VIETTEL GROUP HEAD OFFICE

Reliable controls®

Hanoi, Vietnam

OVERVIEW

Viettel Group is a Vietnamese multinational technology company with over 330 million customers in 13 countries across Asia, America, and Africa. Winner of the *Asia Pacific International Property Awards* in 2019, the company's LEED Silver–certified headquarters in Hanoi integrates workplace and landscape features with interconnected floor spaces, a rainwater harvesting system, abundant natural light, and an expansive green roof.

PROJECT DETAILS

Reliable Controls Authorized Dealer BASS Solutions & Services successfully implemented a sustainable building automation system in Viettel Group's new headquarters. The project is one of only a few in Vietnam to achieve LEED certification.

BASS installed MACH-ProAir, MACH-ProCom, MACH-ProSys, and MACH-ProZone controllers, along with MACH-ProPoint expansion modules to control chiller plants, air-handling units, fan-coil units, variable air volume boxes, a sophisticated heat-pump system, three generators, and hundreds of power meters networked over BACnet/IP. SMART-Sensor devices provide air-quality measurement and occupancy control.

Building operators use RC-WebView to easily access and control the building automation system and monitor energy efficiency. RC-Archive software makes it easy for facility managers to retrive historical data that informs daily operational decisions and sequences of control.

Nearly 100 percent of rainwater to the building is collected and used for cooling, landscaping, and sanitation. BASS implemented a variety of strategies to optimize building performance for energy efficiency, operating costs, and indoor air quality.

Reliable Controls and BASS are excited to be part of this impressive project with Viettel Group.

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PROJECT TYPE
New construction

TOTAL AREA
23,710 m² (255,212 ft²)

VGBC | Vietnam Green Building Council
Hội đồng Công trình xanh Việt Nam

EQUIPMENT INSTALLED
179 MACH-ProAir™ 12-A-F controllers
39 MACH-ProCom™ controllers
94 MACH-ProPoint™ Input expansion modules
28 MACH-ProPoint Output expansion modules
4 MACH-ProSys™ controllers
39 MACH-ProZone™ 44-C controllers
290 MACH-ProZone 48-C controllers
328 SMART-Sensor™ EPD devices
328 SMART-Sensor EPD devices with CO₂ sensors
RC-Archive® software
RC-WebView® software

NETWORK
EIA-485, Ethernet

PROTOCOL
BACnet, Modbus

BACNET
Generators, power meters

POINTS
5,000 points

RELIABLE CONTROLS AUTHORIZED DEALER

BASS Solutions & Services

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ASHRAE BACnet®