Penetration Testing

Identifying and helping to address hidden weaknesses in your organisation's security

What is Penetration Testing?

Penetration Testing, or a pen test, "is a method of evaluating the security of a system or network by simulating an attack from malicious outsiders (who do not have an authorised means of accessing the organisation's systems) and malicious insiders (who have some level of authorised access)." The process involves an active analysis of the system for any potential vulnerabilities that could result from poor or improper system configuration, both known and unknown hardware or software flaws, or operational weaknesses in process or technical countermeasures.

Why your organisation needs a pen test

- Show commitment to continuous improvement of IT security

- Build trust within the supply chain

- Making significant changes to IT infrastructure

- Undergoing a business merger or acquisition

- Preparing for compliance with security or regulatory standards

- Tendering for large commercial contracts

- Utilising and/or developing custom applications

How it works

Our penetration testing is carried out from the position of a potential attacker by our security consultants and can involve active exploitation of security vulnerabilities with a view to improving the security of your system or network. Security issues uncovered through the penetration test are presented to the system's owner. Effective penetration tests will couple this information with an accurate assessment of the potential impacts on the organisation and outline a range of technical and procedural countermeasures to reduce risks.

![CommSec - Sensible Cyber Security]

PENETRATION TESTING

Types of Testing

- Network infrastructure testing
- Web application assessments
- Mobile application testing
- Active Directory assessments
- Assumed breach
- Restricted Desktop Breakout

Pentesting Process

1. Pre-engagement
2. Intelligence Gathering
3. Vulnerability Analysis
4. Exploitation
5. Post Exploitation
6. Reporting

What our customers say

CommSec provided a thorough and professional penetration test on our applications. The whole interaction was flawless, and their findings and recommendations were invaluable. FarmVet Systems would highly recommend Commsec for their Penetration Testing Services

CEO, Farmvet Systems

Our Accreditations

CREST.

GIAC WEB APPLICATION PENETRATION TESTER — GWAPT

OFFENSIVE security — OSCP

CISSP®

EC-Council CERTIFIED C|EH — CERTIFIED ETHICAL HACKER

INFORMATION SECURITY MANAGEMENT SYSTEM — ISO 27001 — BQAI

CYBER ESSENTIALS CERTIFIED

CYBER|IRELAND — IRELAND'S CYBER SECURITY CLUSTER

Microsoft Silver Partner

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