

Intelligent Building Controls

Major International Hotel Group



Design, supply and installation of intelligent building controls for hotel mechanical plant, corridor lighting system and guest bedroom controls within 300 rooms.

Integrating the building management systems (BMS) with the client's Fidelio booking software such that, whenever a new guest checks in, the fan coil unit in the room is activated and set to a pre-determined level. The system automatically de-activates the room's environmental controls when the guest checks out of the hotel.

Monitoring of the electrical systems to provide status and alarm indication to the BMS and the system control of the corridor lighting systems for scene changes.

The head-end provided access to information on the BMS, guest bedroom controls and room status from the Fidelio System. A central BMS head-end with remote web-based access allows 24-hour monitoring and pro-active maintenance support for the hotel maintenance team.

Challenges:

Integrating bespoke Fan Coil Unit Room Controllers manufactured to DMS's specification incorporating BACnet communication. Coordination of the integration to the Fidelio System.

Client: Lorne Stewart
System: Automated Logic & BACnet Integration
Duration: 12 Months
Value: £400,000