



SECURE NEXUS

Your digital defence partner.



PENETRATION TESTING

Uncovering vulnerabilities across web, cloud, and mobile applications, helping organisations strengthen security before exploitation.

[» Secure Nexus Services](#)



Our expert team identifies, exploits, and mitigates critical risks, providing actionable insights to improve overall security posture and protect business assets.

Secure Nexus delivers targeted penetration testing across web, cloud, and mobile environments. Using automated tools and manual techniques, we uncover vulnerabilities, from misconfigurations to logic flaws—covering authentication, APIs, input validation, and session management. As a CREST accredited provider, our proactive approach helps organisations identify and fix weaknesses before attackers can exploit them.

Business Value

Penetration testing highlights critical security gaps, helping organisations protect sensitive data, maintain customer trust, and ensure ongoing regulatory compliance. Our clear, actionable reports prioritise identified risks and provide step-by-step guidance for effective remediation, enabling businesses to reduce operational disruption, prevent costly security breaches, and confidently demonstrate due diligence for standards such as PCI DSS, ISO 27001, and other relevant industry regulations.

Our Approach

Every engagement is tailored to your environment and risk profile, covering web, cloud, and mobile penetration testing. We simulate real-world attacks, provide detailed technical and executive reports, prioritise findings by business impact, and offer practical post-test support. Flexible scheduling minimises disruption, ensuring organisations strengthen security while maintaining operational continuity.



Web Application Penetration Testing

Web applications are often the public face of your organisation and a frequent target for attackers. Secure Nexus tests both custom and off-the-shelf apps to uncover vulnerabilities.



Key Areas of Focus

Secure Nexus assesses web applications against the OWASP Top 10 and modern threat vectors, performing manual exploitation testing to evaluate real-world risk and business impact. Reviews include authentication, authorisation, and session management, as well as API and input validation for injection, XSS, and logic flaws. Comprehensive reports provide risk-based prioritisation and clear remediation guidance.

Benefits

- Identify weaknesses before adversaries do.
- Protect sensitive data and maintain customer trust.
- Demonstrate due diligence for compliance with PCI DSS, ISO 27001, and other standards.

Outcomes

Testing is tailored to your specific web environment and business priorities. Real-world attack simulations measure exposure and potential impact, while actionable remediation guidance helps strengthen your security posture and effectively reduce vulnerabilities.



Cloud Penetration Testing

Cloud environments bring unique risks, from identity misconfigurations to exposed storage and APIs. Secure Nexus assesses infrastructure across AWS, Azure, and Google Cloud.



Key Areas of Focus

Secure Nexus assesses cloud and network environments to ensure robust security and compliance. We identify exposed assets, review authentication including MFA and least-privilege policies, and evaluate VM, network, storage, database, and container security. Platforms such as Kubernetes, ECS, and AKS are checked for access controls, encryption, logging, and potential escalation paths. Findings are mapped to ISO 27001, NCSC Cloud Principles, and GDPR to maintain regulatory alignment.

Benefits

- Full visibility of your cloud attack surface.
- Validate security controls and compliance posture.
- Actionable recommendations to harden your environment.
- Confirm compliance with GDPR and industry standards.
- Build stakeholder confidence in your mobile and cloud ecosystem.

Outcomes

Secure Nexus delivers tailored testing aligned to your business priorities, using real-world attack simulations to measure exposure and potential impact. Clear, actionable remediation guidance and flexible delivery minimize disruption. Optional retesting and ongoing advisory support ensure vulnerabilities are addressed effectively, strengthening security posture continuously.



Mobile Application Penetration Testing

Mobile apps are a gateway to business and customer data. Secure Nexus tests iOS and Android applications to uncover vulnerabilities before exploitation.

Key Areas of Focus	Benefits	Outcomes
Secure Nexus conducts Dynamic Application Security Testing (DAST) to analyse mobile applications in real-world runtime conditions. Static Code Review (SAST) identifies vulnerabilities within source or compiled code, while reverse engineering assesses exposure to decompilation and binary tampering. API security testing verifies secure authentication, encryption, and safe data exchange across mobile environments.	<ul style="list-style-type: none">Reduce risk of credential theft, data leakage, and unauthorised access.Validate compliance with GDPR and industry security standards.Build stakeholder confidence in your mobile ecosystem.	Testing is tailored to your mobile applications and business priorities, combining runtime analysis, code review, and reverse engineering. Clear, actionable remediation guidance helps strengthen security posture and reduce potential vulnerabilities effectively.



At Secure Nexus, our mission is to empower small and medium-sized businesses with affordable, reliable, cutting-edge cybersecurity solutions.

We are dedicated to fortifying digital assets, connecting operations securely, and defending infrastructure against evolving cyber threats.

At Secure Nexus, we help your business navigate the digital landscape with confidence, ensuring your data and operations are always protected.

Our commitment is to make cybersecurity accessible, reliable, and tailored to each client. Together, we create a resilient foundation for your business in the digital age.

Why Work With Us

- **Security is in our DNA:** Trusted UK-based partner focused on measurable improvement and risk reduction.
- **End-to-End Managed Service:** From training delivery to progress reporting and dark web monitoring.
- **Continuous Improvement Model:** Data-driven insights into human risk and training effectiveness.
- **Tailored for SMEs & Public Sector:** Practical, accessible programmes that scale with your needs.
- **Tangible Results:** Measurable risk reduction, stronger compliance posture, and greater user accountability.



At Secure Nexus, our values guide everything we do. They drive our decisions, shape our culture, and ensure we deliver security with confidence, integrity, and impact.

Secure with Impact	Own It, Together	Keep It Authentic	Stronger as One	Think Bold, Act Smart	Never Stop Growing
We don't just protect systems; we build trust and peace of mind.	Accountability strengthens both our team and yours.	Honesty and integrity drive every interaction.	Collaboration fuels resilience and innovation.	We embrace creativity and calculated risks to solve challenges in new ways.	We learn and adapt continuously to stay ahead of threats.



SECURE NEXUS

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Ready to take the first step towards stronger security?

Don't wait for a breach to expose your business.
Let's identify your vulnerabilities today, and close them before attackers find them.

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