

Local Authority

DR Facility – Live Environment Upgrade

Client Brief:

Upgrade existing operational I.T. facility to provide a remote, high security, high performance DR installation to meet statutory Local Authority BC commitments.

Timescale:

Starting on the 5th January in heavy snow, the strip out preparation, cell build and infrastructure upgrades all had to be completed for the end of February ready for staff to occupy new support desks in the adjacent office areas.

Logistical Challenges:

We had the challenge of maintaining a clean, cooled and secure I.T. environment, whilst walls and ceilings were dismantled around live hardware/comms systems. This was further complicated by extreme weather conditions presenting access and delivery problems.

Whilst maintaining a sealed AC environment with temporary screen walling is usually a major challenge, this was in fact made easier by the constant sub zero temperatures.

On completion of a new Modular Cell from floor to roof slab, great care was necessary to ensure complete sealing of all existing cable transits as well as the new pipe ducts for upgraded AC systems. Having identified and sealed all under floor and adjoining wall cavities, an excellent room integrity Fire Suppression test was achieved which gave nearly twice the required integrity time.

With only the clients BMS/Trove system still to be connected the completed Secure I.T. Environments installation was handed over on time and on budget on the 24th February 2010.

Room Size:

13m x 6m - 78m²

