

Wireless backhaul delivers outstanding small cell connectivity in the City of London's complex and dense urban environment

The requirement

The UK's fastest free public Wi-Fi and 4G small cell network is in the world's number one financial centre: the City of London.

Reliable backhaul is essential.

The response

Based on a self-organising mesh architecture, CCS Metnet is quick to deploy, unobtrusive, easy to scale and offers high capacity and low latency coupled with high availability and resilience, robust synchronisation and lowest total cost of ownership. Metnet operates in a single frequency channel with no radio frequency planning required. Frequency reuse in the entire network is 1. Only one unit is required per site. There's no need for manual alignment. Each node supports multiple connections for higher resilience.

The reaction

Uptake of the service is high. Public feedback is positive. London can plan for its future as a 5G-ready, world-leading Smart City.



City of London



Winner

Excellence in Commercial Deployment
(Urban)

City of London uses wireless small cell backhaul from CCS to build UK's fastest 4G and Wi-Fi network

<https://bit.ly/2u3QAZw>



<http://scf.io/case/051>