

# Penetration Testing Services

## Demonstrate Real-World Risk

The best way to know how intruders will actually approach your network is to simulate a real-world attack under controlled conditions.

This documents actual risks posed to your company from the perspective of a motivated attacker.

Rapid7's Penetration Testing Services team delivers network, application, wireless, social engineering and boutique engagements to demonstrate the security level of your organization's key systems and infrastructure.

### **Leverage offensive security experts to test defenses and uncover issues**

**Get an understanding of real-world risks from the attacker's perspective** – Go beyond the limitations of automated scanning to identify the root cause of underlying issues. Our penetration tests simulate real-world attack vectors to provide a point-in-time assessment of vulnerabilities and threats to your network infrastructure and applications.

**Quantify and prioritize findings using business-driven criteria** – Our post-assessment analysis presents logical groupings of one or more security issues with common causes and resolutions. We provide an actionable findings matrix that can be used as an overarching workflow plan and tracked within your security organization.

### **Enable your operations team in tracking the remediation effort**

– Each finding is categorized according to the relative level of risk posed to your organization. The final deliverable also contains the amount of work and resources required to address each finding, hyperlinked references to resources, and detailed remediation information.

### **Rapid7's penetration testing services include:**

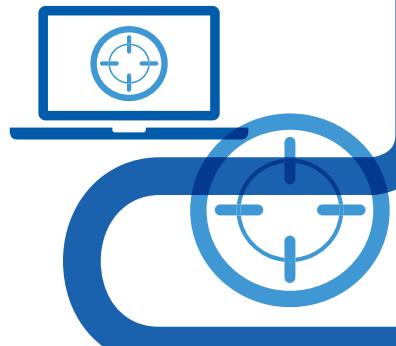
- Internal and external network testing
- Web and mobile application testing
- Wireless network testing
- Social engineering (physical and electronic)
- Boutique engagements, e.g. DDoS, APT, embedded device testing, malware, etc.



500

Rapid7 penetration testers are renowned experts who conduct over 500 penetration tests per year and are frequently asked to present at leading industry conferences including Black Hat and Defcon.

**“Rapid7 had great expertise. When you hire a person – or a group of individuals – to do a job like this, you want someone who has done extensive penetration testing, who eats, sleeps, and breathes security, who can think like a hacker.”**



*-Jaya Ayyagari*

*VP of Software Development, EyeLock Corporation*

## METHODOLOGY OVERVIEW

Engagement preparation and kick off



Reconnaissance and enumeration



Network surveying and services identification



Network penetration testing



Password cracking



Manual application testing



Root cause analysis



Engagement debrief and presentation

## Why Penetration Testing?

### Uncover security weaknesses

Learn whether and how your network is exposed to potential attacks.

### Check security controls

Test if the security measures you've put in place are working and effective.

### Test security of new applications

Conduct a comprehensive security assessment before the roll-out.

### Compliance and best practices

Some regulations such as Payment Card Industry Data Security Standard (PCI DSS) require regular penetration tests. Beyond compliance, many best practice frameworks recommend conducting penetration testing.

### Contractual obligations

Larger enterprises require a penetration test as part of doing business with them.

## Proven penetration testing services and security expertise to meet unique business needs:

### Best practice methodology

Rapid7 leverages the Open Source Security Testing Methodology Manual (OSSTMM), the Penetration Testing Execution Standard (PTES), and for application testing, the Open Web Application Security Project (OWASP) as foundation for assessments.

### Prioritized responses

Security assessment results contain detailed remediation information and prioritized recommendations aligned to business goals and objectives.

### Comprehensive tools and processes

Rapid7 uses a combination of proprietary and public tools to gather the most accurate data efficiently.

### Customized services approach

Support for boutique engagements aligned with specific objectives, technologies, platforms, or threats.

### Risk scoring using the DREAD framework

Address the top threats that have the greatest potential impact by applying a structured approach.

Learn more about Penetration Testing Services at:  
[www.rapid7.com/services/penetration-testing-services](http://www.rapid7.com/services/penetration-testing-services)