



TWE SOLUTIONS

SERVICES BRIEF

TWE vPenTest

Automated, On-Demand Penetration Testing for Businesses of All Sizes

Challenges In Traditional Penetrating Testing

Traditional penetration testing poses challenges for businesses, including scheduling conflicts, availability of qualified testers, and inconsistent deliverables. These hurdles can leave critical vulnerabilities undiscovered, creating gaps in security. For SMBs and enterprises alike, staying compliant with security regulations and adopting best practices becomes daunting when faced with limited testing capabilities and a constantly evolving threat landscape.

Why vPenTest from TWE?

TWE's vPenTest platform offers a breakthrough solution: automated, on-demand penetration testing that combines advanced tools and methodologies with expert oversight. Backed by OSCP-certified engineers, vPenTest allows organizations to uncover vulnerabilities in both internal and external environments. With a security-first approach, TWE's co-managed model ensures seamless integration with your existing team to prioritize compliance and bolster your defenses.

How Businesses Benefit from vPenTest

With TWE's vPenTest, organizations gain continuous assurance of security and compliance through real-time activity tracking and detailed remediation strategies. The automated framework improves with every industry advance, providing unparalleled efficiency and security insights. As a result, businesses stay ahead of evolving threats while minimizing downtime and resource strain.

TWE vPenTest Capabilities

Internal Network Testing

Simulates malicious activities to uncover vulnerabilities in your internal environment

External Network Testing

Identifies flaws in public-facing systems, including unpatched systems, misconfigurations, and unsecure authentication

Egress Filtering

Automatically verifies outbound traffic restrictions to prevent data exfiltration

Authentication Attacks

Tests credential vulnerabilities and privilege escalation points

Segment Traversal

Simulates lateral movement to identify and secure sensitive areas

Data Exfiltration Simulations

Logs and evaluates risks associated with data leakage

Simulated Malware Testing

Evaluates endpoint defenses by mimicking advanced threats

Actionable Reports

Delivered within 48 hours, complete with remediation steps for rapid response

AUTOMATED, ON-DEMAND PENETRATION TESTING FOR SMALL AND MIDSIZED BUSINESSES

	TWE vPenTest Advantage	Typical Competitor
Automated, On-Demand Testing	Allows testing anytime, eliminating scheduling conflicts	Often constrained by fixed schedules and availability gaps
Expert-Certified Methodology	Backed by CISSP, CEH, and OSCP-certified professionals for unmatched reliability	Variable expertise, often lacking certifications or industry credibility
Comprehensive Testing Options	Internal and external networks, egress filtering, privilege escalation, and more	Limited to basic penetration testing methods
Real-Time Activity Logs	Every activity is logged and can be correlated with existing monitoring tools	Rarely provides real-time tracking or integration with monitoring systems
Simulated Threat Scenarios	Includes malware tests, lateral movement, and data exfiltration to simulate real-world attacks	Often lacks simulation of advanced threats or targeted attack vectors
Compliance Assurance	Ensures adherence to security regulations and industry best practices	Often static methodologies that fail to address new attack vectors
Co-managed IT Approach	Seamless integration with your in-house team to enhance efficiency and provide tailored support	One-size-fits-all approaches that lack flexibility or alignment with your team's needs
Continuous Testing	Testing can be scheduled to occur on a regular basis, ensuring continuous threat identification and remediation	Usually provides one retest to validate remediations. Subsequent tests require additional engagements.

Contact us now to learn more
twe-solutions.com/contact-us
 1-888-535-9570

About TWE Solutions

TWE Solutions is the only IT partner that combines a security-first approach with co-managed technology services, seamlessly integrating with your staff to manage infrastructure, firewalls, cloud systems, and endpoints. With highly certified, U.S.-based engineers, TWE brings unmatched expertise to secure your technology and streamline operations, keeping your business efficient, scalable, and compliant.

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