

GATEWAY SHOPPING CENTRE

YARRAWONGA, NORTHERN TERRITORY, AUSTRALIA

INTRODUCTION

Gateway Shopping Centre in Yarrowonga, near the capital city of Darwin, Northern Territory, is a modern shopping mall with 60 stores, a state-of-the-art movie theater, a 24-hour gym, restaurants, free parking, and Adventure Land, featuring Northern Territory's largest play structure and one of Australia's largest ball pits.

PROJECT DETAILS

Authorized Dealer [Integrated Switchgear and Systems \(ISAS\)](#) installed a Reliable Controls building automation system during construction of Gateway Shopping Center.

The facility's mechanical equipment includes three 2,400 kWh PowerPax chillers, three pre-cooler units, 16 air-handling units, and 50 fan-coil units. Numerous MACH-ProAir and MACH-ProZone controllers are used in the movie theaters alone. A suite of Reliable Controls software monitors, reports, and archives system data and provides an ideal solution for the complexities of efficiently operating a shopping mall. The integration of electrical, thermal, gas, and water makes this installation unique.

ISAS met project deadlines and liaised with third-party contractors to complete this installation on time and on budget. Gateway's owner noted the mall has the most complete building automation system they've ever seen. Special thanks to Building Services Group for its assistance as engineering consultant on this project.

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Reliable[®] controls



MARKET SEGMENT
Health care

PROJECT TYPE
New construction

INSTALLATION TYPE
HVAC

TOTAL AREA
30,000 m² (322,917 ft²)

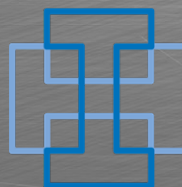
PROTOCOL
BACnet, Modbus

INSTALLED EQUIPMENT
118 MACH-ProAir™ controllers
9 MACH-ProCom™ controllers
34 MACH-ProZone™ controllers
RC-Archive® software
RC-Reporter® software
RC-Studio® software
RC-Toolkit® software
RC-WebView® software

INTEGRATED EQUIPMENT
Siemens UH50 thermal meters

TOTAL SYSTEM OBJECTS
5,584

RELIABLE CONTROLS AUTHORIZED DEALER



ISAS

Integrated Switchgear And Systems

BACnet
BACnet is a registered trademark of ASHRAE