

Allianz Insurance – 60 Gracechurch Street, London

The Allianz Group is one of the leading integrated financial services providers worldwide. With approximately 152,000 employees worldwide, the Allianz Group serves approximately 75 million customers in about 70 countries. On the insurance side, Allianz is the market leader in the German market and has a strong international presence.

In fiscal 2009 the Allianz Group achieved total revenues of over 97.4 billion euros. Allianz is also one of the world's largest asset managers, with third-party assets of 926 billion euros under management at year end 2009.

In 2010 Allianz companies in the UK decided to consolidate their offices into one new relocation project at an eight-story building in the centre of London. Working with developers Knight-Harwood and project managers Buro4, Allianz appointed Capitoline to advise them on;

- Structured cabling to all 2000 desk positions on all floors
- Telecommunications rooms on each floor
- Main data centre serving the building and Allianz UK
- Audio Visual infrastructure

Structured cabling

Capitoline designed the 6000 outlet Category 6 cabling system complete with Cat6A and OM3 optical fibre backbone and supporting WLAN ceiling positions. Working with the cabling manufacturer and installer Capitoline provided technical design management and auditing of the finished site and test data.



Telecommunications Rooms

Each floor needed a dedicated telecommunications room, TR, to act as the interface between the backbone copper and optical cabling and the horizontal cabling to the desk locations. Capitoline sized the TRs on the basis of a full power over Ethernet (PoE) enabled VoIP telephone system to each desk location, LAN data configuration and ceiling mounted WLAN points. Capitoline calculated the air conditioning and power provision to each TR location.

At Capitoline we used our own extensive design database to arrive at the best design with additional help from the BICSI TDDM manual.



Main data centre

The building, and Allianz locations in the UK, needed a modern N+1 data centre to support the company's information and communications technology requirements. Working within the space allocated by the architect Capitoline calculated and designed the;

- Power supply
- Air conditioning system
- Optimal hot aisle/cold aisle layout
- Cabling interconnect

Capitoline provided ongoing and final inspection and audit services for the client.

Capitoline based the design on latest European and international standards such as BS EN 50173-5 and the TIA 942 standard.



Audio Visual services

Capitoline advised Allianz on the physical infrastructure requirements of a range of audio visual services that included;

- IPTV, including terrestrial/satellite distribution and messaging services
- Public address
- Audio and videoconferencing
- TV screen presentation and location
- Integration with special office furniture
- Smartboards and projectors
- Room control and booking systems



Capitoline used the international standards *PAS 122 Specification for the installation of audiovisual equipment in classrooms and general publicly accessible areas* and the *BICSI AV Design Reference Manual* to make sure that the overall installation was safe and met the client's expectations.

