

# FAIRMONT EMPRESS HOTEL

VICTORIA, BRITISH COLUMBIA, CANADA

## INTRODUCTION

Opened in 1908, the [Fairmont Empress](#) is one of the oldest hotels in Victoria. Designer Francis Rattenbury built the Empress in the Châteauesque style, with stone and brick cladding, steep pitched copper roofs, ornate neo-Gothic dormers and gables, and polygonal turrets. Today the Fairmont Empress is a [national historic site](#) in Canada and was recognized by National Geographic Travel magazine as one of the [top 21 iconic hotels](#) in the world. The Empress has 431 guest rooms and suites, a spa, and several dining options.

## PROJECT DETAILS

Authorized Dealer [Kerr Controls](#) installed a Reliable Controls building automation system during a retrofit of the Fairmont Empress. The focus of the project was to reprogram the sequence of operations to improve energy efficiency and water use in the hotel.

Kerr Controls commissioned a MACH-ProZone controller and 23 MACH-ProWebSys controllers expanded with MACH-ProPoint modules to control boilers, air-handling units, chillers, variable air volume units, heat pumps, spa pumps, and lighting in the facility.

The new automation system improved energy and water use tracking, leading to savings the following year of nearly \$55,000.

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**MARKET SEGMENT**  
**Hospitality**

**PROJECT TYPE**  
**Retrofit**

**INSTALLATION TYPE**  
**HVAC**

**PROTOCOL**  
**BACnet**

**TOTAL AREA**  
**51,086 m<sup>2</sup> (550,000 ft<sup>2</sup>)**

**INSTALLED EQUIPMENT**  
**23 MACH-ProPoint™ expansion modules**  
**7 MACH-ProWebSys™ controllers**  
**1 MACH-ProZone™ controller**

**TOTAL SYSTEM OBJECTS**  
**435**

**RELIABLE CONTROLS AUTHORIZED DEALER**

**KERR CONTROLS INC.**

**Building Automation Specialists**

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