

NEW YORK MARRIOTT MARQUIS

NEW YORK, NY, USA

OVERVIEW

The [New York Marriott Marquis](#) is an iconic fixture in Times Square with nearly 2,000 guest rooms, high-speed elevators, a gym, meeting and event spaces, and six dining options, including a revolving rooftop restaurant.

PROJECT DETAILS

Authorized Dealer [Energy IQ](#) began working with the New York Marriott Marquis in 2006, installing a Reliable Controls building automation system it has maintained and upgraded over the years to include hundreds of controllers and devices.

Networked hardware integrates BACnet MS/TP communication to more than 100 unitary devices, such as MACH1, MACH2, MACH-Air, and MACH-ProZone controllers. Networked mechanical equipment includes a chiller plant, boiler plant, domestic water pumping, and air handlers. The project is unique due to a requirement to keep the 37-story atrium pressurized 24 hours a day.

Energy savings in the first year following installation of the Reliable Controls system was close to \$1,000,000. Today Energy IQ provides ongoing building management and energy support to the hotel.

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MARKET SEGMENT

Hospitality

PROJECT TYPE

New construction

INSTALLATION TYPE

HVAC

TOTAL AREA

193,238 m² (2.08 million ft²)

PROTOCOL

BACnet

INSTALLED EQUIPMENT

16 MACH1™ controllers
19 MACH2™ controllers
24 MACH2™ Expansion Module devices
33 MACH-Air™ controllers
1 MACH-Pro1™ controller
5 MACH-Pro2™ controllers
46 MACH-ProAir™ controllers
22 MACH-ProCom™ controllers
6 MACH-ProPoint™ Input expansion modules
3 MACH-ProPoint™ Output expansion modules
6 MACH-ProPoint™ Input/Output expansion modules
9 MACH-ProPoint™ Input/Output Universal expansion modules
15 MACH-ProSys™ controllers
47 MACH-Stat™ controllers
41 MACH-ProZone™ controllers
2 SMART-Sensor™ devices
28 SMART-Sensor LCD devices
109 SPACE-Sensor™ Temperature devices

TOTAL SYSTEM OBJECTS

5,000+

RELIABLE CONTROLS AUTHORIZED DEALER

