

MCMC Malaysian Communication and Multimedia Commission

CYBERJAYA, SGR, MALAYSIA

GOVERNMENT

COMMUNICATIONS

The Malaysian Communications and Multimedia Commission (MCMC) regulates Malaysia's converging communications and multimedia industries. MCMC's role is to implement and promote the Malaysian Government's national policy objectives for the communications and multimedia sectors. MCMC also oversees the regulatory framework that guides the growth of the telecommunications, broadcasting, and on-line industries.

PROJECT DETAILS

The Reliable Controls® MACH-System installed at MCMC is a new construction project that utilizes RC-Studio® 2.0 and RC-WebView™ 2.0 to interface with a system consisting of some 50 controllers. The mechanical and electrical services interfacing with the Reliable Controls® MACH-System include Mechanical Ventilation (heat exchanger, chilled water pumps, power monitoring, fans, and CO₂ monitoring), Fire Protection Service (sprinkler, jockey, and hose reel pumps, main fire alarm panels, and sprinkler water tank monitoring), Data Centre (air conditioning, UPS monitoring, and battery banks), and Cold Water Services (booster, pneumatic, and sump pumps). The Reliable Controls® MACH-System also regulates the lighting control, elevators, water fountain and fish pond pumps.

The MODBUS-Link™ interfaces with a digital power meter for the AC main switchboard and backup generator. Variable Speed Drives are employed to run the chilled water pump during night hours.

To learn more about projects using Reliable Controls®, visit www.reliablecontrols.com/projects/overview.



PROJECT TYPE:

New Construction

INSTALLATION TYPE:

Mechanical, Electrical

TOTAL AREA:

15,000 m² (160,000 ft²)

EQUIPMENT INSTALLED:

**1 ETHER-Link™
1 MACH-Global™
1 MODBUS-Link™
11 MACH2™**

NETWORK:

Ethernet, EIA-485

INTEGRATION:

MODBUS

TOTAL SYSTEM POINTS:

500 points

CONSULTANT:

Bovis / Kejuruteraan

RELIABLE CONTROLS® DEALER:

Techno Controls