

Test Your Cybersecurity Defenses and Determine Your Cyber Attack Vulnerabilities

ADVISORY SERVICES: PENETRATION TESTING

You've taken some security measures to safeguard your healthcare environment; you've likely purchased several IT tools, deployed some software, installed firewall protection, and possibly implemented MFA. The next step is to test everything you've done to see if it will stop a cyber attacker from launching a successful attack against you.

To truly test the security of your environment, you need someone who understands the attacker's perspective, has had success breaching even the most secure networks and environments, and will provide you with actionable results to improve the security of your hospital and, ultimately, your patients.

TYPES OF PENETRATION TESTING

Internal Network Infrastructure Penetration Test:

The testing aims to identify potential gaps in cybersecurity and possible avenues that an attacker could use to breach the overall security of the internal network. The penetration test will employ black-box testing approaches based on the Open-Source Penetration Testing Framework.

External Network Infrastructure Penetration Test:

The testing will attempt to identify vulnerabilities associated with the underlying operating system and applications and identify security misconfigurations or other opportunities which could be used to exploit the system and allow an attacker to gain control of the system and gain access to the internal healthcare infrastructure and networks.

Wireless Security Assessment:

The testing will include an assessment of the wireless network architecture. This will analyze a representative sample of Wireless Access Point (WAP) cybersecurity configurations and patch levels. CloudWave's Sensato team will perform a wireless network survey and assess the overall wireless network associated with your organization.



CloudWave's Sensato Penetration Testing Services

You'll Achieve these Outcomes:

- Identify potential vulnerabilities and security risks
- Identify avenues of exploitation
- Provide remediation and best practices recommendations related to specific findings
- Parties involved will mutually agree on Rules of Engagement specific to each type of test