ETHICAL HACKING
Real-world Attack Simulation.

Service Overview

The world of security is evolving quickly, and most businesses find vulnerability scanning and other popular security assessment practices fall short of accurately determining security posture. NetWorks Group's Full Scope Penetration Testing service provides a realistic demonstration of what can happen to your organization when a malicious party targets sensitive data. Our Penetration Testing team works to not only find vulnerabilities, but provide meaningful feedback on how they may be mitigated.

Penetration Testing is the linchpin in a security program as it replicates the tactics of threat actors which may otherwise be undetectable by conventional security tools. While a solid Vulnerability & Risk Management program can help, a Penetration Test helps build your defenses against attacks and is required by numerous compliance standards. Don't just meet compliance; beat it.

The Next Evolution of Penetration Testing

Each and every organization deserves to be tested as if they're individuals. The common industry linear approach is no longer valid in today's security climate and requires more critical thinking behind it. It's easy for providers that do bulk penetration tests to miss issues that would be caught by skilled penetration testers and the results are rarely helpful to improve the state of security. NetWorks Group's modern Ethical Hacking methodology improves upon the old approach in three important aspects.

Features

- Tailored penetration testing.
- Reflects modern attack tactics used by real hackers.
- Assess your company's social engineering, external, internal, wireless, physical security preparedness.
- Gain knowledge of how sensitive data may be targeted.
- Custom reporting for each individual client.
- No artificial scope limitations.

Benefits

- Results help understand the overall security risk and prioritize next steps.
- Obtain a representation of how real-world attackers would approach your network.
- Actionable intelligence and recommendations provide a realistic path forward.

1
Actions taken are indicative of a real adversary.

The best way to find weak points in your infrastructure is to approach attacking as a malicious hacker would.
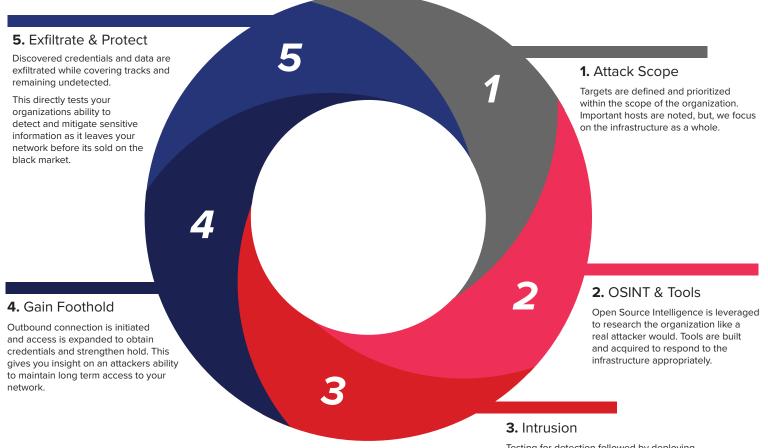
2
Testing is tailored for each engagement.

While competitors conduct commoditized testing with few real results, NetWorks Group customizes test cases to produce results that are relevant to your environment.

3
Threats are classified by sophistication.

Not all threats are the same. We make sure you are appraised of the difficulty in executing various threats so that appropriate remediations can be taken.

A REALISTIC & DEMONSTRATIVE APPROACH

5. Exfiltrate & Protect

Discovered credentials and data are exfiltrated while covering tracks and remaining undetected.

This directly tests your organizations ability to detect and mitigate sensitive information as it leaves your network before its sold on the black market.

4. Gain Foothold

Outbound connection is initiated and access is expanded to obtain credentials and strengthen hold. This gives you insight on an attackers ability to maintain long term access to your network.

1. Attack Scope

Targets are defined and prioritized within the scope of the organization. Important hosts are noted, but, we focus on the infrastructure as a whole.

2. OSINT & Tools

Open Source Intelligence is leveraged to research the organization like a real attacker would. Tools are built and acquired to respond to the infrastructure appropriately.

3. Intrusion

Testing for detection followed by deploying methods to reach initial intrusion. This will directly test your organizations ability to detect and mitigate real threats from the perimeter to the host.

5 *1* *2* *3* *4*

Custom Reports
NetWorks Group provides custom reporting on how your infrastructure and private information is exploitable.

Holistic Scope
NetWorks Group checks Internal, External, Wireless, Social Engineering and basic Physical security practices to ensure your entire organization is secure.

Real World Hackers
NetWorks Group leverages ethical hackers who have worked in the industry for years.

NetWorks GROUP

NetWorks Group is a Managed Detection & Response (MDR) and Ethical Hacking Service provider. Founded in 1997, we have over 20 years of experience delivering security services aligned with your infrastructure and compliance needs. Our team is comprised of some of the most experienced, well-rounded, and security-conscious people in the industry.