

# Lumen Security Services

Unifying Connectivity and Security for Proactive Cyber-Resilience

Modern cyber threats have outgrown traditional fragmented security measures. Organisations need to step up by unifying their security and network capabilities to ensure robust protection, especially in today's AI-powered rapidly changing threat landscape. With this alignment, organisations have a holistic and agile approach towards tackling threats even before it reaches your network perimeter.

As a Tier 1 global communications solution provider and managed security services provider, Lumen delivers unified and comprehensive solutions to secure your digital environment. With 8 global Security Operations Centres across the world and proven technology expertise, we have enhanced the network and security resilience of over 2,500 clients across the world.

## Professional Security Services

This practice focus on deploying tailored solutions, integrating them within existing infrastructures, ensuring compliance through assessments and testing, and providing strategic guidance to enhance overall security posture.

## Managed Security Services

This practice provides ongoing threat detection & response, managed services and support for security technologies, allowing businesses to focus on their core operations while having a team of experts takes care of their cybersecurity.

## Network Security Services

Simplify and secure enterprise networks with greater control and visibility with our award-winning bespoke/managed SASE solutions, and Cloud Connect services for secure, seamless, high-performance virtualised networking to leading public and private clouds.

## Black Lotus Labs Advanced Threat Intelligence

Leverage Lumen's Threat Research and Operations arm for unmatched network visibility to automate protection, threat hunting and mitigation.



“Clients value Lumen for its comprehensive MSS, including managed infrastructure and SIEM, which provide robust protection and real-time monitoring of security events. Clients appreciate Lumen for its proactive security monitoring and its ability to tailor solutions to meet industry-specific needs.”

— IDC MarketScape  
Asia Pacific Managed Security Services 2024  
Vendor Assessment

LUMEN®

# Lumen Security Services

Lumen's cybersecurity expertise is organised into two distinct practices: Professional Security Services (PSS) and Managed Security Service (MSS). Each practice enables us to deliver a wealth of knowledge and experience as a single trusted partner.

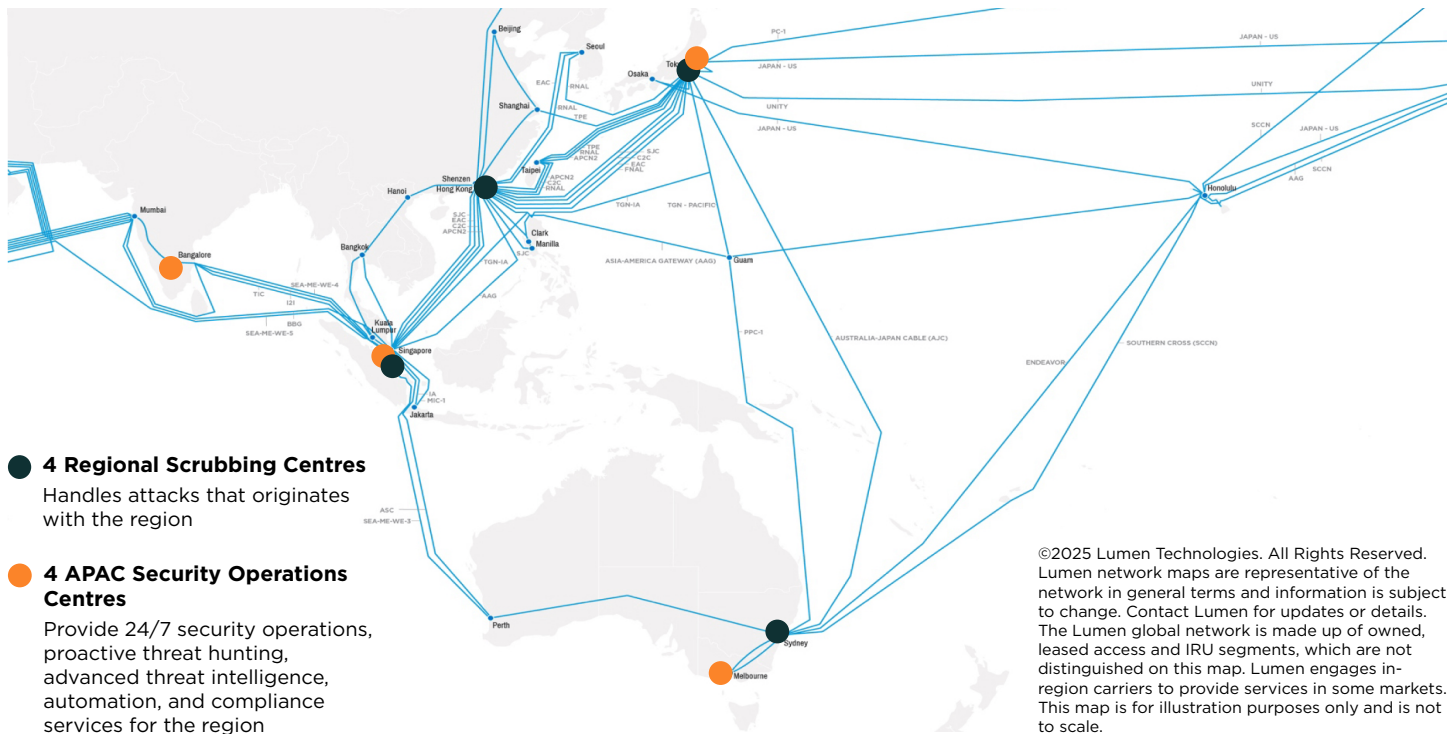
	Services	Benefits
Professional Security Service	<ul style="list-style-type: none"><li>• <b>Implementation/Life Cycle Services:</b> Deploying tailored solutions in collaboration with technology partners, leveraging our extensive network, and security experience to ensure the successful deployment, management, and continuous improvement of security solutions</li><li>• <b>Integration Services:</b> Create seamless and cohesive defense in depth by incorporating security solutions within an organisation's existing infrastructure</li><li>• <b>Compliance/Red Teaming Services:</b> Assisting clients with network, web &amp; mobile application assessment and testing according to various testing methodologies to ensure organisations meet regulatory requirements and effectively test their security defences</li><li>• <b>Advisory Services:</b> Help clients navigate the complexity of cybersecurity landscape by delivering strategic guidance, risk management, compliance support, and continuous improvement to enhance security posture</li></ul>	<ul style="list-style-type: none"><li>• <b>Advanced Expertise:</b> Specialised knowledge, extensive experience, and industry certifications</li><li>• <b>Enhanced Security Posture:</b> Elevate security posture through targeted security measures and safeguards to systems, people, data, and policies</li><li>• <b>Comprehensive Risk Management:</b> Proactive identification, assessment and mitigation of potential threats and vulnerabilities with continuous monitoring, and compliance support extending to Supply Chain/Third Party risk management</li><li>• <b>Stakeholder Confidence:</b> Demonstrating a robust and proactive approach to managing cyber risks, ensuring data protection, regulatory compliance, and business continuity</li></ul>
Managed Security Services	<ul style="list-style-type: none"><li>• <b>Advanced Managed Detection and Response:</b> Combining cutting-edge XDR technology, threat intelligence, and 24/7 world class security operation to detect, investigate, and respond to threats from various attack vectors across your ecosystem</li><li>• <b>Exposure Management Service:</b> Designed to proactively identify gaps in your environment and build a comprehensive cybersecurity strategy that allows continuous visibility to your security posture, risk-based prioritisation of vulnerabilities and threat exposure, incident response, and compliance support</li></ul>	<ul style="list-style-type: none"><li>• <b>24/7 Security Operations Centre (SOC)</b> for always on security monitoring, real time threat detection/containment, and incident response support</li><li>• <b>Advanced Detection:</b> AI-based detection and mapped to MITRE ATT&amp;CK® Framework<sup>1</sup></li><li>• <b>Incident Response:</b> Digital forensics and rapid incident response, ensuring swift action during a breach</li><li>• <b>Proactive Risk Management:</b> Regular assessments and checks to ensure potential vulnerabilities are addressed before they become a problem.</li></ul>

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## Lumen APAC DDoS scrubbing centres and SOC

Lumen has a robust infrastructure in APAC, which includes four DDoS Scrubbing Centres designed to mitigate Distributed Denial of Service (DDoS) attacks, ensuring secure and reliable performance for our clients. The scrubbing centres help minimise latency by handling attacks locally and escalating them to regional or super centres if the attack size exceeds certain thresholds.

In addition Lumen operates four of its eight global SOCs in APAC. They are equipped with advanced features like Security Information and Event Management (SIEM) and Security Orchestration, Automation, and Response (SOAR) to ensure comprehensive security coverage.



## How we can help

Recognised by industry analysts as a major player in APAC Managed Security Services, Lumen offers a single point of accountability to provide integrated network and security solutions. By helping our clients transition from reactive defence to proactive security, we deliver the outcome you need.

- From Guarding the Gates to Threat Hunting at Source: Detecting and neutralise threats before they enter your network
- Network and cybersecurity experts working in concert to ensure you remain agile, efficient, and resilient
- Tailoring unified network and security solutions to meet your industry-specific needs
- Visibility and threat intelligence powered by Lumen's Black Lotus Labs to stay on top of emerging threats

## We see more, so we can stop more

- We monitor ~46,000 C2s, ~200+ Billion NetFlow sessions and >1Billion DNS queries daily to stay on top of emerging threats
- We mitigate ~120 Distributed Denial of Service (DDoS) attacks mitigated daily
- Execute over ~150 C2 disruptions per month through takedowns and notifications
- #1 peered global network<sup>2</sup> allows for unmatched network visibility to track and block threats before they escalate

## About Lumen

Lumen Technologies is a global communications and technology services provider that ignites business growth by connecting people, data and apps — quickly, securely and effortlessly. Headquartered in the United States, we are a public listed company of 28,000 employees globally with 3,000 of them based out of Asia Pacific.

Our capabilities allow us to offer key offerings in the following areas:

- **Networking:** We provide a range of network solutions, from dedicated internet access and Ethernet services to software-defined WAN and global IP VPN. Our network is built on a secure, reliable, and scalable infrastructure that spans across the globe. In APAC region, our 233K kilometers of leased fiber, including subsea, connects our 44 Network POPs across 23 cities in 14 countries.
- **Cloud:** We enable clients to access, manage and optimise their cloud resources from various providers through our Cloud Connect and Cloud Application Manager platforms. We also offer edge computing solutions that bring the cloud closer to the end users, reducing latency and improving performance.
- **Application Modernisation:** We help clients transform their legacy applications into modern, agile, and scalable ones that can run on any cloud or platform. We leverage our expertise in DevOps, microservices, containerisation, API management and orchestration to deliver faster and better outcomes.
- **Security:** We protect clients data and assets from cyber threats with our comprehensive portfolio of Advanced Managed Detection & Response (A-MDR) service, DDoS mitigation, Secure Access Service Edge (SASE), threat intelligence and more. Four of our eight Global Security Operations Centres are in Asia Pacific, namely in Tokyo, Singapore, Bangalore, and Melbourne. Our cybersecurity consulting and advisory services allow us to proactively help elevate our clients' security posture, meet their compliance needs and to implement their security strategies.

These capabilities allow us to serve clients across various industries and sectors, such as financial services, healthcare, manufacturing, retail, education, government and more. We are committed to delivering customer-centric solutions that meet the unique needs and challenges of each business. We believe that with Lumen, anything is possible.

