



Network Penetration Testing

Comprehensive Testing of Your Enterprise Environment

Protiviti's network penetration testing services assist organizations in identifying critical network and infrastructure vulnerabilities, misconfigurations and weaknesses that an attacker could leverage or exploit to negatively impact the business.

Protiviti delivers value to clients across industries with our **straightforward pricing**, our **top-tier talent** and our **flexible approach** to scoping engagements, which allow us to **design customized testing scenarios** for any need. At the end of every network penetration test, we provide actionable remediation recommendations that drive meaningful security change.

How Protiviti Can Help



External Network Penetration Test



Internal Network Penetration Test



Scenario-Based Test



Wireless Network Penetration Test



On-Demand Penetration Testing



Network penetration testing is a fundamental piece in assessing an organization's initiatives and strategic drivers. This could be compliance requirements, shifting to a remote workforce, or technology and process implementations such as data loss prevention or privileged access management.



— Krissy Safi
Managing Director, Attack & Penetration

Business Outcomes



A clear view of vulnerabilities and high-risk issues in your network.



Peace of mind knowing tests are performed following industry standards such as NIST SP800-115, PTES, CREST and PCI DSS



Access to Protiviti's team of cybersecurity experts to design and develop customized testing approaches for your needs.



Clear and concise remediation advice to allow for short- and long-term improvements to the security strategy

Network Security

Our Approach and Methodology



External Network Penetration Test: Assess external (public) facing systems and applications from the perspective of an unauthenticated attacker to understand the impact an external attacker could have.



Internal Network Penetration Test: Perform testing from inside the network to discover vulnerabilities which may allow an attacker to move laterally between systems, escalate privileges, compromise critical systems and access sensitive data.



Scenario-Based Network Security Testing: Develop and execute network and infrastructure testing using scenarios unique to the environment and aligned with organizational strategy. Scenario testing examples include validation of PCI control requirements, testing of network segmentation separating low-priority assets from critical systems and conducting testing to validate a specific strategic initiative.



Wireless Network Testing: Perform testing to identify weaknesses in the current wireless network solution that may allow unauthorized access to the wireless network, the corporate internal network or business critical systems and data.



On-Demand Penetration Testing: Combine our various testing capabilities that enable clients to perform targeted assessments throughout their environment as key infrastructure, security controls, or personnel change. Rather than focusing on the entirety of an enterprise network, on-demand tests focus on specific systems and networks to provide peace of mind that changes have been implemented in a secure manner.

The Protiviti Advantage



Straight Forward Pricing

- Modular, fixed-pricing model for security testing throughout the year
- Transparency for accurate budgeting



Centralized Project Management / Coordination

- Integrate multiple testing approaches to provide a full understanding of risks
- A central point of contact assigned to coordinate engagement and drive success



Global Footprint and Top Talent

- Centers of Excellence across North America
- Strong presence in international markets



Remote Testing Options

- Testing can occur entirely remotely to minimize expenses and maximize value added time
- Deploy testing from our Centers of Excellence



Robust Testing Methodology

- Holistic understanding of risk beyond vulnerabilities
- Determine root causes through deep manual testing techniques
- Validate issues and develop short- and long-term recommendations



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