Modernising residential connectivity for Universities



Avoiding disruptions to teaching means university digital teams face short timeframes to make big changes to their network. Block worked with one UK university to make this achievable.

Block worked with a top UK university to modernise the wireless and wired infrastructure in student halls. The digital team deployed HPE Juniper Mist™ to establish a cloud-managed network, creating a home-from-home connectivity experience in a small delivery window.

8 days
for secure deployment during semester break.

52
Residential switches replaced.

495
Wireless access points replaced.

PHASE ONE

A cloud-managed network

The university and Block focused on deploying a modern, cloud-managed residential network during eight days of the Easter holidays. This included:

- Configuring the HPE Juniper Mist platform for better visibility.
- Integrating Juniper Mist with existing authentication systems.
- Installing two Juniper Mist Edge appliances.
- Replacing 52 residential network switches.
- Replacing 495 Wi-Fi access points across two residences.
- Testing, migrating, and supporting go-live.
- Delivering training and handover to the university's digital team.

PHASE TWO

Home-from-home wireless

We built on the cloud-managed network during the summer holidays by deploying high speed connectivity across 1,200 residential rooms. Now, students can securely connect multiple devices through a self-service onboarding portal, which quickly authenticates using university credentials. The result is a much better digital experience for students as well as stronger BYOD defences.

Faced with a small time window to make big changes?

We deploy network infrastructure in unmoveable delivery windows.



BLOCK