Managed Security Testing

Frictionless security testing

KPMG Cyber Managed Services

The challenge

Threat actors are constantly changing their tactics to breach organizations, and ad-hoc testing is not sufficient to keep pace with the evolving threat landscape.

The need to test continuously strains the resources of most organizations as they struggle to find talent that holds the niche skills necessary to accurately emulate adversaries across a wide range of attack vectors.

82%

CEOs rank cybercrime and cyber insecurity at the top of the near and long-term risk radar.

KPMG 2025 KPMG US CEO Outlook

Some common challenges facing cyber leaders:

AI adoption:
Rapid AI integration introduces new vulnerabilities without oversight.

Rapid innovation:
App developers are tasked to innovate faster, adding complexity.

Talent:
Organizations struggle to find talent needed for testing at scale.

Remediation:
Organizations still fail to meet remediation SLAs, increasing risk exposure.

67%

Two out of three organizations report a lack of essential talent and skills to meet their security requirements.

World Economic Forum Global Cybersecurity Outlook 2025

The KPMG solution

KPMG Managed Security Testing (MST) helps companies master the complexity by covering the full spectrum of security testing, from program design to daily operations, to deliver tangible value.

Our processes are designed to create a frictionless experience, even in the most complex environments that require various testing types across the enterprise.

Key features

— Volume-based subscription model allowing predictability for the business
— End to end program management
— Weekly status updates and touchpoints
— Monthly Ask-Me-Anything (AMA)
— Quarterly business reviews focused on performance and peer benchmarks
— Scalable capacity to fit evolving needs

Application security testing

AI security testing

Managed Security Testing

Cyber defense testing

KPMG MST turns complexity into a secure, efficient, frictionless experience

KPMG Managed Security Testing capabilities

Application security testing
- > Web application penetration testing
- > API testing
- > Mobile application testing
- > Thick client testing
- > Application architecture review
- > DAST/SAST/SCA

AI security testing
- > LLM penetration testing
- > Agentic AI testing
- > Holistic AI red teaming

Cyber defense testing
- > Internal/external network testing
- > Scenario driven testing
- > Red/purple team exercises
- > Social engineering
- > Automated penetration testing
- > Network vulnerability scanning

KPMG Managed Security Testing is part of a broad suite of Cyber Managed Services.
These fully managed offerings — powered by AI, automation, and leading technologies, and backed by our skilled teams — provide the security, confidence, insight, and visibility you need to help fortify your enterprise digital defenses.

Managed Identity Services

Managed Cyber Risk

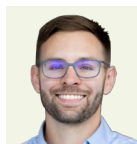**Managed Security Testing**

Cyber Threat Management

To learn how you can benefit from KPMG Managed Security Testing or any of our other Cyber Managed Services offerings, get in touch.

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