



# ***THE KING ALFRED SCHOOL***

## ***THE KING ALFRED SCHOOL SECURES DIVERSE LEARNING ENVIRONMENT WITH KHIPU NETWORKS***

Located on the edge of Hampstead Heath, North London, The King Alfred School (KAS) is a leading Co-Educational Independent Day School dedicated to fostering a vibrant learning environment for students aged 4-18. Founded in 1898, The King Alfred School boasts a rich history of child-centric learning, with a focus on the development of character and individuality being a central pillar of its philosophy.

## ROBUST, ADAPTABLE & SECURE NETWORKING

With so many pupils, ensuring a seamless educational experience in today's technology-driven world presented a unique challenge for the school's IT team. The school had taken the decision to embrace a **one-to-one learning strategy**, equipping students with a diverse range of devices depending on their age group - iPads for younger students, Windows laptops for middle schoolers, and a Bring Your Own Device (BYOD) program for senior grades –, all of which **demanded a robust and adaptable network infrastructure**. Additionally, the school's secure network infrastructure would need to cater to the varied needs of staff with various devices and operating systems further amplifying the overall complexity.

In addition to the challenges and deliverables specific to the network infrastructure, the school's IT Team **prioritised robust network security measures**, encompassing features like Corporate, Conference, and Guest Wi-Fi access, penetration testing, phishing simulations, and more. Balancing the demands of a diverse user base with stringent security protocols became a core objective for the school's IT department.

## THE SOLUTION

### FUTURE-PROOFED CAMPUS NETWORKING

Having been engaged with KHIPU as their trusted provider of cyber security and network infrastructure solutions and services for many years, The school's IT Team worked alongside KHIPU's specialists to devise a comprehensive solution which would address all of the identified challenges. **At the core of the solution lay the implementation of a secure HPE Aruba Wireless Network**, which would provide seamless Wi-Fi connectivity and ensure smooth operation for all devices

across the school campus. KHIPU's expertise extended to seamlessly integrating and supporting the broad range of devices, effectively eliminating any compatibility concerns.

**“THE SUPPORT THAT KHIPU PROVIDE IS TRULY REMARKABLE AND A RARE COMMODITY.”**

Understanding the criticality of security, KHIPU went beyond simply providing network coverage and capacity, offering a suite of security services, including penetration testing to identify and mitigate vulnerabilities, phishing simulations to educate staff and students about cyber threats, and network design expertise to ensure a secure and scalable network infrastructure. Furthermore, the implementation of HPE Aruba Networking Wave 6E infrastructure, the latest generation Wi-Fi technology, **bolstered the network's performance, capacity, and security, future-proofing it for the school's evolving needs.**

Centralized control of network access and enforcement of security policies for different user groups were achieved through the implementation of a Clearpass Policy Server. This powerful tool streamlined network management and ensured consistent security protocols across the entire network.

## OUTCOMES

# ***A DYNAMIC, TECHNOLOGY-DRIVEN EDUCATIONAL EXPERIENCE***

The school now boasts a secure and scalable network infrastructure that effectively caters to the needs of both its students and staff. **Reliable and consistent Wi-Fi connectivity empowers the school** to deliver on their one-to-one learning strategy, fostering a dynamic and technology-driven educational experience.

Moreover, KHIPU's proactive support minimises the IT burden, allowing the school to focus on its core mission of delivering a leading educational experience for its students.

The King Alfred School's success story serves as a testament to the transformative power of partnering with a trusted secure network infrastructure and cyber security solutions provider. By understanding the unique challenges faced by educational institutions and tailoring solutions to address their specific needs, KHIPU empowers schools to create secure and future-proof learning environments, laying the foundation for academic excellence and innovation.



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**WITH THE PLANNING, IMPLEMENTATION AND TIMELY DELIVERY OF OUR SOLUTION, WE ARE NOW MANY YEARS INTO OUR PARTNERSHIP WITH KHIPU SUPPORTING OUR ENVIRONMENT.**

**“IN TODAY’S WORLD OF HIGHLY DEMANDING NETWORK ENVIRONMENTS WITHIN WHICH 100% UPTIME IS SIMPLY EXPECTED, SUPPORTED INFRASTRUCTURE AND HAVING THE RESOURCE TO IMMEDIATELY TROUBLESHOOT UNEXPECTED OUTAGES AND SOFTWARE ISSUES IS INDEED ONE OF THE MANY AREAS WHERE KHIPU EXCEL.**

**“THE SUPPORT THEY [KHIPU] PROVIDE IS TRULY REMARKABLE AND A RARE COMMODITY TO FIND IN OUR INDUSTRY. FOR THIS REASON ALONE, SAFE IN THE KNOWLEDGE THAT KHIPU’S PROACTIVE APPROACH THROUGHOUT OUR ENVIRONMENT REMAINS AT THE FOREFRONT, THE PARTNERSHIP MOVES FROM STRENGTH TO STRENGTH AND WILL NO DOUBT CONTINUE TO DO SO. ”**

**Paul Williamson, Director of I.C.T Operations at The King Alfred School**

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**DISCOVER THE POWER OF  
KHIPU SECURE  
CAMPUS NETWORKS**