

CAPITAL LINEN SERVICES

CANBERRA, ACT, AUSTRALIA

INDUSTRIAL

COMMERCIAL LAUNDRY RETROFIT

Capital Linen Services, Canberra's premiere commercial laundry, needed an HVAC system to be retrofitted while the laundry remained operational. The requirement was to not impact production levels and service delivery quality required by the hotels, hospitals, tourist attractions, and aged care facilities in the Canberra area that are reliant on Capital Linen Service. All work was staged so as not to affect the crucial work schedule.

PROJECT DETAILS

Networked hardware for this project included a MACH-ProWebSys serving the main plant, a MACH-ProSys serving the boiler plant room, and eight MACH-ProZone devices serving the field equipment. Ethernet connection to an on-site server, running RC-Archive and RC-Reporter completed this MACH-System installation.

The mechanical equipment controlled includes six full, outside air handling units with exhaust systems, and an evaporative cooling and steam boiler plant. The site's steam boiler plant provides primary steam to a variety of buildings on the site, which makes this a unique installation.

The mechanical and controls retrofit of this facility has ensured the continued operation and performance of a vital community facility. The installation of RC-Archive and RC-Reporter allows for continued energy monitoring and reporting of the facility utilities.

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PROJECT TYPE:

Retrofit

INSTALLATION TYPE:

Boiler, AHU

TOTAL AREA:

2,000 m² (21,528 ft²)

EQUIPMENT INSTALLED:

1 MACH-ProWebSys™
 1 MACH-ProSys™
 8 MACH-ProZone™
 RC-Archive®
 RC-Reporter®

NETWORK:

EIA-485, Ethernet

INTEGRATION:

BACnet®, MODBUS

TOTAL SYSTEM POINTS:

200 points

RELIABLE CONTROLS® DEALER:

Innovative Electrical Solutions Pty Ltd.

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