Case Study

Networks are transforming BT's London HQ for smart space management

Challenge

Space usage visibility
Need to understand how the building is used, and which parts are occupied or not.

Workplace experience
Need to support workers in office as part of hybrid working protocol and ensure employee comfort and well-being

Actionable Insights
Want to use data to support operational functions and make operational cost savings.

What we delivered

400 Catalyst Wireless Access Points harnessed
One Braham's wireless infrastructure was harnessed and Cisco Spaces installed with 18 floors mapped covering 328,000 sq.ft.

Measured and validated occupancy data
Cisco Spaces is used to measure and report annonymised people count occupancy per floor in real-time. This was validated against the existing building security fob touch-in mechanism.

Analysis of occupancy data and trends to support facilities

Outcomes

95%
Accuracy of occupancy data measured against existing manual records

3K
People supported via changes to improve office working experiences by implementing floor layout/desk/rooms layout

Savings gained from:

- Powering down unused building floors during low occupancy days
- Adjustment of cleaning schedules aligned to building space usage

Benefits

1 Visibility of employee occupancy patterns per floor and zones for Facilities to support better

2 Re-style unused building areas for employee's needs and comfort to increase space usage

3 Data insights on space usage used to make savings in adjustment of building cleaning schedules

4 Increased employee usage of building areas

5 Contribution to digital workplace sustainability targets

BT