



Penetration tests put your network and IT security to the test

Information security attacks are multi-layered and sophisticated. **External Network Penetration Testing** mimics the behaviour of malicious attackers – but employs industry-approved methods – to find and assess weak points in your systems. A prioritised report then lets you remedy the vulnerabilities posing a clear and present danger to your business.

CREST-certified experts for peace of mind

External network 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 Internet facing systems 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.

Your infrastructure stays intact

The penetration test is designed to determine weaknesses, not exploit them to their full, destructive potential. By agreement with you, our test does not aim to compromise the security, integrity or availability of your systems. However we do let you know whether any of our discoveries could have been used by attackers to access sensitive data or disable your systems.

Help you to stay compliant with legislation and industry standards

The EU and national legislative landscape for IT security is evolving. External Network Penetration 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 handling credit card payments.



Mitigate risk to your business with a simulated attack of your network and IT systems by trained specialists

Your questions answered:

How does External Network Penetration Testing work?


Our objective is to identify and then test vulnerabilities in your systems, ranking the 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 will highlight business-impacting network and IT security vulnerabilities so that you can take action.


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


All network infrastructure testing is performed in line with a carefully selected set of industry recognised tools and techniques, e.g. 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.





What does the penetration test entail?


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Engagement - mutual agreement outlining the terms of engagement and level of exploitation permitted
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Reconnaissance - interrogation of public information about your company
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Target Enumeration - information gathering regarding your technology environment
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Exploitation - simulated attack, replicating real-life malicious hacker behaviour
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Application Layer Testing - unauthenticated security assessment of web applications
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Post Exploitation - deeper intrusion into your network to determine which information assets are accessible to attackers where applicable
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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.



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



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