



Are your mobile apps making your enterprise a moving target?



The enterprise mobile apps which boost staff productivity or drive customer engagement can also carry risk and create potential weak spots in your network and IT infrastructure. **Mobile App Penetration Testing** mimics the behaviour of malicious attackers while employing industry-approved methods to uncover any vulnerabilities before they are exploited by third parties.

CREST-certified experts for peace of mind

Mobile app penetration tests are performed by our security services partner, Espion. CREST is the industry gold standard in information security testing and Espion is a CREST member company for penetration testing services. Their assessment simulates an attack against your enterprise through the medium of any mobile apps in use by your organisation, to determine any potential exposure.

Agree the scope and range of the test

Although our methods mimic real, malicious hacker behaviour as closely as possible, we use industry-approved penetration testing tools and conduct our test within parameters that are pre-defined. The scope and range of the test, and legal authorisation to conduct it, are all agreed in advance. We test both the mobile app and its application servers for a comprehensive assessment.

Your infrastructure stays intact

The penetration test is designed to determine weaknesses inside or accessible via your mobile apps. By agreement with you, our test does not aim to compromise the security, integrity or availability of your systems. However, we will let you know whether the mobile app could be used by attackers to access sensitive data or disable systems.

Help you to stay compliant with legislation and industry standards

The EU and national legislative landscape for IT security is evolving. Independent security testing is one way to help keep your company compliant with directives and meet industry requirements, including PCI-DSS, the information security standard governing any organisation that handles credit card payments.



Balance the convenience of mobile apps against potential risk with rigorous penetration testing

Your questions answered:

How does Mobile App Penetration Testing work?

Our objective is to identify and then test vulnerabilities in any mobile apps being used by your enterprise, and then rank these vulnerabilities from high risk to low risk. We exploit these vulnerabilities in a controlled way, which lets us determine the actual business risk associated with each identified weakness. The test benefits you by highlighting business-impacting security vulnerabilities so that you can take action.

How can I be assured my systems won't be damaged?

All testing of the mobile app and application servers is performed in line with a carefully selected set of industry recognised tools and techniques, e.g. OWASP Mobile Top Ten, OSSTMM and NIST SP800-115. The specialists performing the test are experienced, industry- certified professionals who know how to exploit vulnerabilities responsibly, without damaging company assets, and without compromising the availability or integrity of systems.

About Espion

Espion provides expertise to clients on Identification, Protection, Compliance and Management of their Information.

Headquartered in Dublin, and operating in Ireland, the UK, continental Europe and the US, Espion are unrivalled experts in managing the complexities of corporate information, giving your people maximum access to and control of your company's information.



What does the penetration test entail?

Engagement - a mutual agreement outlining the terms of engagement and level of exploitation permitted



Discovery - gathering of useful information about the mobile app and the wider environment, including app configuration



Exploitation - simulated attack, identifying and exploiting vulnerabilities, replicating real-life malicious hacker behaviour



Reporting - a confidential, secure and quality assured report on test findings. Including prioritised recommended actions to address your vulnerabilities



Espion International Quality Standard Certifications / Espion is a BSI Professional Services Company



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