Identifying risk is the first step in forming effective defence

Understanding if your business is ready to withstand the latest cyber threats is pivotal to a successful cyber security strategy. Determined cybercriminals will exploit any and all vulnerabilities to compromise an organisation's defences, meaning regular appraisal of infrastructure, people and processes is paramount.

Redscan's cyber security assessment services are designed to help identify weaknesses across your organisation and recommend remedial actions to address them. From Penetration and Vulnerability testing to extensive Red Team Operations designed to simulate a real-world attack, Redscan can uncover gaps in your security before the bad guys do.

Fully address your security exposures with our range of assessment services

Red Teaming - Experience a full-scale attack simulation
Test your business' ability to respond to a real-world cyber incident. An extensive Red Team Operation replicates modern adversarial techniques to comprehensively challenge your organisation's resilience and capacity to handle a sophisticated and highly covert attack.

Penetration Testing - Identify hidden gaps in your defences
Our CREST certified experts use multi-layered evaluations to uncover weaknesses that often go undetected by automated assessments and can lead to your organisation's infrastructure, systems, applications and personnel being compromised.

Vulnerability Assessment - Understand your level of risk
Integrating specialist scanning tools and experienced security professionals, our internal and external vulnerability assessment service helps you to define, identify, classify and address weaknesses across your network environments.

"Should I need any security testing again in the future, Redscan would be my first port of call!"

Stuart Barea, Project Analyst
STM Life Assurance

Business benefits

✓ Widely assess the capability of technology, people and processes to defend against the latest attacks

✓ Reveal gaps in security architecture so that new investments deliver the greatest improvements

✓ Understand the effectiveness of cyber defences and prioritise remediation of weaknesses

✓ Uncover lesser-known vulnerabilities that automated tools alone are unable to detect

✓ Significantly reduce information security risk to improve boardroom and investor confidence

✓ Receive help and support addressing complex security vulnerabilities

Key features

+ Cutting-edge hacking tools and assessment techniques ensure latest exploits are tested

+ Internal and external network assessments pinpoint weaknesses across your business' attack surface

+ Experienced ethical hackers: CREST CRT, CCT APP, CCT INF, CCSAM, CCSAS, OSCP, TIGER CTM, CEH

+ Utilises up-to-the-minute internal research and intelligence from leading exchanges like CiSP

+ Confidential engagements with no damage or disruption to network services

+ Clear, concise and detailed reports suitable for technical and management review

CREST.

SC 2018 awards EUROPE Winner Best Customer Service

2017 Computing Security Awards WINNER Pen Testing Solution of the Year

Our 9-step methodology

Redscan's assessment services are based on a systematic approach to vulnerability detection and reporting

1 **Scoping** of test to identify areas to attack
2 **Reconnaissance & intelligence** gathering
3 **Active scanning** of whole attack surface
4 **Identification & mapping** of key assets
5 **Analysis** of applications on target hosts
6 **Exploitation** of identified vulnerabilities
7 **Targeting** of high privilege accounts
8 **Pivot attacks** on other network systems
9 **Detailed reporting** and activity debrief

Assessments can cover

Infrastructure
Identifies and uncovers weaknesses across network infrastructure and assets

Wireless networks
Checks that wireless networks are securely configured to prevent unauthorised access to systems

Application code
Identifies security vulnerabilities contained within software source code to aid development and patching

Awareness of Social Engineering
Tests susceptibility of employees to fall for highly-targeted phishing and vishing attacks

Mobile security
Reviews the security of mobile apps based on the latest development frameworks and security tools

Firewall configuration
Checks to ensure firewall settings follow best practice and identifies rules that can be optimised or removed

Host configuration review
Ensures that operating systems and applications have been suitably hardened against threats

Websites applications
Inspects website for SQL injection and cross-site scripting problems plus flaws in application logic and more

Learn more about our services

Red Teaming

For a truly extensive assessment of security defences, a full-scale cyber-attack simulation is as close as you can get to understanding how prepared your organisation is to defend against a persistent human attacker. Conducted over an extended period, a Redscan Red Team Operation is designed to:

- Closely mirror the evasive practices of malicious attackers
- Fully test the effectiveness of technology, people and processes
- Rigorously challenge virtual and physical security controls
- Utilise purpose-built malware, social engineering, black hat tools and more

Penetration Testing

Internal and external penetration testing helps to uncover and address difficult to discover weaknesses across systems, websites, applications, and more. Redscan's CREST-accredited penetration testing service offers:

- Multi-layered assessments to detect wide-ranging and hidden flaws
- Deep, broad and balanced programmes to address business needs
- Detailed reports providing clear and analysis and advice

Vulnerability Assessment

Integrating specialist scanning tools and experienced security professionals, a Redscan managed vulnerability assessment provides the support needed to address core vulnerabilities and removes the administrative burden of conducting regular security evaluations in-house. The service includes:

- Internal, external and website assessments
- Support for on-premise and cloud environments
- Clear summary reports and remediation advice

Reasons to choose Redscan

✔ One of the highest accredited ethical hacking companies in the UK

✔ A deep understanding of how hackers operate

✔ Complete post-test care for effective risk remediation

✔ In-depth threat analysis and advice you can trust

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Safeguard your business today

Talk to our experts about a custom security assessment

EMAIL US
✉ info@redscan.com

CALL US
📞 0800 107 6098

ONLINE
📍 redscan.com