

# MELBOURNE CENTRAL BUSINESS DISTRICT

MELBOURNE, AUSTRALIA

CORPORATE

## IMPROVING ENVIRONMENTAL IMPACT

The postmodern, art deco style 120 Collins St. building is located in the Central Business District in Melbourne, Australia. The building boasts occupancy rates of 99.8% and towers 265 meters (870 ft) above street-level, comprising office accommodation equating to 65,000 m<sup>2</sup> (700,000 ft<sup>2</sup>) of net lettable area with four levels dedicated to plant.

## PROJECT DETAILS

Reliable Controls Authorized Dealer, Environmental Automation, participated in a recent sustainability initiative, which included Building Management System upgrades, updating the 120 Collins St. building's aging BMS to the Reliable Controls MACH system.

The building is iconic, boasting high profile tenants and as a result, it was essential the BMS upgrade be seamless to the operation of the building, invisible to the tenants, and completed within a very limited time. Environmental Automation generated a program incorporating input from all stakeholders and addressing client expectation, tenant needs, a building operations evaluation survey, a plant configuration/operations survey, pre-engineering, factory acceptance testing, hardware/software installation, nightly floor changeovers, and main plant control upgrades.

The pre-engineering and factory acceptance testing of the control logic allowed close scrutiny by the consultant, void of the pressures of changing over a live site. Reliable Controls loaded the logic and addressed/labeled each VAV, reducing valuable site time by minimizing site engineering and site commissioning time.

To learn more about projects using Reliable Controls<sup>®</sup>, visit [www.reliablecontrols.com/projects/overview](http://www.reliablecontrols.com/projects/overview).



### PROJECT TYPE:

**Retrofit**

### INSTALLATION TYPE:

**Chiller, Boiler, Fan Coil Unit, Air Handling Unit, HVAC**

### EQUIPMENT INSTALLED:

**26 MACH-ProCom<sup>™</sup>**  
**4 MACH-ProSys<sup>™</sup>**  
**1152 MACH-Pro Air<sup>™</sup>**  
**231 MACH-Pro Zone<sup>™</sup>**

### NETWORK:

**Fibre Optic (multi-mod OM3),  
Ethernet (Cat. 6A), EIA-485**

### TOTAL SYSTEM POINTS:

**5500 points**

### ARCHIVING POINTS:

**2800 points**

### RELIABLE CONTROLS<sup>®</sup> DEALER:

**Environmental Automation**

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