



RELIANCE group

CUSTOMER BENEFITS

- Central monitoring and control – entire Building Services, M&E.
- Fast response to any demand – assuring high comfort levels.
- Labour saving – plant rooms and field devices visits minimised
- Energy saving – intelligent plant programming towards energy saving.
- Improved reliability – thought preventive maintenance reminders
- Future proof – Based on standards, such Lonworks, Bacnet, Modbus, ActiveX.

NEW NICOSIA GENERAL HOSPITAL

Project at a Glance: The Biggest and most expensive project ever done in Cyprus, 102000 M2, 10500 BMS, points. This project was the No 1 challenge for Comfort Reliance Group. Different types of Installations from different manufacturers had to be connected and controlled from a single station. An open system was used with Satchwell Sigma software and graphics. Mc Quay Chillers, Invensys VAV controllers, Satchwall Lon controllers and Liebert control units, have been interfaced with Sigma software. This software enables the system to operate successfully through a single station.

HVAC major equipment installed:

- 750 VAV boxes
- 105 AHUs
- 24 Chillers
- 3 Steam Boilers
- 24 Cooling pumps
- 22 Heating pumps
- 5 Hot water cylinders
- 7 Heat Exchangers
- 800 FCUs
- 280 Ex. Fans

BMS equipment installed:

- 750 VAV controllers
- 423 Micronet DDC controllers
- 6 Global control modules
- 4 DNN routers
- 14 Lon integration controllers
- 1 Modbus integration controllers
- 20 Microzone controllers
- 1 Sigma software with graphics
- 1 Central station (2 computers, printers)

WE CARE FOR YOUR COMFORT & SAFETY

