



Connectix
Cabling Systems™



Case Study

Business Environment

Location

107 Cheapside London EC2V 6DN

Global Headquarters

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BUSINESS ENVIRONMENT



Business Environment provides services offices and work space premises for businesses across the UK. The group currently operates within 1,000,000 sq ft of work space across the South of England, with the majority being located in London.

The Business Environment ethos has always been focused on providing excellent value for money. Business Environment was first in its industry to supply an 'all-inclusive office product' packaging both serviced office space and IT & Telecoms into one low monthly bill.

Business Environment's latest project is the first serviced office space in London's Cheapside, providing stunning floor-to-ceiling windows for natural daylight within a cutting edge business centre. The offices are ideal for single person enterprises, shared offices, team offices and large offices.

Deploying the IT infrastructure is Business Environment's internal IT and Communications team. Business Environment has been a partner of Connectix Cabling Systems (CCS) for more than 8 years and the engineering team are certified CCS copper and optical fibre technicians.

The network within Cheapside consists of a total of 1200 Category 6 UTP floor box links, cabled back to the comms room which houses 3 x CCS Floor Standing ICT Cabinets 42U 600mm wide x 600mm deep (the main equipment racks). The Business Environment engineers neatly loomed the cables from under the floor into the rack to terminate onto CCS Cat 6 UTP High Density 24 Port Patch Panels. Also installed within the infrastructure are 6 Wi-Fi Access Points at in the ceilings and 42 Category 5e links for the door screen system. Spread across one floor, there are a total of 48 offices. The network telecoms system is a VoIP Mitel 3300 IP System and each work area has dedicated 1000Mbps data



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and voice transmission. At the core of the network are 6 x Cisco 3560G catalyst switches and the infrastructure aims to serve the clients internal LANs.

Business Environment's IT and Communications team started the infrastructure installation in November 2010 and has worked quickly, professional and efficiently onsite. Speaking upon completion of the network cabling, Neil Hammond (Communications Engineer) explains; “We arrived on site whilst other contractors were still completing their phases of installation and started our design by sectioning the building into areas and certain rooms. We lifted all the floor tiles for the cabling pathways and ran the cables in situ for terminating within the floor boxes and routed back at the Connectix Equipment Racks. The Connectix Cabling Systems High Density Patch Panels and

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LJ6C RJ45 modules are quick and easy to terminate and this installation has been signed off without any problems and perfect link passes. We were able to rely on Connectix for competitive pricing and quick and reliable deliveries to our site, making things easier from our project management prospective”.

The installation of the integrated voice and data network was designed and projected managed by Graham Hefferman of Business Environment, Graham has over 15 years of experience and prides himself on delivering projects on time and within budget.

All infrastructures Business Environment install are of the highest standard and built with the future in mind, the minimum UTP cabling they install is Category 6, whilst this is expensive it allows for the ever evolving world of Voice and Data.

The relationship formed with CCS over the past eight years allows me to tap into a wealth of infrastructure design and ideas. Simon Cooke, of CCS, has been invaluable in enabling Business Environment to deliver a number of projects on time and to budget.

Project Details

Products and Quantities:

1200 x CCS Cat 6 UTP LJ6C Modules
50 x CCS Cat 6 UTP RJ45 24 Way Patch Panels
3 x CCS 42U 600 x 600 Floor Standing Data Cabinets
42km of CCS Cat 6 UTP LSZH Cable

Project duration:

December 2010 - February 2011

Network Applications:

VoIP and Gigabit Ethernet.

For more information about Business Environment please visit www.beoffices.com



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