

CASE STUDY

SETTING A NEW QUALITY STANDARD FOR OFFICE WI-FI AT THE POST BUILDING

AT A GLANCE

Solution Summary
Design and Installation of a new Wi-Fi Solution

Client
McKinsey & Company

Location
London, UK

Size
126,000 sq ft

Manufacturer
Cisco Meraki

BACKGROUND

The Post Building is McKinsey & Company's main building in London. Situated in Holborn, central London, The Post Building is a post-industrial building of epic scale and volume. It presents 33,000 sq ft of flagship retail, restaurant and gallery space and 263,000 sq ft of office space, 126,000 sq ft of which is let to McKinsey & Company colleagues based in London.

THE CHALLENGE

The Post Building fit-out was based around three core principles: encouraging greater collaboration with clients by providing space for co-working and collaborative events, smart use of technology to allow seamless secure virtual collaboration, and employee well-being to facilitate both creativity and peak performance.

Onnec was commissioned to ensure that McKinsey's new office was able to offer access to a great Wi-Fi connection and guarantee their overall service quality. The Wi-Fi network is used for video conference services and at times must serve a high number of users in the office meeting facilities.

OUR SOLUTION

In order to fulfil our client's need for a great high-speed Wi-Fi service experience, Onnec used Ekahau Pro to design the office's Wi-Fi network with a minimum -65dBm signal strength requirement throughout the building.

We used Cisco Meraki MR55 – Wi-Fi 6 – 802.11ax dual 2.4 and 5GHz bands for internal area and wrapped in black MR70 for external area. The Wi-Fi plan also took into consideration Wi-Fi capacity, the application usage requirements and high number of users in the facilities. After the planning phase, our team used the Ekahau Site Survey to check their Wi-Fi design viability by testing actual attenuation levels on site with AP on stick (APoS) survey. Once the installation was finished, they conducted a WLAN Validation Survey (aka post-install survey) to verify the network performance.