

## Global Supermarket Chain

### Data Centre New Build & DR Upgrade

**Client Brief:**

Having successfully undertaken a major high performance modular secure room build and infrastructure re-fit around the live I.T. systems at the HQ Data Centre and Regional DR sites for a well known supermarket chain, Secure I.T. Environments Ltd were engaged to design, install and commission a new 24/7 BC compliant Data Centre for 27 server racks in a newly constructed HQ building for an expanding retail division.

**Timescale:**

Working closely with the main building contractor Secure I.T. Environments at first sight had a fairly generous 16 week timescale for a modular room build and full infrastructure fit-out.

**Logistical Challenges:**

Whilst access to newly constructed areas was clearly defined in the project timetable, Secure I.T. Environments had to make regular adjustments to the planned install and fit-out programme to take account of delayed power and service deliveries.

After the on time modular room install, progress was slowed by competing access to the main service riser to install 65m of AC piping to condensers on the roof.

However, careful resource planning with multiple trade overlaps ensured that the 'go live' date was achieved, despite many mid project delays in getting the generator on site and last minute power/switch gear connections – testimony to the old adage that 'where there's a will there's a way', all made possible by a great team effort.

**Room Size:**

14.3m x 6.7m - 95m<sup>2</sup>

