

## CASE STUDY

# NEW NETWORK FOR LBB LANDESBANK BERLIN IN LONDON

With the partner companies 2BM, G4 and Datwyler the London Branch of LBB Landesbank Berlin decided for a high-quality communications cabling and comprehensive data centre solution.



Landesbank Berlin AG is a universal bank with its headquarters in the German capital city since 1818. LBB's London Branch currently occupies five floors of the Crown Court building in Cheapside.

In summer 2011, Datwyler were asked to provide a comprehensive copper solution to replace the existing Category 5 communications cabling within these offices. Datwyler provided a Category 6/Class E cabling system using Uninet 7060 S/FTP copper cable and shielded RJ45 modules.

The building also houses a data centre which needed to be re-built, re-cabled and reduced in size. This involved the installation and cabling of eleven new data cabinets.

The network cable installation was carried out by G4 Networks Ltd., an experienced structured cabling contractor.

2BM Ltd, specialist for data centre design and build, carried out the overall data centre refurbishment.

This project involved new dedicated electrical power supplies, UPS backed distribution, new water chilled air condi-

tioning, fire rated walls, gas suppression and fire detection system, raised access floor alterations, network cabinets, environmental monitoring and general decoration. For LBB this project was a turnkey solution, a project which was programmed over several months and involved the installation and commissioning over copper links.

Some 20,000 metres of Uninet 7060 cable was used to install 1008 copper ports. Datwyler also provided 8-core Multimode fibre optic cable terminated onto a 1U fibre panel using LC connectors in the data centre.

The Datwyler solution paid for itself during installation: "This is the first project we have carried out where every single connector worked first time!" says Dave Allen, Director at G4 Networks.

Installation work was undertaken during the day and night to ensure LBB's business was not interrupted. Thanks to a 'live site' operation the Bank remained fully operational during the installation.

(November 2011)

