Reliable®
controls

75–85 O'Riordan St.

SYDNEY, NSW, AUSTRALIA

RETAIL

HIGH-LIFE STYLE

Forming part of Sydney Corporate Park, 75–85 O'Riordan Street is fast becoming Australia's hottest retail strip – a rising star on Sydney's corporate landscape that encapsulates the finest in lifestyle amenities and facilities.

PROJECT DETAILS

Rega Controls was tasked with replacing an existing building automation system that had failed the customer. Because the building's tenants are high-end retail operations, comfort levels had to be maintained throughout the retrofit.

The original system had four Hitachi chillers, each with four compressors (plus two additional customer-installed McQuay chillers), two Boilers, and 114 Fan Coil Units. A high-level interface with the Hitachi chillers was established using LON to BACnet®. The flexibility of the Reliable Controls® MACH-System has allowed the customer to periodically install additional fan coil units for new tenants as demand requires.

Rega Controls was able to maintain tenant comfort throughout the retrofit by changing the main network structure to include an Ethernet cable installed throughout the building to connect the MACH-ProSys™, MACH-ProCom™, and MACH-Global™ controllers. The existing twisted shield cables (EIA-485) were employed for the remainder of the network.

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

PROJECT TYPE:
Retrofit

INSTALLATION TYPE:
Boiler, Chiller, HVAC, Water Monitoring

TOTAL AREA:
24,000 m² (258,340 ft²)

EQUIPMENT INSTALLED:
1 MACH-Global™
2 MACH-ProCom™
11 MACH-ProSys™
12 MACH2™
49 MACH1™

NETWORK:
EIA-485, Ethernet, LAN

INTEGRATION:
BACnet®, McQuay, Modbus

TOTAL SYSTEM POINTS:
1,850 points

RELIABLE CONTROLS® DEALER:
Rega Controls

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green star

BACnet