

ALEXANDRA HOSPITAL

SINGAPORE

HEALTH CARE

OVERVIEW

Sitting on a 110,000 m² (1,184,000 ft²) plot of land in Queenstown, Singapore, Alexandra Hospital's colonial style buildings were constructed in the late 1930s. The gardens that surround the hospital include 500 plant species and over 100 butterfly species. Members of nature societies have used the hospital gardens as a study ground. The facility initially served as the principal hospital for the British in the Far East and was once known as the British Military Hospital before Singapore's independence.

PROJECT DETAILS

The retrofit project for Alexandra Hospital by Reliable Controls Authorized Dealer, Vace Pte. Ltd. was accomplished with success.

The mechanical equipment controlled was primarily air handling units.

The work performed was unique due to the monitoring of power and temperature for medical fridges, which stored expensive vaccines and medications at the onsite laboratories and pharmacy.

As it was costly to network using cables, remote buildings were equipped with 3G mobile hardware and were integrated into the main building via RC-RemoteAccess[®] on a cloud server.

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PROJECT TYPE:

Retrofit

INSTALLATION TYPE:

HVAC, Fridge Temperature Monitoring

TOTAL AREA:

110,000 m² (1,184,000 ft²)

NETWORK:

EIA-485, Ethernet

PROTOCOL:

BACnet[®]

POINTS:

300

EQUIPMENT INSTALLED:

3 MACH-ProCom[™]4 MACH-ProSys[™]6 MACH-ProZone[™]6 MACH-Pro1[™]8 MACH-Stat[™]

RC-RemoteAccess

RELIABLE CONTROLS[®] DEALER:

Vace Pte. Ltd.

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