

Penetration Testing

The global threat landscape is evolving as rapidly as today's digital businesses. With each passing day, we see increasingly sophisticated attacks from malicious actors such as hacktivists, cybercriminals and nation states. Organizations of all sizes across every industry are wrestling with how to secure the expanding network perimeter given the explosion of endpoints being driven by mobility and the internet of things.

There has never been a more critical time for business leaders to evaluate their changing security postures with a comprehensive Penetration Testing Program (PT).

Lumen delivers more than just compliance support

PT services from Lumen empower customers to do more than simply check a box for compliance purposes. We empower customers to bolster their security postures against future threats through a broad set of solutions ranging from extensive vulnerability scans to targeted and complex manual hacking or social engineering attacks across applications, AI/LLM systems, APIs, networks, business facilities and employees.



Our team is your team

Our security team is comprised of certified ethical hackers and experts with decades of experience who work tirelessly to identify critical vulnerabilities and provide detailed remediation plans and support services to help reduce and remove risks within customers' IT environment and employee base.

Certified ethical hackers and security experts

Qualified experts leverage the same tactics, techniques and protocols of today's most sophisticated threat actors to assess the effectiveness of customers' current security controls.

Visibility as an advantage

Business leaders gain important visibility into the vulnerabilities and risks most likely to be exploited against their organizations.

Consultation and guidance

Each assessment and testing program includes practical recommendations on how best to remediate risks and harden applications, websites, IT infrastructure and internal social engineering targets against current and future threats. Customers can also request additional consultation to assist in implementing guidance to help further reduce the risk, cost and time associated with addressing identified vulnerabilities.

Key benefits

Comprehensive vulnerability assessment and penetration testing program

Lumen provides vulnerability scanning and in-depth penetration testing of customer applications, AI/LLM systems, networks (including Wi-Fi), APIs, devices, and employees.

Packages designed for wide-ranging customer requirements

Various PT packages are available to accommodate each customer's unique IT, budget and scope requirements.

Refined methodology frameworks

Lumen testing methodology is aligned to the National Institute of Standards and Technology (NIST) and Open Web Application Security Project (OWASP) standards which are designed to support compliance, regulatory requirements, and industry best practices. Our solution is designed to reveal the critical vulnerabilities most likely to be exploited based on a customer's unique business, industry, customer base, geography and financial position.

Extensive security expertise

The Lumen network of certified security experts is comprised of professionals with decades of cybersecurity, vulnerability assessment and penetration testing experience, including thousands of customer assessment and testing engagements delivered.

Why choose Lumen for professional security services?

Custom security solutions are available where, when and how you need them

Lumen Professional Security Services are designed to meet customer needs. We can perform testing on short notice and deliver results through one-time reports or as part of broader cyber risk management programs.

Defense-in-depth protection

Lumen PT services can be paired with other Lumen security and networking solutions, such as DDoS Mitigation and SD-WAN, so your business can implement an integrated defense- in-depth secure network strategy.

Consultation on your terms

Lumen security experts provide both tactical and strategic services to augment your staff where expertise is most needed.

Why Lumen?

Lumen Professional Security Services extend our vast network of security expertise through hands-on support for organizations battling limited or overtaxed resources so you can refocus your highly specialized security staff on what's most important to your business.

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