

# Structured Cabling Case Study

Global Private Equity Company



## Key highlights

- *Global headquarters*
- *7,000 outlets*
- *Tyco-Amp CAT6 cabling system*
- *Pre-terminated solution*
- *Live installation over three floors carried out over three weekends*
- *Utilisation of 24 hour shift cycles to ensure the limited installation windows were achieved*
- *Rip out of existing cabling system*

## The client

Leading global private equity and investment advisory firm with a network of 19 offices across Europe, Asia and the USA.

## The challenge

As part of its expansion plans the client had undertaken a review of its existing occupied floors and decided that it needed to take on two additional floors in its current building.

The project required the cabling of the new floors and the re-wiring of its existing three floors to the same standard and specification of the newly occupied floors. Additionally, all existing cabling had to be removed.

The existing three floors remained occupied during the project which meant all work on these floors had to be carried out outside of normal working hours and could not result in any disruption to the users.

## The solution

The critical element of the project was working around the live environment on the client's three existing floors. Due to these constraints installation work on these floors could only be carried out during weekends which resulted in very limited installation windows.

Through a flexible approach to this project Excel I.T. proposed a program methodology that allowed each floor to be cabled and cutover in a single weekend while also removing the existing cabling system.

This was achieved through using a pre-terminated solution as this ensured that materials were kept to a minimum on site as well as reducing the time spent on site – attributes which are critical when working in live environments with limited installation windows.

Excel I.T. utilises an off site pre-termination facility ready for pre-termination where the cables are terminated in clean, controlled conditions by fully trained technicians.

On the installation weekends Excel I.T. implemented a project plan that allowed for engineers to be onsite 24 hours a day from 8pm on Friday night to 8am Monday morning so that all the work could be completed on time to ensure there was no disruption to the client.