



Wireless Access Point Assessment

What is a Wireless Access Point Assessment?

A Wireless Access Point (WAP) assessment attempts to identify vulnerabilities or weaknesses in your wireless network through:

- Detection and identification of available network access points (both valid and rogue access points)
- Evaluation of Access Point (AP) configurations
- Evaluation of wireless authentication and encryption standards
- Analysis of security gaps

Why Should Wireless Access Point Assessments Be Performed?

The proliferation of Wi-Fi technologies has created an environment which allow us to be connected nearly anytime and anywhere. Unfortunately, Wi-Fi technology also provides malicious attackers another vector to compromise networks and devices. Wireless networks are an extension of your organizational infrastructure and often-overlooked as an avenue of attack. Attackers may attempt to gain access through misconfigured, weak or vulnerable access points. Additionally, rogue access points which do not follow an organization's security policy can be used as a point of entry and completely bypass your perimeter defenses. Attackers use a combination of passive and active attack methods in attempt to gain unauthorized access into your network.

How Does TechGuard Approach A Wireless Access Point Assessment?

At TechGuard, we leverage National Institute of Standards and Technology (NIST) Special Publications 800-153 and 800-115 as the foundation for our wireless assessment methodology. We perform a comprehensive assessment of your Wi-Fi landscape utilizing a specifically designed Wi-Fi audit device. Credentialed or uncredentialed testing may be performed to evaluate internal or external controls of the Wi-Fi network. We take special care to evaluate encryption levels, password strength, rogue devices, default passwords, wireless segmentation and access point identification, as well as other wireless flaws. TechGuard's reporting methodology provides the client with a current snapshot of the findings ranked from Critical, High, Medium, to Low, that exist within their environment. Our reporting will also provide you with detailed and actionable information on how to remediate and/or mitigate any discovered vulnerabilities.

What is the TechGuard Difference?

We pride ourselves in building and maintaining long-term relationships with our clients. This ensures each client receives a tailored, customized service based on their unique organizational needs. From the initial kickoff meeting to delivery of the finalized WAP Assessment Report, client satisfaction is our number one concern. At TechGuard, we place the utmost value on the delivery of quality services. Every client is assigned a Project Lead who will serve as their single point of contact throughout the engagement. In addition to the detailed written report provided at the end of the assessment, clients engage in a presentation with their Project Lead. Our report delivery presentation provides the opportunity to discuss details of important action items, next steps, and answer any questions related to remediation recommendations. TechGuard has dedicated the past 18+ years to delivering high-end, professional cybersecurity solutions - making us a trusted partner in both the government and private sectors.