Education is the key to True Cybersecurity

YARRA VALLEY GRAMMAR
LEVAVI·OCULOS

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Yarra Valley Grammar School

Kaspersky Lab Cybersecurity Awareness Training Platform highlights risks, encourages safe behaviors and promotes personal responsibility at Australian school

Education

- Located in Ringwood, Melbourne, Australia
- Using Kaspersky Lab Cybersecurity Awareness Training Platform

Home to 1,300 young people from just three to 18 years of age, Yarra Valley Grammar is set in extensive grounds in the suburb of Ringwood. Supported by 300 dedicated teachers and staff, Yarra Valley Grammar is in the top 10% of Victorian schools for academic achievement.

It has extensive links with parents, former pupils, community groups and friends, providing fundraising and volunteering support, and maintaining a strong sense of community through the "Yarra Spirit", nurtured since the school's formation in the Anglican tradition back in 1966.

Challenge

As the use of IT in education becomes ever more extensive and sophisticated, schools are increasingly vulnerable to highly-damaging cyberattacks.

Huge amounts of data – about school budgets and administration, staff members, pupils and their studies – can be targeted by cyber criminals, either for potential financial gain or simply to cause chaos in the classroom.

As well as utilizing a growing range and volume of online learning materials, in 2017 Yarra Valley Grammar introduced real-time, continuous reporting for students and parents, as part of its learning management system. Administrators and IT staff have been working hard to protect the school's IT network and assets from attack, carrying out infrastructure upgrades, penetration testing and revamping its email and web-filtering capabilities.

A key priority has been to improve the cyber security awareness of teachers and administrative staff, at a time when data breaches in Victorian schools have been increasing, phishing emails and other external threats are growing in sophistication, and new national data protection laws are fresh on the statute book.

Philip Callil, Director of IT and Digital Learning at Yarra Valley, says: "Cybersecurity awareness is an important consideration for us, so our objective was to increase our people's understanding of their obligations, to improve skills of detection and awareness of how they could be duped or inadvertently disclose sensitive information."

> "We were unanimous in our choice of the Kaspersky Lab Cybersecurity Awareness Training Platform. It's concise, informative, and attractively presented with high interactivity for all our staff with varying degrees of skill."

Philip Callil
Director of IT and Digital Learning
Yarra Valley Grammar School

Confidence
Cybersecurity training that employees value and trust

Security
More attacks are repelled as staff adopt safe behaviors

Awareness
Staff are motivated and more likely to take personal responsibility

Cost
Protection from the huge cost of the loss of data

The Kaspersky Lab solution

"We actively investigated cybersecurity awareness modules that would allow our staff to understand the implications of an increased reliance on the internet, email and network use," adds Callil.

"After careful evaluation of a number of programs, we were unanimous in our choice of the Kaspersky Lab Cybersecurity Awareness Training Platform. It's concise, informative, and attractively presented with high interactivity for all our staff with varying degrees of skill.

"We particularly liked the design of the modules and the fact that the element of gamification really encouraged engagement and involvement with the learning. Staff feedback has validated those conclusions with a high rate of completion and positive comments on the quality of the training.

"The diagnostics and administration console are excellent and we liked the dummy phishing campaigns to test our levels of security and our people's recognition of potential threats."

Attention to detail

"Statistically we have been doing well with lower volumes of cyber security issues by end users – there's no doubt that our awareness of threats and how to avoid them has increased but there's more work to be done – we have to be constantly vigilant and stick to best practice," continues Callil.

"While the modules are largely self-contained, Kaspersky Lab was very attentive to our requests for information for us to evaluate the program before decisions were made. The implementation of the system was very well handled and seamless with any questions or queries promptly answered.

1,300
students

230
teachers and staff

"We've already reviewed the program with Kaspersky Lab staff who have made very helpful additional suggestions for the next steps for staff training. Overall we're very happy with the attention to detail, courtesy and professionalism of their representatives."

More than 80% of all cyber incidents are caused by human error. But traditional training programs intended to prevent these problems are increasingly failing to achieve results.

Kaspersky Lab's family of online training products utilizes modern, interactive and gamified learning techniques and covers a wide range of security issues – from data leakage and ransomware to internet-based malware attacks, safe social networking and mobile security. It builds the desired behavior, motivation, values and habits for long-lasting success, creating an environment where everyone sees it as their personal responsibility to be cyber vigilant, at work and at home.

Expert analysis

HuMachine™

Machine Learning

Big Data / Threat Intelligence
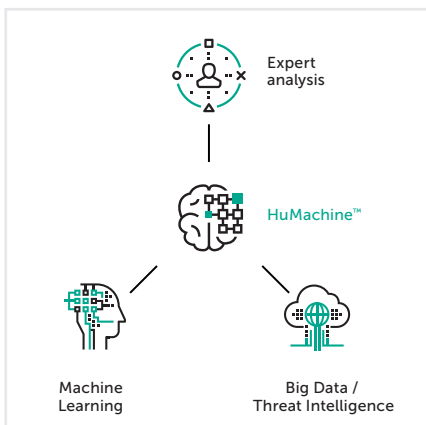
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