

CASE STUDY



STRUCTURED CABLING AND MASTER SYSTEM INTEGRATION FOR AI COMPANY'S NEW OFFICE

AT A GLANCE

Solution Summary
Design and Installation of the Structured Cabling Solution and MSI role.

Client
Deepmind

Location
London, UK

Size
180,000 sq ft

Cabling Manufacturer
Panduit

BACKGROUND

Deepmind, a British artificial intelligence company, were moving into their new flagship 11-storey building in Kings Cross, S2. As with all the new office buildings at the King's Cross redevelopment in London, S2 was designed with the latest technology to meet the BREEAM standard 'Outstanding'.

PROJECT DESCRIPTION

The role of Onnec was to design and install the Structured Cabling for the new construction. Our Structured Cabling Solution comprised of 11 floors, 2 MDF's, 8 IDF's, 2 MMR rooms 2 AV rack rooms and an AV server room. We implemented a fully diverse copper and fibre backbone infrastructure between all comms rooms.

The result was the successful delivery, on programme and to a world-class standard meeting global standard for GEN and AV installation. This could not have been completed without the outstanding team behind us, all working together with one goal in mind, from design to site management, and an excellent team of on-site engineers.

MASTER SYSTEM INTEGRATORS

Onnec was also tasked to be the MSI contractor, creating an IP open platform to integrate all building systems. The role of the Master System Integrator (MSI) was a critical element for the full harmonisation of the building's networks, ensuring smart automation of the building was both possible and effective.

As MSI experts, we managed the restructuring, testing and secure commissioning of the smart building networks. Our MSI experts coordinates and commissions the smooth operations of the separate data networks into one unified smart building solution. The result is a seamless integration of all third-party smart technologies into new and legacy BMS, providing realtime data and visualisation.