

Project: Leadenhall Building
"The Cheesegrater" - London

Client: Stadium Wireless / Broadgate

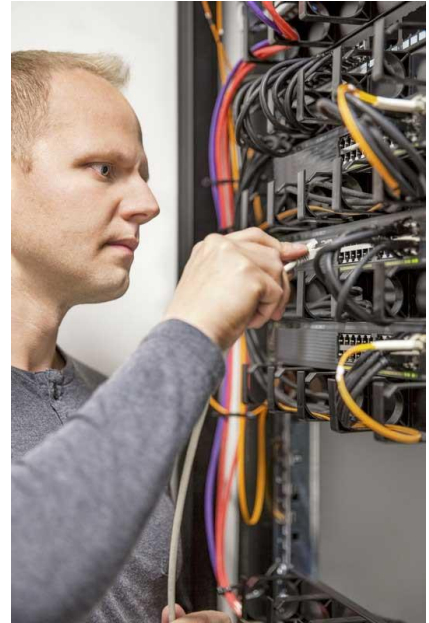
Sector: Offices

Duration: 5 Months



For the WIFI systems through the 50 floors and 4 Basements of the Leadenhall Building, NM Cabling installed the fibre optic backbones, localised copper cables and Wi-Fi units for the WIFI installation partner

The Wi-Fi was for the coverage of the maintenance engineers and support staff of the building. This involved the cabling having to also be installed on the outside of the building to cover the window cleaning staff



The Wi-Fi system was specified by XIRRUS and a total of 250 access points were installed.

Internal and external units with separate coaxial antenna's were installed. These were placed in the outer skin of the building where there was a suspended walkway around each floor up to the 45th



The challenge of the project was the sheer size of the building and having to work over so many floors for most of the installation.

Fibre cables had to run from the 3rd Basement to floors 15,30 and 45 which involved in the worst case scenario 48 riser doors to access and install through

The main communications room was based in the 3rd basement and supplied the 4 basement areas.

A combination of scaffold towers, scissor lifts and boom lifts were required to further enhance the complexity of the project



The outside public areas were also covered by the WI-FI installation so that employees, visitors and staff using the communal garden space could login in, learn about the building and access free internet services

If you have a WIFI system project or would like to learn more about Wireless or Data Cabling services [please get in touch.](#)



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