

RIVER ROCK CASINO RESORT

VANCOUVER, BC, CANADA

HOSPITALITY

A FULL HOUSE

River Rock Casino Resort is British Columbia's newest and most spectacular destination resort. This world-class resort is home to Western Canada's largest and most exciting casino, a luxurious 222-suite hotel, a state-of-the-art 1,000-seat show theatre/convention centre, and a host of other impressive amenities, including meeting facilities, spa & wellness centre, marina, health club & fitness centre, swimming pool, water slides, and retail corridor. The resort also features a mouth-watering selection of sumptuous dining options, designed to satisfy diverse culinary palates.

PROJECT DETAILS

The River Rock Casino Resort complex was completed in August of 2005 and runs entirely on the BACnet® protocol. All MACH-Global™ controllers communicate over IP via a LAN belonging to the parent company, Great Canadian Casinos. BACnet IP is employed to communicate with a Trane BCU for chiller control.

The Reliable Control® MACH-System system coordinates cooling for a large chiller plant that consists of four chillers and a single heat harvester. There are 20 large, built-up AHUs dedicated to serve the casino and convention centre. The hotel suites are heated and cooled by 250 fan coils with independent control and adjustable guest setpoint using SMART-Sensor™ technology. Office and tenant space within the hotel is served by fan coils and VAV boxes.

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



PROJECT TYPE:
 New Construction

INSTALLATION TYPE:
 Mechanical, Electrical

TOTAL AREA:
 35,000 m² (376,600 ft²)

EQUIPMENT INSTALLED:
 3 MACH1™
 8 MACH-Global™
 12 MACH2™
 52 MACH-Air™
 307 MACH-Zone™

NETWORK:
 Ethernet, EIA-485

INTEGRATION:
 BACnet®

TOTAL SYSTEM POINTS:
 3,500 points

CONSULTANT:
 Cobalt Engineering

RELIABLE CONTROLS® DEALER:
 Control Solutions

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