# Penetration Testing

## Stay one step ahead to protect your business

Are your current security controls and defenses sufficient to stop a dedicated attacker? Security threats are always evolving, growing more sophisticated every year. Staying one step ahead by identifying and remediating vulnerabilities is critical to defend your business from an attack.

A CBTS Penetration Test can help find the gaps in your organization's security defenses. CBTS experts simulate real-world attacks against your network, using the latest tools and techniques. By utilizing precise methodology, our security experts safely test multiple attack vectors without creating additional risk in your environment.

This solution examines:

- **Network infrastructure:** Plug gaps in your on-premises network and cloud to address risk that can extend through your entire environment.

- **Critical assets:** Protect sensitive data and systems that would cripple your company if lost to a security breach.

- **Wireless networks:** Don't give hackers a Wi-Fi back door into your internal network.

- **Users:** Ensure that your employees and associates won't be tricked by a social engineering or phishing attack.

- **Web applications:** Nine out of ten vulnerabilities are at the application layer.

- **Physical security:** Improve protection of personnel, hardware, programs, networks, and data against physical circumstances and events that could do serious damage to your organization.

## CBTS Infrastructure Portfolio

Network Infrastructure        Compute Solutions        Data Management Solutions        Security Solutions

## Value Proposition

A properly planned and executed penetration test (PenTest) can provide details about an organization's security weaknesses.

Key Benefits:

- Discovering and defending against more sophisticated attack vectors

- Identifying higher-risk vulnerabilities

- Identifying vulnerabilities that may be impossible to detect with automated scanning

- Evaluating the extent of potential business and operational impacts of successful attacks

- Testing the response capabilities of your security operations

- Providing justification for increasing security investment

- Compliance requirements

- Post security incident—review of network and endpoint security hardening

CBTS assists our clients by providing awareness of risks, proper risk mitigations, and the needed empirical data to validate compliance with regulations and best practices (i.e. HIPAA, PCI, CIS Top 20 CSC, NIST SP 800-53, ISO 27000 Series, SOX, and other similar standards).

## Is a Penetration Test right for your company?

A CBTS Penetration Test is the ideal choice for companies that:

- Lack in-house experience to conduct penetration tests effectively

- Feel they've hardened their endpoints and network but wonder if they've truly addressed all of the gaps

- Need their IT teams to focus on core business initiatives instead of regular testing

- Aren't sure about best practices to comply with cybersecurity regulations

- Must perform penetration testing to meet compliance and regulatory standards

- Want to partner with an experienced security solutions provider

- Have suffered a recent cyber attack

## Why CBTS

CBTS provides the latest security solutions to companies of all sizes and across all industries. We have strategic partnerships with leading network and information security technology manufacturers that provide CBTS with deep expertise in their products and excellent technical support. Our highly certified engineers offer exceptional technical expertise and value-added services to keep your company safe.

After our experts perform the penetration testing, we will provide a detailed analysis which includes our recommendations for strengthening your security posture.