

Penetration Testing Services

The cyber threat landscape is evolving rapidly, with attackers constantly adapting tactics to exploit hidden weaknesses in your systems, networks, and applications. Organisations face threats from misconfigurations, unpatched software, weak credentials, and overlooked entry points that cybercriminals leverage to gain unauthorised access and cause damage. As attack methods become more sophisticated and automated, risks of costly breaches, fines, reputational damage, and disruption soar—making robust security testing and proactive defence essential.

Ekco's CREST-certified Penetration Testing Services offer unparalleled expertise and industry-leading assurance, delivering comprehensive assessments that mirror the tactics, techniques, and procedures (TTPs) of today's advanced cyber adversaries. Our team combines automated tools with expert manual testing and ethical hacking, empowered by a vast, updated library of attacker behaviors and the latest threat intelligence. This combination uncovers subtle vulnerabilities in your infrastructure, applications, cloud, and remote access points before malicious actors exploit them.

With Ekco, you gain more than a test — a strategic partner delivering clear, actionable insights. We help prioritise risks, close critical gaps, and build resilient defences that reduce your exposure. Our tailored approach fits your environment, risk profile, and compliance needs, delivering maximum value and confidence.

Penetration testing isn't just IT — it's a vital business imperative. Ekco's CREST-accredited services combine expertise, proven methodologies, and sophisticated tooling to keep you ahead of evolving threats. Protect your assets, preserve trust, ensure compliance, and maintain continuity with Ekco's trusted Penetration Testing Services. Choose Ekco for clarity, confidence, and peace of mind against real-world cyber threats.

**“Uncover The Cracks.
Remediate The Risks.”**



Sophisticated Capabilities

Ekco's Penetration Testing Services use sophisticated tooling, advanced methodologies, and a vast library of TTPs to replicate real-world attackers with precision. Leveraging the latest threat intelligence, we uncover hidden vulnerabilities, helping you strengthen defences, reduce risk, and stay protected — even against today's most advanced threats.



Extended Expertise

Ekco's Penetration Testing Services give your organisation access to expert CREST-accredited cybersecurity professionals with deep ethical hacking and vulnerability assessment skills. Our team strengthens your security posture by delivering risk-based insights that help you prioritise actions and confidently tackle today's complex, evolving threats.



Peace of Mind

Ekco's Penetration Testing Services deliver expert-led assessments that reveal how attackers target your organisation, uncovering weaknesses before breaches happen. By simulating real attack scenarios with advanced tools and techniques, we help you proactively identify, prioritise, and fix vulnerabilities. With insights aligned to the latest threats, Ekco empowers you to strengthen defences, and confidently navigate today's evolving cyber landscape.

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Ekco Penetration Testing: Precision, Expertise, and Unrivalled Protection

When it comes to safeguarding your organisation from today's ever-evolving cyber threats, Ekco stands out as a trusted leader in penetration testing services. Backed by our globally recognised Security capabilities across the UK, Ireland, the Netherlands, and Malaysia, we combine world-class expertise with cutting-edge technology to identify vulnerabilities before attackers do.

Our CREST-certified penetration testing team uses sophisticated tools, advanced methodologies, and a vast library of real-world attacker tactics, techniques, and procedures (TTPs) — all powered by the latest global threat intelligence. This enables us to simulate real cyber attacks with precision, exposing hidden weaknesses across your infrastructure, applications, cloud environments, and remote access points.

Choosing Ekco means partnering with a team of highly skilled ethical hackers and security experts dedicated to delivering actionable insights tailored to your organisation's unique risk profile and security maturity. We don't just find vulnerabilities; we help prioritise risks and recommend targeted remediation strategies that strengthen your defences and reduce exposure to costly breaches.

Our flexible service are designed to scale with your business, ensuring you receive the right level of protection at every stage of your cybersecurity journey. Whether you're building foundational security or advancing to a sophisticated resilience posture, Ekco's penetration testing empowers you to stay one step ahead of attackers, safeguard critical assets, and maintain customer trust in a hostile digital landscape.

Choose Ekco for penetration testing services that deliver clarity, confidence, and comprehensive protection — because your organisation deserves nothing less than the best.

Penetration Testing Capabilities

Sophisticated Penetration Testing services powered by advanced tools and expert methodologies, delivering tailored assessments that enable your organisation to stay one step ahead of cyber attackers.

Internal Infrastructure Testing



Expert Internal Infrastructure Penetration Testing to find and fix hidden network and Infrastructure vulnerabilities before attackers do.

External Infrastructure Testing



Attack Surface and External Penetration Testing to identify and remediate exposed vulnerabilities before attackers exploit your perimeter.

Web Application Testing



Built on OWASP and CREST standards, our Web Application Penetration Testing identifies critical vulnerabilities to protect your applications from sophisticated attacks before they can be exploited.

Mobile Application Testing



Mobile Application Penetration Testing, aligned with OWASP MSTG standards, identifies security flaws in your mobile apps and mobile web applications, protecting sensitive data and ensuring secure, compliant user experiences

Objective Based Testing



Focused on your key risks, Objective-Based Penetration Testing targets critical assets to expose vulnerabilities and improve your security posture efficiently.

Scenario Based Testing



Scenario-based Penetration Testing simulates realistic attack paths to evaluate your defence against targeted threats and complex breach attempts.

Secure Code Review



Secure Code Review Penetration Testing aligned with OWASP Secure Coding Guidelines to meticulously analyse your application's source code to identify security flaws, vulnerabilities, and coding errors that could be exploited by attackers

Cloud Configuration Testing



Cloud Configuration Pen Testing uncovers misconfigurations to strengthen security and ensure compliance in your cloud environment.

Social Engineering Testing



Designed to mimic real-world tactics, our Social Engineering Testing uncovers human vulnerabilities by simulating phishing, pretexting, and other attacks to strengthen your organisation's security awareness and resilience.

Wireless Penetration Testing



Wireless Penetration Testing thoroughly assesses your wireless networks to identify security weaknesses, misconfigurations, and potential entry points, using industry best practices to safeguard your wireless infrastructure from attacks.

Insightful Reporting



Clear, concise Penetration Testing Reporting delivers actionable insights and prioritized recommendations, empowering your team to quickly understand risks and strengthen security effectively.