

CASE STUDY

WIRELESS NETWORK UPGRADE SUPERCHARGES CONNECTIVITY FOR LEADING INSURER

Drawing on its expertise in electrical data networks and infrastructure delivery, Actemium partnered with sister company Axians to deliver a secure, high-performance wireless network for Covéa Insurance. The upgrade transformed connectivity across a complex, live office environment - improving user experience while minimising disruption and preserving the integrity of a Grade II listed building.

Sector: Commercial Buildings
Location: Halifax, UK

Expertise: Data Networks
Scope: Survey, Installation, Cabling
Infrastructure, Technical Support

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CLIENT & REQUIREMENTS

Covéa is an award-winning provider of both commercial and personal lines insurance. Following the consolidation of staff into a Grade II listed mill in Halifax, alongside evolving hybrid working practices, the business required a **secure, reliable and easily accessible wireless network** for their main offices.

The Dean Clough site accommodates over 800 staff across six floors, within a historic Victorian mill. While architecturally significant, the building presented ongoing challenges in delivering consistent, high-performance connectivity.

Sister company Axians was engaged by Covéa Insurance to upgrade the existing wireless network, with a focus on improving user experience and enabling more flexible ways of working.

The requirement was to deliver a robust wireless solution while:

- Maintaining business continuity in a live office environment
- Minimising disruption to staff
- Preserving the historic fabric and aesthetics of the building

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THE CHALLENGE

Delivering modern network infrastructure within a heritage environment required a carefully engineered and highly coordinated approach.

Key challenges included:

- Working within a live, high-occupancy office environment
- Preserving the architectural integrity of the building
- Upgrading infrastructure without impacting daily call activity
- Coordinating installation across multiple floors and comms rooms
- Ensuring consistent coverage and performance throughout the site

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THE SOLUTION

Working in close collaboration with Axians, Actemium delivered a fully integrated, future-ready wireless network infrastructure upgrade, designed to enhance connectivity. The solution included:

- A full **cabling survey across all six floors** to assess existing infrastructure and maximise reuse
- A **flexible installation strategy**, with night-shift working to eliminate disruption
- Installation of **54 wireless access points (WAPs)** with associated structured cabling
- Integration with upgraded **network switches and comms rooms (two per floor)**
- Installation of **bespoke bracketry and galvanised conduit**, ensuring visual consistency with the existing environment

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RESULTS AND CLIENT BENEFITS

The deployment of a Wi-Fi 6-enabled network allowed Covéa Insurance to adopt wireless as the primary access method for users moving forward, supporting modern, flexible working. The solution delivered a range of benefits to the client, including:

- **Enhanced connectivity and user experience** across all floors
- **Minimal disruption** to staff through out-of-hours delivery
- **Sensitive installation approach**, preserving the building's historic character
- **Improved network reliability and performance**

DELIVERY PARTNERS

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