

taking control of lighting



Metrotown Towers stand tall with a lighting control system for its office towers and mega shopping mall
GE's modular LightSweep™ platform fits the bill for energy savings and adaptability

THE SITUATION

The Metrotown Properties management team sought to upgrade lighting controls of its 2.7 million-square-ft. office and retail complex. GE's lighting solutions are used in Metrotower I, II and III, as well as the shopping centre, Metropolis at Metrotown. However, Metrotown officials wanted a scalable system offering the latest capabilities that could adapt to changing demands of the towers and its tenants for years to come.

THE SOLUTION

GE's LightSweep™ lighting control system brought a common interface and network platform to British Columbia's award-winning, mixed-use complex. The lighting control system delivered essential low-cost functionality for implementing basic energy-reduction schemes at Metrotown Properties, such as simple switching and "on/off" scheduling that can be customized by zone or time of day.

LightSweep also contains features such as occupancy sensing, daylight harvesting and the ability of direct integration into a building automation system.

Now, more than 100 LightSweep control panels bring operational consistency to the Metrotower Office Complex and shopping centre, while simplifying management of the massive lighting load.

"The ability to control and monitor the property from one location was a criterion that was foremost in making our decision. It is very user friendly and provides our mechanics the ability to manage the facility seamlessly."

- Doug Muirhead, Mechanical Supervisor, Metrotown Properties

The future is bright for Metrotown Office Complex and Metropolis at Metrotown. Thanks to intelligent, automated lighting controls from GE, the future will cost a little less, too.

For more information about the GE Lighting products used in this project, visit gelighting.com.



OPERATING IMPACT

- Simplified lighting management
- Operational consistency and clarity



ENVIRONMENTAL IMPACT

- Energy reduction due to daylight harvesting and occupancy-sensing capabilities



imagination at work