



Carrier Grade mobile connectivity in a highs spec serviced office

Case Study

Storey provides personalised working environments for businesses in great locations across London.

They needed a multi network coverage with a strong reliable mobile signal solution for their newly constructed building in Haggerston. Designed with sustainability in mind. Constructed from sustainable materials and cross-laminated timber, solar panels, smart LED lighting and BREEAM Excellent.

Business Needs

Storey's newly constructed building was visually a architects dream designed to a high specification and constructed from CLT and steel. Located in the heart of Haggerston consisted of 41,322 ft² over ground and 5 upper floors.

They needed to find a cost-effective solution before the building was open for public use.



Location

Located in the centre of Haggerston



Cost-effective

Storey require a cost-effective solution



Multi-Network

The mobile coverage needs to give visitors and employees multi-network coverage

The Problem

Storey discovered due to the construction materials used it created a barrier to the cellular coverage throughout the building resulting in very little mobile coverage.



The Results

The solution was installed by ZoneWave and overseen by the main onsite contractor, Parkery Ltd. Since deployment, mobile coverage in the building has vastly improved across all networks in areas where the signal was previously poor.



The Solution

When previously faced with poor in-building mobile connectivity, Storey turned to DAS systems but found it to be expensive, timeous to install and complex to manage. They were searching for an alternative, more cost-effective in-building mobile coverage solution which could support all networks.

Storey consulted Frequency to discuss the various options and requested that they perform a site inspection to examine the internal and external factors that would affect a Cel-Fi mobile signal solution. The survey revealed that despite the central location of the building, the modern and sustainable building materials used during construction prevented mobile signal to penetrate the lower parts of the building. It also confirmed that there was sufficient external signal that a working solution could be deployed.

The Cel-Fi Quatra was selected as the best solution as it provided remote management. The Cel-Fi Quatra can be connected to the corporate LAN which would enable Storey's IT team to access and manage the solution remotely.

Business Benefits



Improved Signal



Multiple Network Coverage



Full Mobile Coverage



Installed on time and within their budget

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