

# 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](http://www.reliablecontrols.com/projects/overview)



**PROJECT TYPE:**  
New Construction

**INSTALLATION TYPE:**  
Mechanical, Electrical

**TOTAL AREA:**  
15,000 m<sup>2</sup> (160,000 ft<sup>2</sup>)

**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

www.reliablecontrols.com