

# MITSUBISHI CHEMICAL INFONICS PTE

PIONEER ROAD, SINGAPORE

MANUFACTURING

## A RELIABLE MIGRATION

Mitsubishi Chemical Infonics Pte Ltd. is a large, three-storey manufacturing plant that includes a production plant, warehouses, and offices. The facility houses the production lines for organic photo and optical products and required updating to extend and maximize the investment in the existing system.

## PROJECT DETAILS

Reliable Controls Authorized Dealer, Vace Pte Ltd., completed this retrofit project for Mitsubishi Chemical Infonics Pte Ltd., with the primary focus of maximizing the client's investment in their existing system through the addition of air handling units for production areas, heat exchanger coils for process cooling, and by migrating to Reliable Controls MACH-System controllers.

The networked hardware in this project includes two MACH-ProCom™ controllers, eight MACH-Stat™ controllers, and five MACH-Zone™ controllers. The mechanical components in this installation included fifteen air handling units and five make-up, air handling units, all for production areas, as well as ten heat exchanger coils for process cooling.

The migration from the existing control vendor products to the Reliable Controls MACH-System controllers was very smooth. Even a third-party router was integrated using BACnet. The project effectively extends and maximizes Mitsubishi Chemicals Infonics' investment through the addition of the Reliable Controls MACH-System controllers.

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### PROJECT TYPE:

**Retrofit**

### TOTAL AREA:

**88,500 m<sup>2</sup> (952,607 ft<sup>2</sup>)**

### EQUIPMENT INSTALLED:

**2 MACH-ProCom™  
8 MACH-Stat™  
5 MACH-Zone™**

### NETWORK:

**EIA-485  
Ethernet**

### INTEGRATION:

**Modbus, BACnet®**

### TOTAL SYSTEM POINTS:

**1,200 points**

### RELIABLE CONTROLS® DEALER:

**Vace Pte Ltd.**

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