

Commercial Bank of Dubai

The new premises of the Commercial Bank of Dubai located on the famous Sheikh Zayed Road had its services controlled and monitored by a PRIVA Building Management System. Control specialists, Green Optima have provided the design, supply, engineer and commissioning of the system and also carried out the important controls wiring using its own experienced personnel. All of the major plant features such as Chillers, Pumps, Fans, AHU's and Tanks are connected together with integration of electrical systems such as the Fire Alarm system, CCTV, Lighting Control System, Generators, Lifts, Battery systems and the ACBs.

Having installed Building Management Systems in other premises the requirement here was for a more flexible approach utilising the latest advancements available in the market. PRIVA with its long history in leading edge technology through continuous R & D was an easy choice. Individual room control was a requirement of the project but in order to maintain overall control and reduce energy all of the FCU's were fitted with Priva Comforte CX controllers. These MS/TP BACnet units are fitted with local room control units to allow the occupants to select the desired temperature within the limits set by the Facility Manager. The programmable keys also allow the user to select fan speed.

The System

- Chilled Water Plant
- Car Park Ventilation
- FAHU
- Extract Fans
- Fan Coil Units
- Localized Room Control
- Multi System Monitoring
- Integration of Systems



Intelligent Buildings-Smart People

The Challenges

- Electro Mechanical Installation
- Multi vendor control and monitoring
- Giving flexibility along with energy efficient control solution
- Open system, future proofed technology



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