

METROPOLIS AT METROTOWN

VANCOUVER, BC, CANADA

RETAIL

METROPOLITAN CONTROL

Metropolis at Metrotown is the largest shopping mall in British Columbia, and the second largest in Canada. In addition to an entertainment complex and direct Skytrain access, the Metrotown complex consists of 470 stores under one roof, over one million square feet of covered parking, and two 30-storey office towers. Over 18 million annual guests visit the Metropolis at Metrotown complex.

PROJECT DETAILS

The Reliable Controls® MACH-System installed at Metrotown controls the HVAC in twin 30-storey office towers, exhaust systems for a one million square foot parkade, controls for four boiler plants and six chiller plants, and dozens of rooftop units serving the mall, walkways, and administration areas. The tenant retail spaces are heated and cooled with fan coils in each tenant space. A BACnet® connection is employed to communicate with three McQuay chillers and eight Rooftop Units.

The Reliable Controls® MACH-System installed at Metrotown is monitored and controlled from eight onsite operator workstations that run RC-Studio® 2.0. Remote browser access using RC-WebView™ 2.0 provides robust and secure thin-client communications to the Metrotown environment.

To learn more about projects using Reliable Controls® visit www.reliablecontrols.com/projects/overview



PROJECT TYPE:

Retrofit

INSTALLATION TYPE:

HVAC

TOTAL AREA:

157,935 m² (1.7 million ft²)

EQUIPMENT INSTALLED:

**1 ETHER-Link™
3 MACH-Global™
4 MACH-Net™
22 MACH2™
65 MACH1™**

NETWORK:

Fibre-optic, Ethernet, EIA-485

INTEGRATION:

BACnet®

TOTAL SYSTEM POINTS:

2,200 points

**RELIABLE CONTROLS® DEALER:
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