



# **Building Automation**

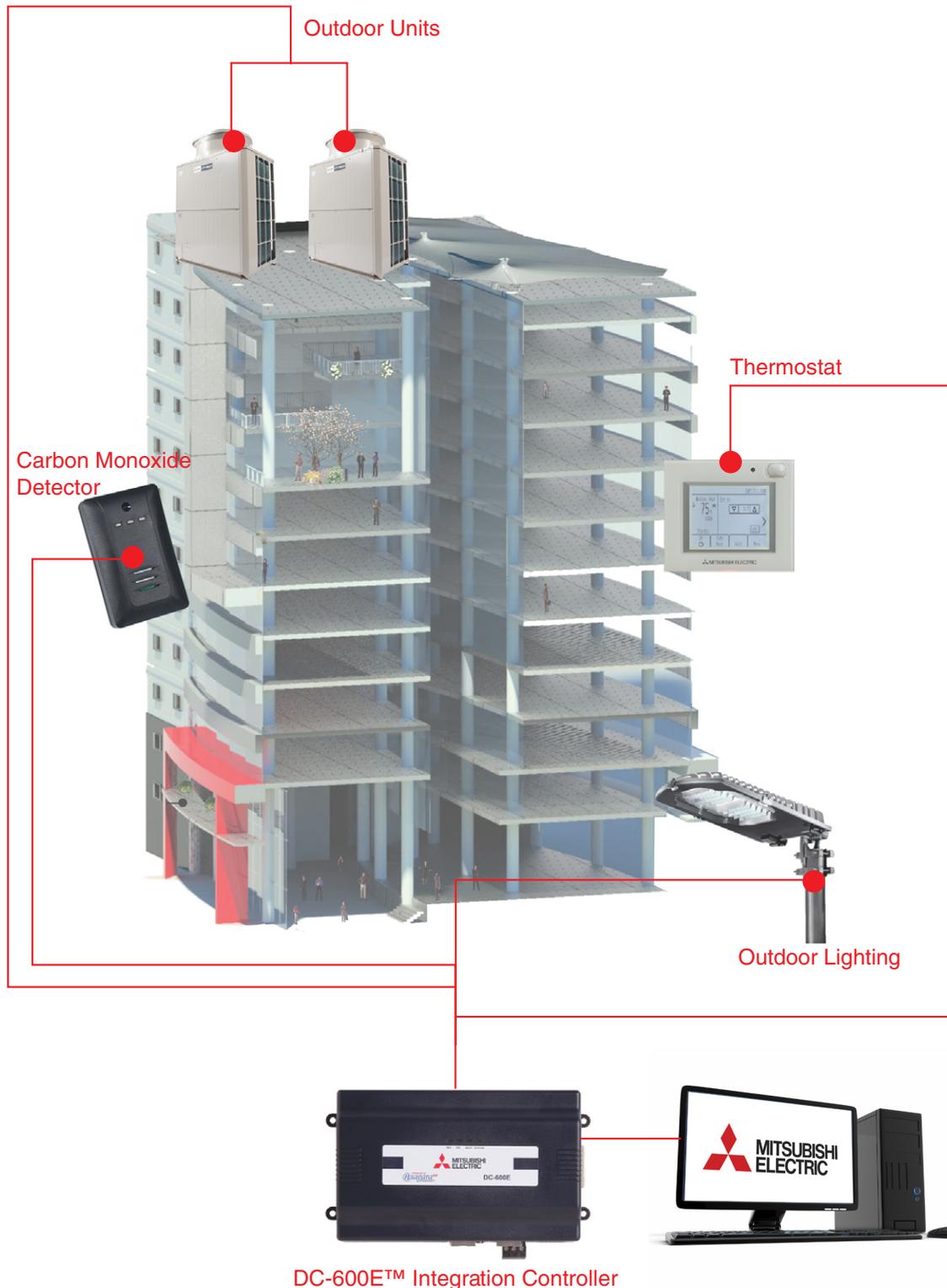
## BUILDING MANAGEMENT & CONTROL SYSTEM

PRODUCT FLYER



# Building Automation System

Mitsubishi Electric Australia is proud to provide Diamond Controls, a branded, bundled, and seamless building controls solution. Mitsubishi Electric's Diamond Controls are powered by the industry leading Niagara Framework®, the industry's first software technology designed to integrate diverse building systems and devices into one seamless system.



DC-600E™ Integration Controller

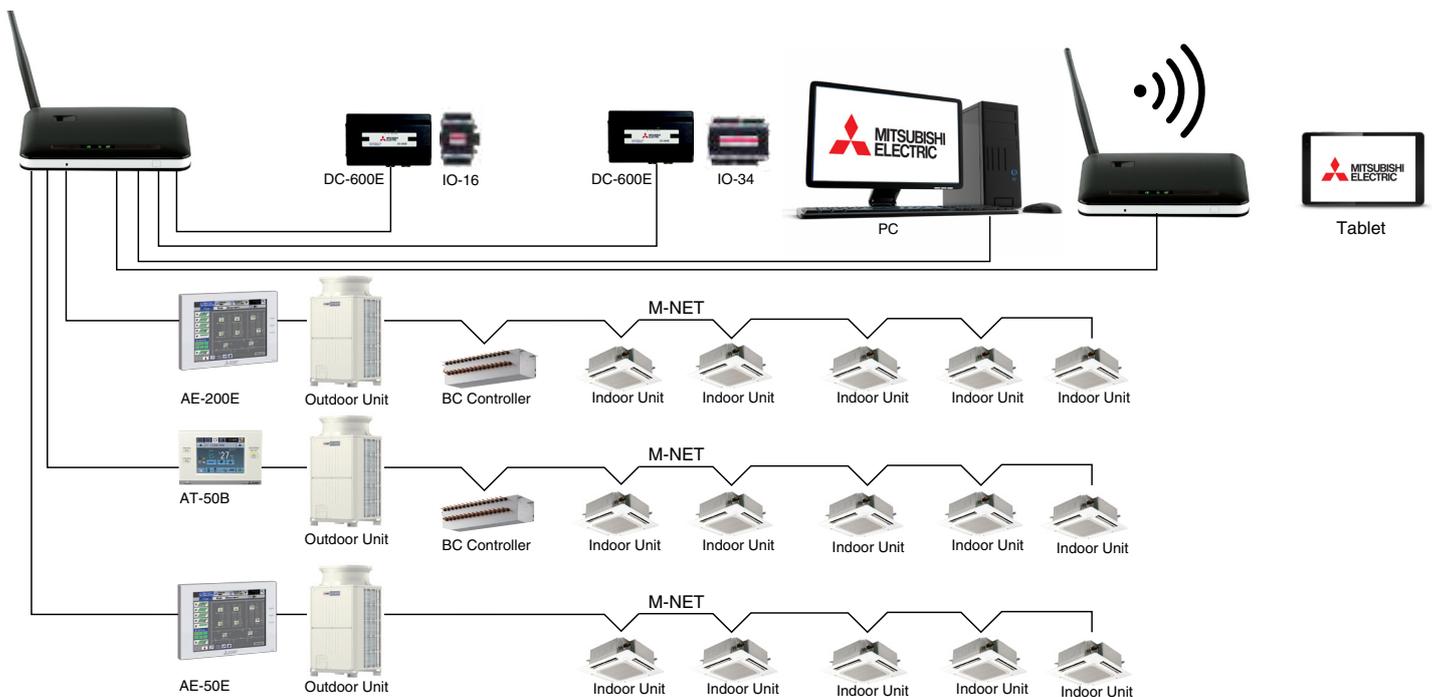
## Turnkey Solution

Many steps take place between designing a controls system, installing it and actually using it. Mitsubishi Electric Australia will bridge this gap and provide not only quality hardware but also service solutions that go far beyond what is traditionally offered. Diamond Control Solutions is involved in all aspects as outlined in the diagram below.



## Integration with Mitsubishi Electric Air Conditioning Systems

Mitsubishi Electric Diamond Controls enables a smooth integration with the Mitsubishi Electric Air Conditioning units. This provides a single point of access to control and monitor the units. Controlling numerous systems through a single interface reduces the time it takes to make necessary adjustments.



# DIAMOND CONTROLS

## DC-600E Controller

The Mitsubishi Electric DC-600E is an embedded controller/server platform that combines integrated control, supervision, data logging, alarming, scheduling and network management functions into a small, compact platform with Internet connectivity and web serving capabilities.

The DC-600E makes it possible to control and manage external devices over the Internet, presenting real-time information to users in web-based graphical views.



- » Supports open protocols.
- » Web User Interface (standard) serves rich presentation and live data to a browser.
- » Run stand-alone control, energy management and multi-protocol integration.
- » Standard and optional communication boards
- » Can be expanded.
- » Easy to install and supports multiple power options.
- » Embedded IBM Power PC Platform.



## DC-PRO Supervisor

The Mitsubishi Electric DCPro is a flexible network server for all connected DC-600E stations. The DCPro harnesses the power of the Internet to provide efficient integration of standard open protocols. The DCPro creates a powerful network environment with comprehensive database management functionality, alarm management, and messaging services.

## Main Features

- » The Niagara Framework® is an open, Java-based framework that integrates diverse systems, devices and communication standards into an interoperable, Web-enabled application environment that allows the user to monitor, manage and control their devices and systems at anytime from anywhere around the world using standard Web browsers.
- » It has the ability to integrate standard protocols such as BACnet, Lonworks, MODBUS, legacy systems and so much more.
- » Energy Management capable Front End Software
- » Integration is not only limited to Mechanical systems but also with Electrical, Hydraulic, Access Control, CCTV and so much more.
- » Interrogation is via a standard Web Browser with no additional software required.



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