Lumen's Cybersecurity Resilience Strategy

See More, Stop More

With rapid changes in the security threat landscape, we are no longer asking "IF" an organisation will be hacked, but "WHEN" they get hacked. Not forgetting that attackers are getting more sophisticated, creating attack vectors faster than one can resolve.

Lumen Connected Security practice is built on the mission statement of "See More, Stop More". Optimising use of technology with skilled and experienced Security Advisory Consultant (SAC), Lumen aims to augment your internal IT/cybersecurity function in delivering security advisory services that identify areas of needs and develop strategies to remediate gaps within your risk appetite.

Common business challenges:

- Keeping on top of rapid cybersecurity landscape changes with Managed Security Services.

- Compliance to statutory, regulatory and/or contractual requirements that requires compliance to various frameworks and standards.

- Unprepared when a cybersecurity incident occurs and regulatory reporting requirements.

- Uncertain of supply chain risk.

- Budget restrictions for cybersecurity resources.

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1. Managing Cyber Supply Chain Risks

The reliability of the supply chain has been significantly impacted since the start of the pandemic, the recent Ukraine war and the discovery of significant zero-day vulnerabilities used by government-supported cyber criminals. Supply chain risks are inherent throughout organisations from upstream stakeholders to downstream third-party and fourth-party. Leveraging the Smart Cyber Risk Management Platform powered by our technology partner, Secure Forte, we enable our clients to gain oversight of the supply chain risk.

SECURE FORTE
ADVANCEMENT THROUGH CYBER RESILIENCE

Patented SaaS solution with built-in intelligence that automatically verify responses, reducing review time and enhancing review focus.

Enable focus of the organisation's supply chain risk profile on one platform through:

- Cyber Resilience Platform; and
- Vendor Risk Management Platform.

The Cyber Resilience Platform offers:

- A strategic approach to security improvements, management and oversight.
- Comparison against various standards and frameworks, reducing the pain of consolidating different compliance obligations.
- Security oversight of all crown jewels with their own unique security posture and risk and threat profiles.

- Sharing of various aspects of assessment reports with upstream customers in the growing requirements for right to audit.
- Collaboration with your organisation through guidance notes and videos.

The Vendor Risk Management Platform offers:

- Assessment of third and fourth-party suppliers.
- Identify, profile and assess your suppliers based on their business sensitivity and level of access to sensitive data.
- Leverage comprehensive assessment libraries covering Cybersecurity, Privacy, Compliance and Quality Management.
- Proactive monitoring of suppliers' risk status by using threat intelligence feeds.

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2. Keeping on top of rapid cybersecurity landscape changes with Managed Security Services

At the core of our Managed Security Services portfolio is the Security Log Monitoring (SLM) service. SLM provides real-time log analytics, correlation and threat detection service from our 24x7 SOC with a multi-tenanted SIEM, to identify indicators of compromise or attacks, security threats or compliance violations.

We complement SLM with User & Entity Behavioural Analytics, which leverage on user activities' baselines to identify risky and suspicious activities, including insider threats, lateral movements and data exfiltration.

Lumen's Global Security Presence

London, UK   Poland

US.
St. Paul, MN,
Broomfield, CO,
Littledon,CO,
Phoenix, AZ

Bangalore,
India

Singapore

Buenos Aires,
Argentina
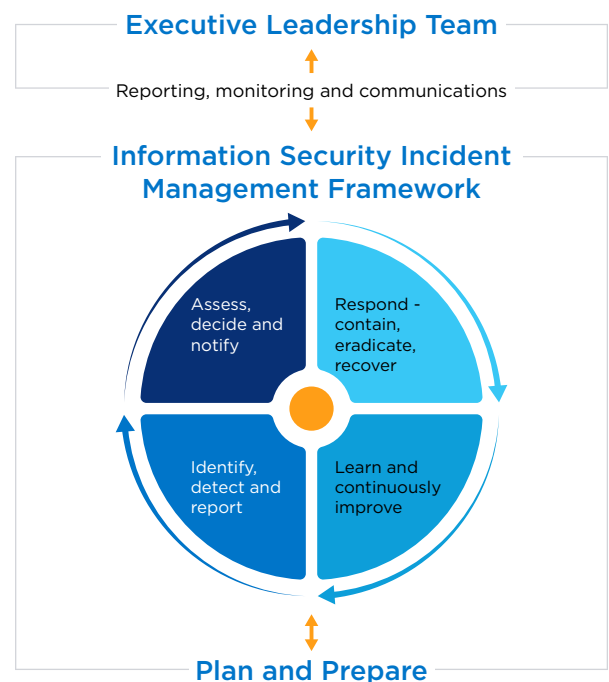
Melbourne,
Australia

SOC

3. Preparing to respond to cybersecurity incident

The ability to respond depends on how well we prepare.

An attacker can hide within your network or cloud applications for days, months or years before being discovered, and it often takes a third party to make that discovery. The damage inflicted in that time can result in devastating costs, loss of goodwill and long-term damage.

Lumen assists clients to prepare for cybersecurity incidents, minimise negative consequences and promptly restore operations following an incident. We follow a framework guided by the ISO/IEC 27035:2016 Information Security Incident Management and NIST SP800-61 Rev 2 Computer Security Incident Handling Guide.

Whether you want to develop a comprehensive incident response plan, playbooks and test it through coordinated tabletop exercises, minimise the cost and destruction that result from an incident, or you're concerned that you've been breached and do not know it, our incident response experts are ready to help. With our proven, methodical and evidence-driven approach, we will keep you in control of whatever chaos an incident may bring.

Executive Leadership Team

Reporting, monitoring and communications

Information Security Incident Management Framework

Assess, decide and notify

Respond - contain, eradicate, recover

Identify, detect and report

Learn and continuously improve

Plan and Prepare

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About Lumen

Lumen is a multinational technology company that enables companies to capitalise on emerging applications and power the 4th Industrial Revolution (4IR). This revolution is redefining how we live and work, creating an unprecedented need for an advanced application delivery architecture—designed specifically to handle the complex and data-intensive workloads of next-gen technology and businesses.

We integrate network assets, cloud connectivity, security solutions and voice and collaboration tools into one platform that enables businesses to leverage their data and adopt next-generation technologies.

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Jongno, Seoul
Korea

Why Lumen?

Partner with Lumen to build an effective managed security program that helps reduce your risk exposure and ease resource constraints. With our combination of in-house solutions, skilled people and extensive networking, cloud and managed services experience, we can be your single provider to augment and optimise your security team.

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