



RISK REDUCTION:

PENETRATION TESTING SERVICE

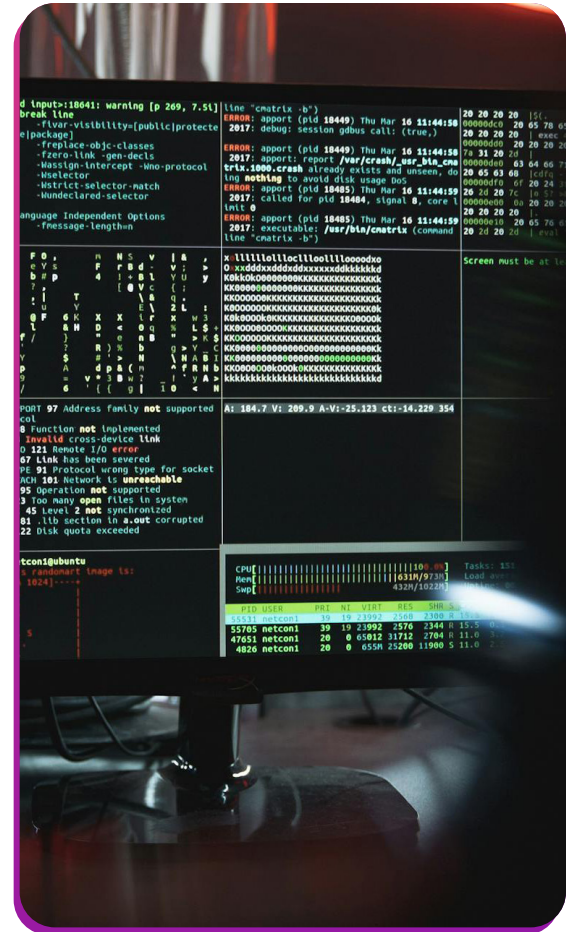


LOCATE EXPLOITABLE SECURITY WEAKNESSES USING SIMULATED ATTACKS

Today's **digitally connected** workplaces have become the most common targets for cybercriminal activity. Security breaches continue to regularly make headlines, even as preventing cyber-attacks has become a priority for K-12 schools, municipalities, and small businesses alike. Xcitium offers comprehensive penetration testing services that identify and remediate security gaps before attackers can exploit them.

A **penetration test**, or "pen test", is used to evaluate the security of a computer system by safely attempting to exploit vulnerabilities. These vulnerabilities may be caused by operating system bugs, service and application flaws, improper configurations, or risky end-user behavior. Such assessments are also useful in validating the efficacy of defensive mechanisms, as well as end-user adherence to security policies.

Penetration testing is typically performed using manual and automated technologies to safely and systematically compromise servers, endpoints, web applications, wireless networks, network devices, mobile devices and other potential points of exposure. Once vulnerabilities have been successfully exploited on a particular system, our testers will attempt to use the compromised system to launch subsequent exploits at other internal resources. By doing so, we are able to determine if hackers could achieve higher levels of security clearance and deeper access to private information through privilege escalation.



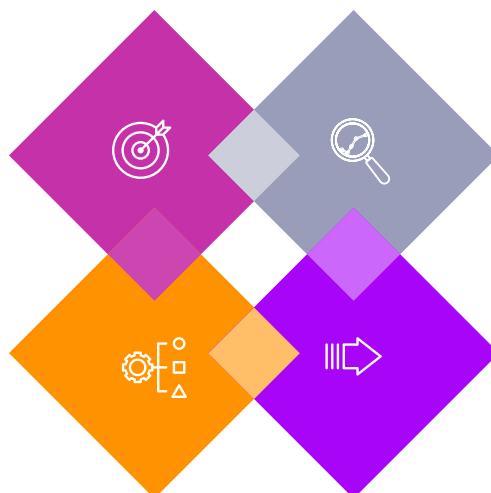
PENETRATION TESTING SERVICES:

EXTERNAL TESTING

A security assessment of your organization's perimeter systems. Your perimeter is comprised of every system that is directly reachable from the internet.

INTERNAL TESTING

A thorough assessment of your organization's network to determine the type and degree of damage a potential attacker including an insider could cause.



WIRELESS TESTING

Identification and examination of the connections established between your organization's wireless devices and Wi-Fi access point.

WEB APPLICATION TESTING

The process of using penetration testing techniques on your organization's web application API to determine its exploitability.

5-STEP PENETRATION TESTING PROCESS:



INCLUDED AS PART OF OUR PENETRATION TESTING SERVICE:



Safe, Efficient, and Thorough Results

Our proven methodology, developed over thousands of successful tests, provides comprehensive results and proven mitigation strategies.



Experienced Security Professionals

Leveraging our certified Penetration Testers and modern ethical hacking approach allows you to vet your cyber security posture for your customers and stakeholders



Custom Reporting Portal

Access your detailed Penetration Testing reports from our customized insight portal at any time, making it simple to review and analyze key data points.

DELIVERABLE:

A strictly confidential final report which includes an Executive Summary, as well as a Detailed Narrative for each exercise performed that describes:

