

# LINK SHOPPING CENTERS

HONG KONG, CHINA

RETAIL

## SHOPPING ONLINE

*Link Real Estate Investment Trust (REIT) is one of the world's largest REITs with assets in the neighborhood of US\$3.3 billion. With over 180 properties, primarily shopping malls and carparks in the greater Hong Kong area, Link's portfolio consists of approximately 1,022,000 m<sup>2</sup> (11 million ft<sup>2</sup>) of retail space and 80,000 carpark spaces.*

## PROJECT DETAILS

Reliable Controls® Authorized Dealer, System Mart, was tasked with replacing the chillers at 18 Link Shopping Centres in the greater Hong Kong area. The scope of work involved programming for the control and monitoring of air and water cooled chillers. Monitoring included the chiller and temperature sensors, valve actuators, flow switches, pumps, and cooling towers. The system information is sent back to an installation of RC-Studio® 2.0 that is housed in a centralized Control and Monitoring Center.

For most of the shopping centers, MACH-ProSys™ controllers were installed as Modbus slaves to communicate with a PC acting as the Modbus master. And taking advantage of the true versatility of MACH-Pro series controllers, those same MACH-ProSys™ controllers use BACnet® to communicate with a remote desktop that uses RC-Studio® 2.0.

System Mart estimates that their chiller program will save the Link Shopping Centres approximately US\$100,000.00 a year.



**PROJECT TYPE:**  
Retrofit

**INSTALLATION TYPE:**  
Chiller

**TOTAL AREA:**  
5,000 m<sup>2</sup> (53,800 ft<sup>2</sup>)

**EQUIPMENT INSTALLED:**  
18 MACH-ProSys™  
26 MACH-ProPoint™ Input  
48 MACH-ProPoint™

**NETWORK:**  
Ethernet, EIA-485

**INTEGRATION:**  
BACnet, Modbus

**TOTAL SYSTEM POINTS:**  
2000 points

**RELIABLE CONTROLS® DEALER:**  
System Mart

To learn more about projects using Reliable Controls® visit  
[www.reliablecontrols.com/projects/overview](http://www.reliablecontrols.com/projects/overview)

