

School Academy Project

New Internal Data Centre

Client Brief:

To provide the academy with a new Internal Data Centre to host the critical services following a reorganisation of the academy's I.T. infrastructure.

Timescale:

Due to tight timescales and the integration of new services it was critical that this project was completed on programme, with a 7 week schedule timeslot (including the Internal Shell construction) Secure I.T. Environments' experienced service management delivery team – working in conjunction with a client representative – planned each stage in detail prior to its implementation, to ensure the efficient completion of this project.

Logistical Challenges:

Secure I.T. Environments Ltd were appointed to Design, Build and coordinate a cost effective solution to accommodate the I.T. Equipment from the existing facility and provide a total solutions package for the integration of all services to the new Data Centre. This was particularly challenging with the location of the site, involving strategically planned deliveries to arrive at the Academy to meet these timescales. Design criteria to include UPS, N+1 Denco Air Conditioning Systems, dual power feeds fed via diverse routes following the provision of a new power supply installation.

Upon the arrival of the Modular Room panels the internal shell construction took place, this was completed within one week, followed by the installation of an anti-static raised access floor, major M&E Plant deliveries and installation. This was followed by the LV Switchboard panels providing connectivity into the new power supply, culminating with the Fire Suppression System and a 6 Cabinet installation, Environmental Monitoring, Access Control and CCTV facilities.

Phase 1 Room Size:

5m x 4m - 20m²

