wavenet

The proactive approach to finding serious vulnerabilities before attackers do

Penetration Testing is the proactive approach to finding serious vulnerabilities in your business applications, networks, mobile devices, and wireless networks and fix these issues before they are exploited by a hostile third party. As penetration testing reveals your businesses most sensitive network vulnerabilities, you need a partner you can trust. Wavenet are an NCSC CHECK Green Light and CREST approved UK Penetration Testing consultancy. By engaging with Wavenets' CREST penetration testing services, you can be sure that testing will be conducted to the highest technical standards.

CREST & CHECK penetration testing services use a systematic methodology dependent on the type of engagement being undertaken. The Wavenet engagement model is as follows –

- **Initiation / Scoping** – Ensuring the delivery of work is exactly as you require, and the correct amount of time is allocated to your engagement.

- **Pre-Assessment** – Confirmation that your environment is accessible and ready for testing and all requirements have been completed.

- **Assessment** – Conducing the engagement as per the Scope of Work.

- **Post-Assessment** – Collection of all results and ensuring the tested environment has been tidied up.

- **Reporting** – Compilation of results.

- **Remediation Discussion & Support** – Discussions and explanation of all issues and where required further support for implementing changes as recommended within the deliverable.

Every assessment we perform is conducted according to UK industry approved methodologies, along with our own internal testing frameworks.

Key services include

- Infrastructure Security
- Mobile & Web Application Security
- Red Team Assessment
- PCI DSS Assessment
- Stolen Device Assessment
- Physical Security Assessment
- GDPR Assessment

Key business benefits include

- Evaluate Current Security Controls
- Risk Mitigation
- Security Standards Compliance
- Reputation Protection
- Avoid the cost of Network Downtime

Certified Penetration Testing Services

Assured Service Provider

in association with
National Cyber
Security Centre

CHECK Penetration Testing

CREST

Frequently Asked Questions

What software do you use?

Our consultants at Wavenet focus on manual testing where possible and whilst some tools are used to aid assessments, they will never be the focal point of the engagement. Commonly seen tools include NMap, Metapsloit, SQLMap, Nessus, Qualys, Nikto, SSLScan, Cobalt Strike and many, many more.

What is the goal of a Pen Test?

The end goal of a Pen Test varies from client to client and has many underlying factors, such as complexity of application and/or network, whether there have been previous tests, what kind of data the application/network holds and the size of the organisation. The most frequent goal clients give us is "Can you obtain our customer information?"

Do I pass/fail?

Penetration Testing should NOT become a Pass/Fail assessment for your organisation. It should be seen as an exercise to evaluate your current security posture with the aim to make as many improvements as possible. At Wavenet, we ensure the client can extract as much value from the assessment as possible. As such, our reports contain sections for both the executive team which is aimed at the risks to the business and a technical section for the development and IT teams.

How long does an assessment take?

The time it takes to conduct each assessment is dependent on the scope of the engagement. There are multiple factors which can impact the length of the engagement, such as network size, complexity of applications, size of organisation and whether the assessment is internal or external.

How often should we conduct a Penetration Test?

Penetration Testing should be performed on a regular basis to ensure newly discovered threats and previously recommended implementations are evaluated. In addition to this, penetration testing should occur when there is a substantial change to network infrastructure, a new web application is deployed and during or before mergers.

How much does a pen test cost?

The cost of a pen test is relative to the task at hand and the number of days required for our consultants to achieve the agreed goal and outcome. Wavenet operate a unique model whereby a security consultant / ethical hacker will accurately "scope' your engagement to ensure the correct amount of time required is conveyed. Wavenet have developed a proprietary piece of software to help customers easily request a quote which helps avoid a magnitude of irrelevant questions on a paper-based document.

Why is it important to use a CREST pen testing company?

Engaging with a CREST approved penetration testing company ensures a baseline level of quality for your security requirements. Wavenet are a qualified member of CREST, an international body for cyber security and pen testing.

Let's talk 0333 234 0011