Cybersecurity Risk Assessment for Your Business

Penetration Testing

Simulated Attacks to Evaluate Your Business Security

Every day your business is exposed to a variety of risks. Bad actors are constantly targeting business data and can wreak havoc on your business if they are able to penetrate your network. How secure is your network, and how do you find out before it is too late?

Network penetration testing (pen-testing) intentionally simulates attacks on your business to identify security vulnerabilities in networks, systems, and devices and exploits these vulnerabilities to gain access to your network. This evaluation is a critical component in your cybersecurity plan to help you identify the weaknesses in your network that are putting your business at risk of a data breach.

When partnering with Hamilton, our team of experts will help you and your business:

- Discover how to test your security controls
- Mitigate vulnerabilities
- Prevent data breaches through pen-testing

With network protection being a top priority for all businesses, planning and preparedness are key to keeping bad actors from retrieving and exploiting your business information.

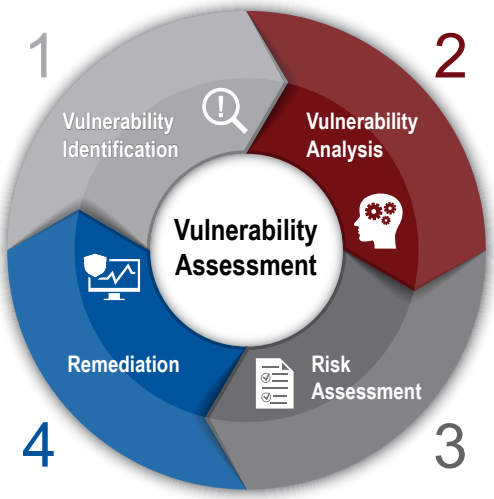
Empower your employees, strengthen the security of your network and protect your business — with Hamilton.

Security Advantages to Pen-Testing

- **Identify & Expose Vulnerabilities**
- **Test Your Security Controls**
- **Evaluate Your Security Posture**
- **Assess Your Risk**
- **Take Action to Address & Fix Your Identified Security Risks**
- **Prevent Network & Data Breaches**
- **Ensure Network & System Security**
- **Understand Your Network Benchmarks**

Vulnerability Assessments

Vulnerability Assessments are another option for identifying vulnerabilities in your system. Rather than scanning for the purpose of breaching your network, Hamilton's four-step assessment process seeks to identify weak spots so you know where to place your focus in prevention.



Vulnerability Identification (Testing)

The first step is to identify the vulnerabilities in your business that might affect your systems. Hamilton cybersecurity experts will test the security of your business network, system, server, or device through both manual scans and automated scans. This stage helps to create a complete map of your system, allowing you to understand how your assets can potentially be accessed or breached, and gives our security experts the tools for analyzing and remediating vulnerabilities.

Vulnerability Analysis

Once vulnerabilities have been identified, Hamilton will begin systematically evaluating the root cause and severity of each threat. This step is critical in determining if the system is susceptible to any known vulnerabilities and for recommending remediation or mitigation.

Risk Assessment

Through the analysis, the vulnerabilities are assessed by risk severity based on which business systems and data is most at risk, ease of attack or compromise, severity of attack and potential damage. The most severe threats are given the highest priority for remediation, thereby eliminating the greatest risks while securing the rest of your systems.

Remediation

Finally, Hamilton experts work with your team of operations, management and personnel to determine the greatest priorities and most effective path for remediating and mitigating each vulnerability. A complete record and report of your vulnerabilities is delivered to ensure you have a baseline for future efforts and to ease your ongoing cybersecurity efforts.

About Hamilton

Since 1901, we have been meeting the ever-changing connection, communication and technology needs of our customers.

Experience

- 120+ year history of managing reliable networks
- Robust telecommunications infrastructure
- Wide range of regulatory experience

Trust

- Programs providing 24x7x365 network monitoring
- Broad understanding of accessibility components

Commitment

- Trusted provider delivering the latest in technology and personalized customer service

HAMILTON®

hisinfo@hamiltonisbusiness.com
308.381.1000
HamiltonISBusiness.com