Take testing from theoretical to practical.

A penetration test looks for security weaknesses within your applications and environment by simulating an attack. During this controlled test, an experienced consultant uses the tools and techniques that an attacker would use.

This emulation of a real-world attacker demonstrates where holes exist and procedures fail, how much access an attacker could gain and how to better secure your systems.

A penetration test checks various aspects of your organization's security program that involve both your staff and technology. It evaluates if your firewalls, intrusion prevention systems and other technical controls are effective and configured correctly to prevent unauthorized access to your systems. The testing determines if all of the necessary security patches have been applied, as well as if your IT staff can detect and respond appropriately to an attack.

The value of a penetration test is its ability to demonstrate the impact of any security vulnerabilities. Senior management and other decision makers can sometimes overlook reports from IT auditors (and internal staff) indicating the potential for a malicious attack.

TYPES OF TESTING

External penetration testing simulates attacks on your systems that are accessible to the Internet. These types of attacks generally target specific technologies or configurations used by your organization.

Internal penetration testing replicates attacks from within your network. These attacks can be conducted by rogue employees attempting to escalate privileges to access sensitive data, vendors who come on site and plug into your network jack or attackers that have breached your external security to gain access to your internal network.

WHAT WE OFFER

Our penetration tests are scalable to meet the needs of your organization. Guard Street's team offers an array of assessments that can be included as part of your penetration test or conducted as standalone services, including:

- Network Infrastructure Testing
- Application Testing
- Social Engineering
- Physical Controls Testing
- Mobile Application Testing
- Wi-Fi Network Testing
- Embedded Device Testing
- Secure Development Training

ABOUT GUARD STREET PARTNERS

Guard Street is dedicated to assisting our clients with information security risk management, quantifying the cybersecurity need, risk mitigation, monitoring your digital brand, fraud management and vulnerability detection and prevention.

Our services minimize unwanted exposure and protect against external threats by detecting data loss, securing your online brand and reducing your attack surface. Organizations can suffer regulatory fines, loss of intellectual property and reputational damage when digital risk is left unmanaged.

Our experts specialize in:

- Vulnerability Assessments
- Brand Monitoring
- Compliance Audits
- Forensic Investigations and Incident Response Services
- Security Awareness Training

Schedule A Demo Today

1-844-436-7282

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PROVEN METHODOLOGY

We conduct our penetration tests using a proven methodology that meets or exceeds industry standards to systematically analyze your applications and environment.

Reconnaissance and Discovery
- Survey and map network address blocks and Internet domains
- Discover and enumerate devices such as firewalls and servers
- Identify open network ports and services
- Determine operating systems and software versions

Vulnerability Analysis
- Identify security holes and vulnerabilities
- Attempt to log in using default and common usernames and passwords
- Assess the security of the operating systems
- Test the security of network services
- Test the security of custom applications
- Verify vulnerabilities are legitimate and not false positives

Attack and Penetration
- Exploit vulnerabilities and misconfigured systems
- Escalate privileges to access additional information or gain additional rights
- Expand access to other systems and accounts

We can perform your testing from the perspective of an outside attacker without knowledge of your network, or by using information you provide (e.g., a device listing or non-privileged user account) to focus the assessment.

EFFECTIVE AND CONCLUSIVE

A penetration test from Guard Street is one of the most effective forms of security testing you can undergo. It targets the controls responsible for protecting your network and helps you:

- Determine the effectiveness of your security controls
- Identify weaknesses in those controls
- Demonstrate the impact of those weaknesses

The results of a penetration test are clear and irrefutable, exposing how attackers can get into your systems and what they are able to access. It takes security from a theoretical level to a practical one by demonstrating the impact of any security vulnerabilities.

ACTIONABLE REPORTING

A penetration test is only valuable when the results can be understood and acted upon. Guard Street writes reports to meet the needs of those most involved in your security— your IT department, internal and external auditors and examiners. Your report clearly defines the scope of your testing, the methodology used, detailed results for all findings and helpful recommendations for addressing those findings.

COMPLIANCE

Our penetration tests are designed to meet and exceed compliance mandates such as those related to the Payment Card Industry Data Security Standard (PCI DSS), the Health Insurance Portability and Accountability Act (HIPAA) and the Gramm-Leach Bliley Act (GLBA). Typically, penetration testing needs to be conducted at least once a year as part of regular compliance audit processes.

SECURITY & COMPLIANCE PENETRATION TESTING

Guard Street's Security & Compliance practice is dedicated to assisting our clients with information.

FOR MORE INFORMATION ABOUT OUR SERVICES, VISIT WWW.GUARDSTREETCYBERPRO.COM

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