IMMERSIVELABS

FACT SHEET

IMMERSIVE INTELLIGENCE

CYBER THREAT INTELLIGENCE LABS

ABOUT IMMERSIVE LABS

Immersive Labs offers a unique approach to skills development by providing practical security labs, developed by experts and derived from world-class threat intelligence. The Immersive Labs platform reduces cyber risk by providing real-time and highly relevant content directly to the browser.

HIGHLIGHTS

- Real-time learning, with the latest threat intelligence on the platform within hours
- Turn threat intelligence into actionable, practical knowledge
- Execute the latest threats within a safe online environment

CHALLENGE

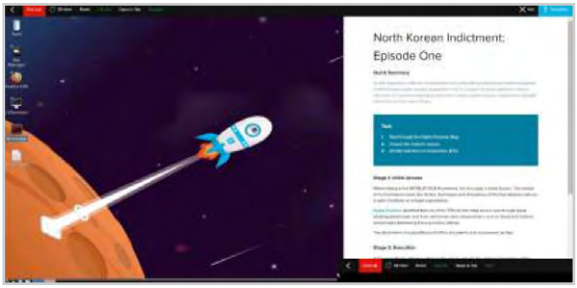
The cybersecurity threat landscape is constantly evolving. New security vulnerabilities are identified daily and attackers are relentless in their pursuit to exploit these weaknesses. Bound by law, ethics, and budget, cybersecurity teams often find themselves one step behind the criminals as they race to protect their systems.

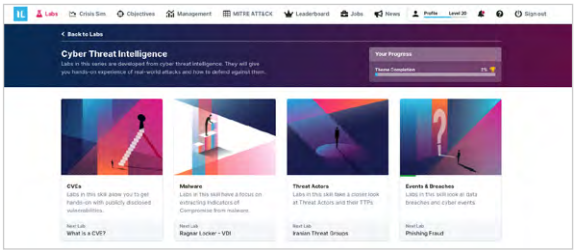
To reduce the likelihood and impact of a successful attack, businesses should invest in cybersecurity training. It has been shown that appropriately trained cybersecurity staff, combined with a comprehensive approach to risk management, will strengthen an organisation's defence. The number of successful breaches continues to rise, and industry experts maintain that major cyberattacks are a matter of 'when, not if'.

It is vital that cybersecurity teams maintain pace with attackers through continuous, adaptive learning. However, this cannot be delivered via classroom-based training courses, which are out of date soon after they are published. Immersive Intelligence is a cyber skills learning environment that delivers practical security labs derived from world-class threat intelligence, enabling security teams to learn about the latest threats efficiently.

THREAT INTELLIGENCE IN ACTION

Example of North Korean Indictment discovered by Digital Shadows – the market leader in Digital Risk Protection – and turned into practical labs by Immersive Labs.





PRACTICAL THREAT INTELLIGENCE WITHIN HOURS

Immersive Intelligence provides users with hands-on experience of emerging threats and zero-day vulnerabilities. Our experts turn the latest threat intelligence feeds, vulnerability research and security blogs into browser-based labs, enabling incident response teams to handle new and evolving threats in a safe environment.

Immersive Intelligence is based on real-world threat intelligence. It is an engaging platform where executives can prepare for business impacts while technical staff use the MITRE ATT&CK® framework to understand the most relevant attacks and techniques.

Labs are created within hours of new threats being identified, reducing users' Mean Time to Learn and enabling them to apply new skills immediately. This increases preparedness and drastically reduces the chance of compromise. This adaptive approach to learning levels the playing field between attacker and defender for the first time, reducing cyber risk for businesses.

HOW IMMERSIVE INTELLIGENCE WORKS

OUR PARTNERSHIP WITH DIGITAL SHADOWS

Immersive Labs has partnered with several global cyber threat intelligence providers, including Digital Shadows (www.digitalshadows.com). Examples of Immersive Intelligence labs co-created with Digital Shadows include the following:

- Learn how North Korean hackers broke into the entertainment, energy and banking industries, and investigate their techniques using real tools and capabilities
- Experience how threat actors carried out the credit card-stealing Magecart attacks, and learn how to defend against them
- Look at the practical implementation of the Australian Signals Directorate's 'Essential Eight' controls to defend against sophisticated techniques in use today
- Discover how credential theft is carried out, and learn the common tools and approaches employed by attackers to maximise their success in breaching targets

Immersive Labs is the world's first human cyber readiness platform.

Our technology delivers challenge-based cybersecurity content developed by experts and powered by the latest threat intelligence. Our unique approach enables businesses to battle-test and evidence their workforce's preparedness to face emerging cyber threats.