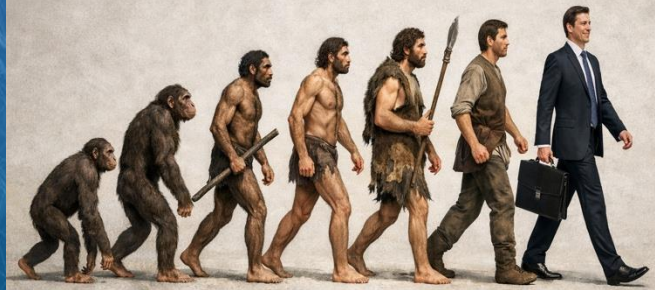




Case Study:
Wireless Access Point Refresh

Customer:
Natural History Museum



Overview

Quadraturetek was appointed to deliver a full refresh of the Museum's wireless network infrastructure across three sites. The project involved the installation and commissioning of over 380 Cisco Wireless Access Points (WAPs) supplied by the client, replacing existing units to enhance coverage, reliability, and speed across all operational and public areas.

South Kensington

- Installation of 306 Cisco WAPs, replacing existing units and fitting custom coloured covers in public spaces to blend with the heritage environment.
 - Relocation of 16 WAPs from riser cupboards to adjacent labs and offices in the Darwin Centre, including new steel conduit and data patching.
 - High-level installations completed by IPAF certified engineers using mast lifts.
 - Nighttime working within public areas to minimise disruption to visitors and staff.

Tring

- Installation of 45 Cisco WAPs, with bespoke brackets and covers fitted in public areas where required.

Wandsworth

- Installation of 32 Cisco WAPs, including equipment removal, reconnection, and verification.

Across all sites, Quadraturetek engineers recorded and supplied serial and MAC address data for full asset tracking by the National History Museum IT Department.

Challenges and Solutions

Operating within a live museum environment required careful coordination with facilities and IT teams. Nighttime operations and heritage building constraints demanded meticulous planning and adherence to museum conservation standards. Quadraturetek's experienced installation teams ensured all works were completed safely, on time, and without impact to visitor access or sensitive collections.

Conclusion

The completed project delivered a fully refreshed, high performance wireless network across all sites, significantly improving reliability and coverage for staff, researchers, and visitors. Quadraturetek's flexibility, attention to detail, and adherence to strict site protocols ensured a smooth transition with minimal operational disruption and no downtime during working hours.