Web App Penetration Testing
from **eir Business**

Your website should open your business to the world, not to attack

Transactional websites, shopping carts, and personalised self-service features are a great way to achieve efficiency and improve customer service. But a vulnerability in your website or other web apps could be the entry point that lets attackers compromise your data, access customer details and damage your reputation. **Web App Penetration Testing** lets you uncover weaknesses before they are exploited by outsiders.

CREST-certified experts for peace of mind
Web 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 web apps in use by your organisation, to determine any potential exposure.

Scope and range of test are agreed with you
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 your website, web apps and web application servers for a comprehensive assessment.

Your infrastructure stays intact
The penetration test is designed to determine weaknesses inside or accessible via your web apps; we don't exploit these weaknesses to disable your business. 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 your web apps 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.

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Make sure your website isn't a weak spot into your enterprise

Business rises on eir

Your questions answered:

How does Web App Penetration Testing work?

Our objective is to identify and then test vulnerabilities in your enterprise website and any web apps 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 and reporting of the web apps and application servers is performed in line with a carefully selected set of industry recognised tools and techniques, e.g. OWASP Top 10 and Mitre Common Attack Pattern Enumeration and Classification (CAPEC). 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.

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 web app and the wider environment

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

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.

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CREST | PCi Security Standards Council™ QUALIFIED SECURITY ASSESSOR | SYSTEM CERTIFICATION ISO/IEC 27001 SGS | SYSTEM CERTIFICATION ISO 9001 SGS | CSA cloud security alliance℠

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