

Securing the Education Sector with Penleigh and Essendon Grammar School

At a Glance

Penleigh and Essendon Grammar School (PEGS), a prestigious multi-campus independent school in Melbourne, Australia, successfully improved its security posture and gained valuable insights into staff and student cybersecurity knowledge by implementing usecure's comprehensive platform.

Through the implementation of usecure's platform, Penleigh and Essendon Grammar School significantly improved its security awareness training program, reduced phishing vulnerabilities, and gained valuable insights into their human cyber risk. The school has successfully created a more secure environment for both staff and students, demonstrating a strong commitment to cybersecurity in the education sector.



Overall Human Risk Score was **reduced from 573 to 275** in just 12 days.



Staff and students **identified 99% of phishing simulations**, significantly **improving the security posture and awareness**.



Most courses completed in an average of **3 days** highlighting **efficiency in training** and **high staff and student engagement**.



Penleigh and Essendon
Grammar School



The school was looking to improve our security posture, decrease risk, and get insights into our staff and students' knowledge around cyber security.

About Penleigh and Essendon Grammar School

- **Founded** – 1977
- **HQ** – Melbourne, Victoria, Australia
- **Industry** – Education

The Challenge

Penleigh and Essendon Grammar School aimed to improve cybersecurity awareness and reduce risk for both staff and students.

The school needed insights into current cybersecurity knowledge and a strategy to address the overall human cyber risk within their community.

The Customer

Penleigh and Essendon Grammar School is a co-educational day school with campuses in Essendon, Moonee Ponds, and Keilor East, Victoria. Formed in 1977 through the amalgamation of two schools, PEGS has a rich history dating back to the early years of Melbourne. As a member of the Associated Grammar Schools of Victoria, PEGS is committed to providing high-quality education while ensuring the safety and security of its staff and students.

The Challenge

As a large, multi-campus educational institution, PEGS recognized the importance of cybersecurity awareness across all levels to protect its staff and students. They were faced with rising cyber risks, including phishing attacks and credential breaches, and wanted to ensure that all members of the school community had a strong understanding of cybersecurity principles. With compliance requirements also in mind, PEGS sought to implement a solution that could measure and reduce their overall human cyber risk while adapting to the specific security needs of both staff and students.

Shannon O'Brien, Director of ICT, explains: ***"We wanted a platform that could be tailored to our needs, allowing us to test and build security knowledge across our community effectively. With usecure, we can run phishing simulations, build security profiles, and gain meaningful insights."***

The Solution

After reviewing several options, PEGS chose usecure's platform for its ability to deliver tailored, automated cybersecurity training, phishing simulations, and breach monitoring:

- **uLearn: Tailored Security Awareness Training:** With uLearn, PEGS could provide tailored security awareness training that was automated, engaging, and adaptive to different levels of cybersecurity knowledge. By choosing from pre-built courses and customizing content to fit specific needs, PEGS ensured that both staff and students received training on critical topics like phishing, password hygiene, and compliance requirements (e.g., GDPR).
- **uPhish: Realistic Phishing Simulations:** To help PEGS strengthen resilience against phishing attacks, uPhish allowed the ICT team to conduct simulated phishing attacks in a controlled environment. These simulations were instrumental in identifying individuals who needed further training.
- **uPolicy: Streamlined Policy Management:** The uBreach tool empowered PEGS to proactively monitor for any staff or student credentials exposed in data breaches, allowing them to act quickly to protect against potential security risks.

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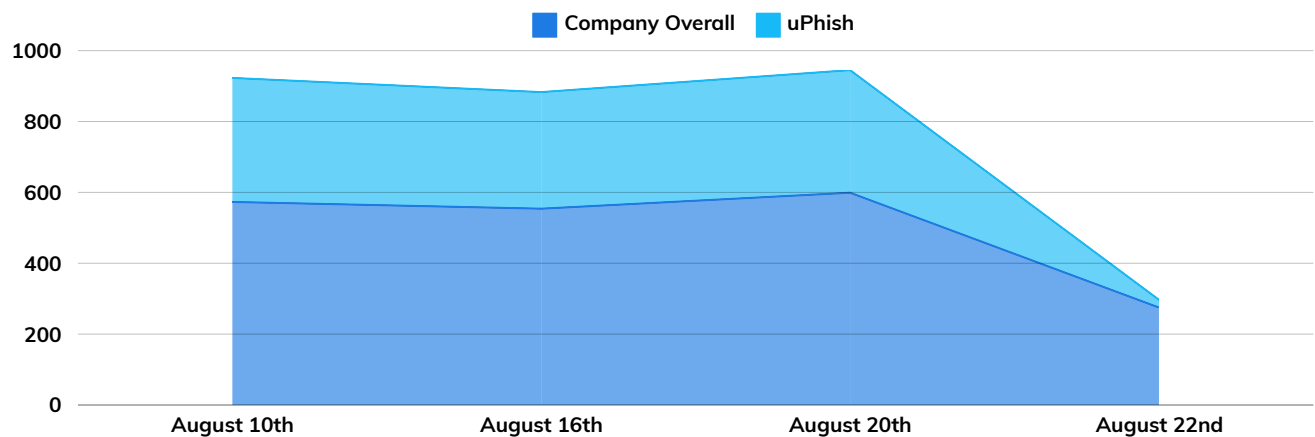
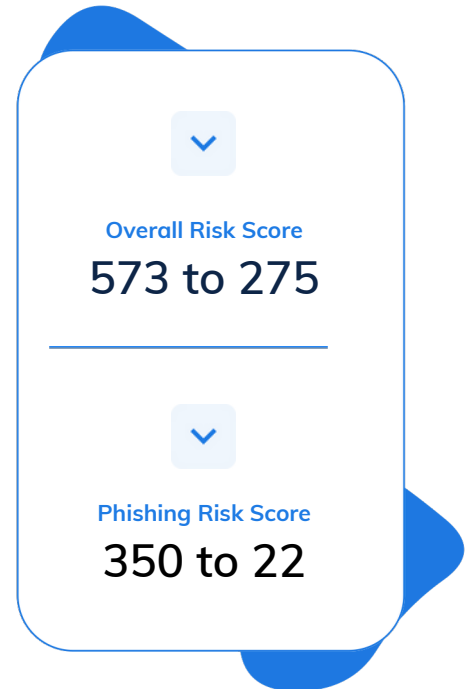
The selection of courses and phishing templates available, the ability to create your own courses and templates, saving time with automation features, understanding our human risk at a glance, and the variety of reports available on the platform.

The Results

PEGS rapidly achieved impactful improvements in cybersecurity awareness and risk reduction through the usecure platform.

Using usecure's platform, PEGS achieved strong outcomes:

- **Security Awareness (uLearn):** Average score of 91% across courses, with 80% completion and most courses completed in an average of just 3 days.
- **Phishing Simulations (uPhish):** Staff and students identified 99% of phishing simulations, reducing the rate of compromise to only 1%.
- **Breach Monitoring (uBreach):** 26% of users had breached credentials, providing valuable insights into areas for additional training.
- **Risk Score:** PEGS reduced its risk score by 52% in just 12 days, moving from 573 to 275, showing substantial improvement in security posture.



How They Did It

PEGS utilized usecure's pre-built and customized training modules, automated phishing simulations, and reporting features to create a tailored program that suited their community's specific security needs. The school's ICT team saved time with automation features and gained a clear view of their human cyber risk with accessible reporting tools.

Shannon O'Brien, Director of ICT at PEGS, highlights the benefits: **"The selection of courses and phishing templates, customization options, and automation features helped us address our unique needs. The platform's reporting capabilities allowed us to measure risk at a glance."**

Key Takeaway

By focusing on increasing staff and student awareness of cyber risks and understanding the overall human cyber risk of their workforce, PEGS has taken a proactive approach to cybersecurity. The implementation of usecure's platform has not only enhanced the school's security posture but also provided a foundation for ongoing improvement and adaptation to evolving cyber threats in the educational landscape.

91%	99%	3 days	300+
91% average uLearn score across all courses	99% success rate in resisting phishing attempts	3 days average course completion time from enrollment	Over 300+ diverse courses available on the usecure platform



Empower your people to prevent breaches

See usecure's award-winning Human Risk Management (HRM) solution in action.

Visit the link below to watch short on-demand demos:

<https://www.usecure.io/en/demo-centre>

