



CASE STUDY:

Ensuring external infrastructure remains secure and free from vulnerabilities

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## COMPANY & CHALLENGE

Situated in the heart of London, City of London School was founded in 1275. The School is renowned for its high level of achievement, excellent examination results, and impressive progression to top universities.

City of London School prides itself upon the diversity of its community, reflecting as it does the social and cultural breadth of London. The School provides day education to about 1,000 pupils aged 3 to 18 and employ approximately 1,000 teaching staff and around another 1,000 non-teaching staff.

As part of its Information Technology mission, modernising communications was vital for City of London School. The pace of technological change in the education sector offers opportunities for the School to develop its practice of excellence in teaching and learning. However, with this pace of change, City of London School are increasingly aware of cyber criminals and the risks associated. Protecting sensitive pupil data at City of London School has never been more important.

As part of an internal audit, Joe Matthews IT Manager identified testing as a key priority to ensure their existing systems are secure.

## S L TI

As part of the proactive drive to consistently optimise and validate the security strategy, City of London School turned to MTI Technology, a niche entity. City of London School engaged with MTI to conduct penetration testing on externally facing infrastructure such as routers, web and mail servers.

As a cloud-first organisation, City of London School understood the need to ensure their external infrastructure was secure. MTI understood City of London School's need to consistently optimise their security posture. Protecting and managing their data securely is a priority for the school.

Once testing was complete, an in-depth analysis was provided to ensure any high-risk aspects were identified and appropriately remediated. In addition, City of London School could make educated decisions on how to update their security posture based upon data produced from testing.

Optimising the existing security posture of existing IT systems could reduce the likelihood of an attack being successful. The clear, concise and easy to understand reports produced by MTI were also highlighted by City of London school as a key benefit to MTI's penetration testing service.

As a school, the aspect of security requires peace of mind, we need organisations like MTI to help and be a responsive and consultative security partner.

## ITS

- Mitigate data leakage risk
- Optimisation of security strategy
- Increased cyber-security awareness
- Auditory requirements achieved
- Actionable remediation post testing

## ABOUT RICOH

MTI was acquired by Ricoh in 2020 to grow its IT Services capabilities. Ricoh is empowering digital workplaces using innovative technologies and services, thus enabling individuals to work smarter.

With cultivated knowledge and organisational capabilities nurtured over its 85 years' history, Ricoh is a leading provider of document management solutions, IT services, communications services, commercial and industrial printing, digital cameras, and industrial systems.

Headquartered in Tokyo, Ricoh Group has major operations throughout the world and its products and services now reach customers in approximately 200 countries and regions. In the financial year ended March 2022, Ricoh Group had worldwide sales of 1,758 billion yen (approx. 14.5 billion USD).

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