

Oasis Shopping Mall, Dubai

The new Oasis Shopping Mall on the famous Sheikh Zayed Road in Dubai is a truly comfortable and convenient family centre with more than three times the retail space of its former namesake.

Green Optima was selected to design, engineer supply and commission the Building Automation requirements of the centre. Around 70 air handling units and almost 500 FCU's are controlled by Green Optima with two Chiller plants and all the associated pumps and fans.

Integration to the Chiller Management System via BACnet and Modbus connections to the MDB's and meters will ensure that this building is at the fore front of technological innovation.

Utilising both TCP/IP and MS/TP networks the plant communicates with the graphical user interface, has remote access through a modem and is also fully capable of access though the worldwide web.

Case Study

The System

- 2 x Chilled Water Plant
- Chiller Integration
- FAHU
- Extract Fans
- Fan Coil Units
- Water Tanks
- Electrical Monitoring
- CHW tenant Metering
- Car Park Ventilation



The Challenges

- Prestigious Shopping Mall
- Rigorous and demanding specification completed on time and on budget
- Giving flexibility along with energy efficient control solution
- Integration of packaged chillers and MDB's

Intelligent Buildings-Smart People



Chase Contracting LLC