



ICT Network Uplift

Network and Gateway Security with Privileged Access Management Integration

CLIENT PROFILE

Since its foundation, Somerville House has epitomised the essential elements of an exemplary school: intellectual rigour, teaching excellence, a caring Christian community, a wealth of opportunities and a stimulating environment fostering innovation and growth. The strengths and wisdom of the past are retained, while preparing students to be confident and highly capable individuals of the future.

REQUIREMENTS

- Uplift capability, capacity and security of the School's current network infrastructure.
- Provide industrial strength network for five years, leveraging the current network.
- Deliver a world-class experience that includes infrastructure and vendor support.
- Enable complete network visibility of all users and devices to enhance staff and student user experiences, campus wide.

THE CHALLENGE

Somerville House is undergoing a digital transformation to enhance teaching and learning experiences. This project will deliver a robust and secure network infrastructure that serves as the foundation for the integration of new technologies, and supporting innovative educational initiatives.

OUTCOMES



Enhanced learning: Reliable access to digital resources.



Improved security: Protecting student data and privacy.



Future-ready: Supports innovation and evolving technology.

SOLUTION

The completed network infrastructure upgrade enhanced network security and user experience by integrating an Enterprise NAC solution with MS-Intune for cloud authentication. The solution was configured in a high availability mode, with a Zero Trust Network Architecture (ZTNA). This was implemented by enforcing access policies and enabling automatic certificate enrollment for BYOD devices. WPA3 SSIDs bolstered wireless security, with a secure cloud Network Management solution.

“Integrating an Enterprise NAC solution has streamlined our access control and bolstered security. The automated certificate enrolment for staff, student, and guests’ BYO devices allows us to improve network security and provide a polished and professional end user experience. This upgrade has not only modernised our network but also laid a solid foundation for the school’s growth and scalability.”

- Andrew Gardiner, Director of Technology Services



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