

Structured Cabling Installation

European expansion in short timescales



The challenge

Our client, one of the world's leading financial institutions, needed to grow its operation in Milan by moving on to the third floor of its existing building.

Excel already had a proven track record of working with this client in various European locations, and could demonstrate the procurement and logistical expertise required to meet this project's exacting deadlines.

The solution

The installation programme was developed around Excel's established approach to project logistics, using its own staff with mobile phones and sat-nav tracked vehicles to give the location of each shipment and an accurate delivery time – a level of precision which helped ensure the project could be completed in three sub-phases over a six-week period.

The new system was built around SYSTIMAX GigaSPEED and OptiSPEED technologies for the local area network cabling, voice network (ITS dealerboards), horizontal user outlets, fibre backbone and patchcords.

Implementation

Phase One: the first phase was the installation of structured cabling for the new third floor accommodation. Since the work would be noisy and intrusive it was carried out entirely out-of-hours.

Phase Two: the existing sixth floor space, a fully working environment requiring more out-of-hours scheduling, was then

upgraded. The old cabling was removed section-by-section as engineers completed each sub-phase horizontally at the user end – while the main core of the old infrastructure was left in place until all voice and data services had been successfully migrated to new cabling. The old metal data and voice frames were also removed from the comms room and recycled.

Phase Three: in parallel with the final stages of cabling, our experienced project team surveyed every position in order to prepare for the relocation of users to their final desk positions. To overcome the fact that both legacy and new cabling terminated on the new comms room frame, colour-coded patchleads were used, saving a huge amount of time when it came to the actual cutover of the frames.

Results

The project was greeted as a success by both the London-based management team and the user base in Milan. The complete migration of voice and data services was achieved with minimal disruption to the business, with the detailed moves planning ensuring that the patching cutover was completed without a single hitch.



At a glance

- » Seamless co-ordination between London and Milan, with the engineering and project team eventually covering more than 17,000 miles
- » 50,000 metres of cable installed, with 194 network ports and 700 horizontal user ports
- » SYSTIMAX GigaSPEED and OptiSPEED technology
- » Out of hours working to eliminate disruption to live working environments

Excel I.T. Ltd
Trafalgar House,
712 London Road,
Grays, Essex
RM20 3JT