

Nationwide Hardware Upgrade

Technology upgrade and asset recycling across UK estate



The challenge

A large insurance company embarked on a company-wide technology upgrade that involved a hardware upgrade across its nationwide campus.

As their physical infrastructure connectivity partner, Excel was asked to visit every site to ensure the LAN could support the new technology.

Key requirements included auditing all comms rooms, installing data infrastructure for new hardware, rolling out new equipment and removing end-of-life hardware from each site and disposing of it in an environmentally safe and secure manner.

The solution & implementation

Proven project management methodologies were essential to the successful delivery of the project.

Several work streams were run in parallel to ensure the tight timelines were achieved, including site audits, installing new cabling infrastructure, hardware deployment, asset recoveries and asset recycling.

Through Excel's bespoke Xact™ toolset, our project manager was able to coordinate all work streams in an efficient manner while giving our client 24x7 access to the project status.

Continuity of qualified engineers across the work streams ensured activities were completed as efficiently as possible with minimum client disruption. Detailed method statements were developed and submitted

before each site visit, expediting the access request approval process.

Infrastructure audits were completed for every site, and engineers were deployed on a site-by-site basis to install new cabling infrastructure, deploy new printers and liaise with the client network team to ensure all ports were set to the correct VLANs.

As part of the asset recovery process, comprehensive asset tracking was undertaken using the latest bar code technology to allow real time asset tracking. Once the assets had been recovered, a certified audit was sent to the client. Excel is committed to a 0% landfill approach and 98% of the recovered assets were recycled with the remaining 2% being harvested for parts according to current legislation and the WEEE directive.

As each sites' activities were completed, full documentation was submitted to the relevant client team and followed by a site debrief with the client's senior project manager.

The results

Thanks to meticulous planning, experienced engineers and established project methodologies we were able to complete the project on time and within budget across the entire estate.



At a glance

- » Nationwide infrastructure roll-out across 34 sites
- » New data cabinets and inter-links installed at 16 sites
- » New network infrastructure for 432 printer locations
- » 432 printers installed
- » In excess of 3,000 IT assets recovered over six weeks
- » Recycled 98% of redundant IT assets while recovering relevant materials from remaining 2% to achieve our 0% landfill commitment
- » WEEE compliant

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