OXFORD
BROOKES
UNIVERSITY

• Upgraded network
infrastructure delivering enhanced
student services •

The Background

Set in a historic student city, Oxford Brookes is one of the UK's leading modern universities and enjoys an international reputation for teaching excellence and innovation as well as strong links with business and industry. Home to more than 2,500 staff and 18,000 students, it can trace its origins to 1865 when the former Oxford School of Art was established. The university was renamed in 1992 to honour its former principal, John Brookes. The university's School of Architecture is one of the largest in Britain.

Oxford Brookes is a customer of Daisy (formerly Alternative).

The Challenge

Due to rapid student and physical expansion, Oxford Brookes University required a solution that would meet this growth, whilst still be able to provide security, efficiency and cost savings.

The Solution

Daisy worked together with Oxford Brookes and Juniper Networks to propose a secure campus infrastructure solution with Juniper technologies that would encompass a single operating system, with high-performance security capabilities and technical innovation built for the future.

Following successful testing of Juniper's EX Series Ethernet Switches and SRX Series Services Gateways platforms, the EX4550 Ethernet switch was singled out as the most suitable foundation upon which to build the network. The EX4550 supports Juniper's unique Virtual Chassis technology, which enables up to 10 interconnected switches to operate as a single, logical device. This was installed together with the SRX3600 Services Gateway to ensure consistent, campus-wide security for multiple media types, as well as securing both wired and wireless communications.

In addition, Daisy and Juniper provided Juniper's Junos Space Network Director, which is a single tool for managing all wired and wireless network devices, users and services, eliminating the need for multiple applications to connect to the network. The Junos operating system also provides a unique advantage for Oxford Brookes as it reduces the operational costs of the network through simplification and provides a better total cost of ownership proposition.

The Result

With Daisy's dynamic service interface, Synapse, included in the solution, Oxford Brookes has complete visibility and control over the status of the network and is able to spot and react to faults through Synapse's unique fault reporting tool, helping minimise downtime and reduce costs. Daisy appointed a dedicated project manager who worked with Juniper Networks to ensure end-to-end accountability from initial planning to execution and ongoing monitoring.

Daisy also ensured that each step of the project met the requirements to deliver the desired business outcome. This new network infrastructure enables Oxford Brookes University to securely deliver advanced next-generation student services and online learning, as well as other corporate applications and services to its students and staff across the whole of the campus and outlying halls of residence. Daisy's solution safeguards the university's high-performance network goals, with new levels of security, availability, performance, and operational simplicity for use across the campus.

"Now, thanks to our partnership, we not only know that our campus infrastructure is secure and scalable, but we have a roadmap in product innovation and capabilities that will help us meet future network demands."

– Robin Breathe, CTO, Oxford Brookes University

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If you are a Daisy client and would like us to talk about your company and your experiences on our website, across our social media channels and in the press, simply email us at **pressoffice@daisygroup.com** with your company name and contact details and we will call you back.

NB: This is a service provided free of charge to our clients and we will include links to your business' website.