



Mobile Application Penetration Testing

Proactively protect your mobile apps
and preserve user trust

Bulletproof your mobile applications

The proliferation of mobile applications has reached a fever pitch. Mobile apps are ubiquitous tools due to their convenience and ability to be easily accessible. However, this convenience and accessibility is also a cause for serious cybersecurity concerns.

Your trusted partner for mobile app security

Most security testers only check the box for the sake of compliance. This service provides an experienced team of mobile application testing specialists who operate differently, working with you to understand your business and the use cases behind your mobile application. This deeper level of expertise helps you understand the motivations of a threat actor and how they might approach attacking your mobile application and infrastructure.

There is no one-size-fits-all approach to assessing your security posture — in this engagement, security experts work directly with you to ensure that the strategic testing plan is well-crafted and poised to deliver the most effective results during your test.

The mobile application penetration test is designed to comprehensively evaluate your mobile app in various states and across different modes. You will benefit from an experienced team bringing expert viewpoints to uncover unique vulnerabilities hidden within your apps.

As these expert security engineers uncover vulnerabilities within your application, they communicate to your team in real time and advise on remediation recommendations.

Key benefits

Learn from the attacker mindset as you test against the latest threat actor techniques

Quickly identify and remediate vulnerabilities in your mobile applications

Follow a proven methodology that works, incorporating application security best practice frameworks including the OWASP Mobile Top 10



Why choose CrowdStrike?

CrowdStrike has established an ecosystem of trusted partners to deliver expertise and capacity in key areas of cybersecurity.

Real-world hacking experience

Echelon's security consultants have deep knowledge in the offensive security realm. They provide services that push the boundaries of true adversarial emulation and bring attack scenarios to the table that show real value to CrowdStrike clients.

Proven track record

CrowdStrike has partnered with Echelon across a variety of strategic and value-added services that have helped clients level up their security posture in a variety of ways.

Trusted approach

The methodology employed by Echelon is sound and backed by industry best practices.

Key service features

Mobile application penetration testing is a partner-delivered service from Echelon Risk + Cyber, whose cyber professionals perform these tests to help you uncover serious vulnerabilities in your mobile applications.

Echelon's cybersecurity experts simulate real-world attacks to identify vulnerabilities that may be exploited by threat actors to gain unauthorized access to sensitive personal data, tamper with your mobile application or compromise the integrity of the system. Echelon utilizes industry-leading tools and techniques to thoroughly test the security of mobile applications on both iOS and Android platforms.

The mobile application penetration testing services may include:

- Static analysis:** Experts review the application's source code and assets to identify potential vulnerabilities.
- Dynamic analysis:** We test the application's functionality and behavior while running, looking for vulnerabilities that may be exploited at runtime.
- Network analysis:** We examine the application's network communications to identify potential vulnerabilities or misconfigurations.
- API testing:** We test the application's APIs to identify misconfigurations and security issues within the implementation.
- User experience testing:** We evaluate the mobile app's user experience to identify any security issues that may be caused by poor design or user error.

About Echelon

Echelon Risk + Cyber is a cybersecurity professional services firm built on the belief that privacy and security are basic human rights. Echelon's comprehensive suite of services are customized and right-sized for each client, helping to solve even the most complex cybersecurity issues.

About CrowdStrike Services

CrowdStrike Services delivers Incident Response, Advisory Services, Technical Assessments, Product Support and Training that help you prepare to defend against advanced threats, respond to widespread attacks, enhance your cybersecurity practices and controls and operationalize your technology platform.

We help our customers assess and enhance their cybersecurity posture, implement technologies, test defenses against real-world attacks, respond to incidents, accelerate forensic investigations, and recover from a breach with speed and precision. Harnessing the power of the CrowdStrike® Security Cloud and the CrowdStrike Falcon® platform, we help you protect critical areas of enterprise risk and hunt for threats using adversary-focused cyber threat intelligence to identify, track and prevent attacks from impacting your business and brand.

CrowdStrike:

We stop breaches.

Learn more

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