Managed Penetration Testing

Reduce your risk of a breach by identifying and exploiting business-critical vulnerabilities with on-demand penetration testing expertise

Overview

The roles of today's security professionals and software developers have become multidimensional. With their increased responsibilities, they must do more in less time, all while keeping applications secure. Penetration testing is an essential part of application security testing, but what if your team lacks the resources or skills to apply pen testing effectively across your full application portfolio? Synopsys Managed Pen Testing enables you to address exploratory risk analysis and business logic testing so you can systematically find and eliminate business-critical vulnerabilities in your running web applications and web services, without the need for source code.

Key benefits

- **Flexibility.** Our on-demand, easy-to-use portal empowers you to manage your assessments. Schedule tests, set the desired depth of testing, and make modifications as business requirements change and threats evolve.
- **Coverage.** Test applications you might miss owing to resource constraints.
- **Consistency.** Get the same high-quality pen testing results all the time for any application.
- **Enablement.** We walk you through your test results and help you develop a remediation plan best suited to your needs.
- **Scalability.** We provide scalable pen testing delivery through our Assessment Centers without compromising manual reviews.
- **Comprehensiveness.** Our blended manual and tool-based assessment approach includes a thorough analysis of results, detailed reporting, and actionable remediation guidance.

Our security experts dedicate additional time and effort to explore business logic testing

Get access to the resources you need to scale at speed

Keeping your applications secure calls for continuous access to the people, processes, and technologies that make it possible to scale efficiently and scan with speed. Our Managed Pen Testing assessments give you the testing flexibility, scalability, and cost-effectiveness to deliver the application testing coverage required to achieve your risk management goals. Through our Assessment Centers, you'll have continuous access to teams of security testing experts with the skills, tools, and discipline to analyze your applications anytime. You can close testing gaps, conduct testing at any depth, and quickly scale to manage high-demand testing periods.
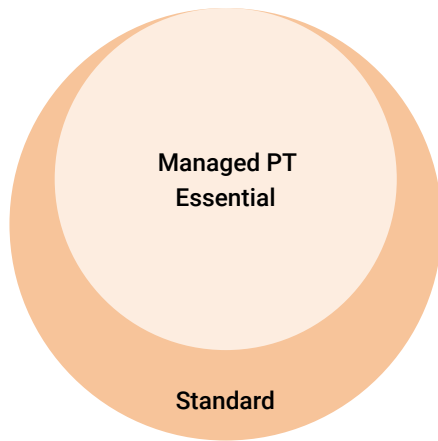
Choose from 2 depths of Managed Pen Testing

Managed Pen Testing extends Managed DAST by using a variety of testing tools and in-depth manual tests focusing on business logic to find vulnerabilities outside a canned list of attacks (e.g., OWASP Top 10). We offer multiple depths of pen testing assessments so you can tune the level of testing based on the risk profile of each tested application.

Managed PT–Essential

Includes automated scans as well as thorough manual testing to identify high-risk vulnerabilities in web applications and web services. Focuses on exploratory risk analysis, such as anti-automation, complex authentication and authorization checks, access control testing, validation and encoding checks, logging and monitoring, and secured files and resources.

Managed PT–Standard

Expands Managed PT–Essential with additional testing time and effort to explore business logic testing, which covers attacks outside a canned list or that may not have been considered otherwise, such as business logic data validation, workflow bypass, integrity checks, and race conditions. Includes a manual review to identify false positives and a read-out call to explain findings.

Focus on actionable solutions

We'll never leave you with a laundry list of bugs. At the end of each assessment, our experts will conduct a read-out call with the appropriate development/security team to review each vulnerability we identified during the assessment, answer your team's questions, and discuss actionable mitigation and remediation strategies.

Managed PT Essential

Standard

Ready to get started?

The Synopsys difference

Synopsys helps development teams build secure, high-quality software, minimizing risks while maximizing speed and productivity. Synopsys, a recognized leader in application security, provides static analysis, software composition analysis, and dynamic analysis solutions that enable teams to quickly find and fix vulnerabilities and defects in proprietary code, open source components, and application behavior. With a combination of industry-leading tools, services, and expertise, only Synopsys helps organizations optimize security and quality in DevSecOps and throughout the software development life cycle.

For more information, go to www.synopsys.com/software.

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