

BT Slough

CASE STUDY



Location: **South East**

M&E Contractor: **Bancroft**

Main Contractor: **ISG**

Consultant: **Capita**

BMS System Installed: **Trend**

Value of Contract: **£500,000**

Completion: **2014**

PROJECT FEATURES

- 14 MCC's with a building management system (BMS); the services monitor and control ventilation, chilled water to the data halls, including all associated services.
- Main plant is controlled by Trend IQ3 series controllers, linked by Ethernet that constitutes the site wide network 'backbone'.
- Chiller sequencing communicates with the BMS via MODbus networks
- EnMS energy system communicates with the BMS via MODbus networks
- Data hall CRAC units are linked into the BMS by Ethernet.
- Cooling rack controllers are linked into the BMS by Ethernet and hardwired links.

The project involves the construction of a secure data centre and associated services to accommodate a GES Project within an existing derelict Royal Mail Sorting office, in Slough. The project required extensive structural strengthening and alterations to the building, part demolition together with repair and refurbishment of the building fabric to accommodate the proposed mechanical and electrical services, and data racks.