom back pans, the in-house manufacturing at Douglas built 25 custom relay back pans to fit into the previous systems enclosures, allowing for an easy path for upgrades.

“Douglas products are installed in the majority of our buildings on campus—and many of our buildings already have been upgraded to Dialog,” says David J. Perry, University of Victoria’s director of project management services. “Everyone in our department was very satisfied

with the Douglas upgrade at McPherson Library.”

Douglas Lighting Controls prides itself on the ability to upgrade older lighting controls systems. Even if the systems are from other manufacturers, in many cases Douglas can be an easy solution to upgrading the system because of their custom manufacturing capabilities and their simple network wiring.



Douglas Lighting Controls

Douglas Lighting Controls, a member of the Panasonic group, engineers, manufactures, and markets digital lighting controls for commercial buildings, campuses, parking garages, and sports complexes across North America. Douglas systems include networked and stand-alone solutions using wired and wireless technology to optimize lighting for building code compliance, energy efficiency, ease-of-use, and comfort. With over 50 years of experience, the company is recognized for its expertise in lighting control systems.

Want to know more?

Visit the Douglas Lighting Controls website, www.douglaslightingcontrols.com.

DOUGLAS
LIGHTING CONTROLS

3605 Gilmore Way, Suite 280
Burnaby, BC V5G 4X5, Canada

877-873-2797

www.douglaslightingcontrols.com