



ARMING BUSINESSES TO COMBAT MODERN CYBER THREATS

Award-winning cyber security services to defend
against increasingly sophisticated attacks

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Percentage of UK businesses to have identified at least one cyber attack in the last 12 months

72%

Of large businesses

64%

Of medium-sized businesses

42%

Of small businesses

Source: Cyber Security Breaches Survey 2018, Ipsos MORI

The average cost of a data breach

£2.94m

Source: 2018 Cost of Data Breach Study, Ponemon Institute

The threat landscape

Over 1million

New threats reported daily

197 days

Average time attackers can remain undetected on a network

Source: 2018 Cost of Data Breach Study, Ponemon Institute

Advanced solutions for all your security needs

Around the world, hardly a day goes by without cybercrime making headlines. From financially motivated ransomware attacks, to political hacktivism and espionage, threats are now more commonplace and damaging than ever.

Is your business ready to stand up to the latest threats?

Mitigating the risk of evolving threats is a key challenge for all organisations. Cybercriminals are well resourced, determined and frequently change their tactics to evade detection.

Having effective controls in place to tackle known and unknown threats is essential but with budgets being squeezed and a global shortage of security professionals, this can be easier said than done.

Cost-effective solutions for all security needs

Redscan's award-winning security services are designed to provide the vital assistance needed to make tangible improvements to your organisation's cyber security posture.

From custom assessments and compliance audits, to proactive threat detection and incident response, our friendly experts can be trusted to deliver affordable solutions for wide-ranging requirements.

“By understanding how attackers operate, Redscan's experts help you achieve a superior level of defence”

The evolving security landscape

Reasons your business' risk of suffering cyber-attacks is rising:



27.1 billion networked devices by 2021

Source: Cisco, VNI Mobile Forecast Highlights, 2016-2021



Hacking guides, resources and tools are now widely available on the internet

Cybercriminals are increasingly organised, well-funded and persistent in their approach



New technologies and trends such as cloud computing, IoT and BYOD are widening the attack surface



The rise of Big Data means that your business is processing more data than ever



Preventative security can no longer be relied upon to detect the latest evasive threats

68% of UK companies lack the cyber security workers to meet their needs

Source: (ISC)², 2018 Global Information Security Workforce Study



Your organisation is increasingly connected through the global supply chain



63% of organisations run IT operations in the cloud

Source: PwC, The Global State of Information Security Survey 2017

Security technologies are costly, high maintenance and can quickly become obsolete



There is a worldwide shortage of qualified security personnel

Over 27% of all attacks are the result of negligent employee or contractor behaviour

Source: Ponemon Institute LLC, 2018 Cost of Data Breach Study

Insider threats, both malicious and negligent in nature, are a mounting concern



Successfully bridging the security knowledge and resource gap



In an evolving digital economy, protecting your business requires defence in depth. From routine system maintenance to the performance of regular cyber assessments and 24/7 network monitoring, keeping out threats demands a combination of measures that only multiple layers of security can provide.

Unfortunately for many organisations, particularly those without specialist security skills and resources, implementing the processes and controls needed to mitigate risk can be hard to achieve. Redscan exists to help businesses addresses today's mounting cyber security challenges. Leveraging experienced security experts, cutting-edge tools and threat intelligence, our range of cost-effective services are designed to:

- + **Assist the development and implementation** of cyber security strategy
- + **Pinpoint vulnerabilities** using real-world attack techniques
- + **Proactively hunt for, detect and eliminate** cyber threats
- + **Alleviate the heavy lifting** of day-to-day security operations
- + **Deliver actionable intelligence** to aid threat remediation and resource allocation
- + **Improve awareness of security** amongst technical and non-technical personnel
- + **Provide help, support and advice** when needed
- + **Save money** compared to making in-house security investments

Our 'offensive' approach to cyber security

Successful defence requires a deep understanding of the latest threats. Redscan's extensive skills and experience in offensive security means our experts can be trusted to provide the insight needed to better protect your business. Application of our 'red team' hacking knowledge is central to our approach, enabling us to continually improve the effectiveness of our services.

REDSKAN'S AWARD-WINNING SERVICES



Assess

Through a range of custom security and ethical hacking assessments, we help you to understand and minimise your organisation's level of cyber risk plus address weaknesses before they can be exploited maliciously.

- Vulnerability Assessment
- Penetration Testing
- Social Engineering
- Red Team Operations
- Virtual CISO



Detect & Respond

With Managed Detection and Response, we proactively hunt for threats that evade your perimeter security and provide the incident response capabilities needed to respond swiftly and effectively.

- ThreatDetect™ Managed Detection & Response
 - Network MDR
 - Endpoint EDR
- Cyber Incident Response



Comply

In order to ensure that your security policies and controls keep pace with evolving business and compliance needs, we help you devise and implement a robust cyber strategy.

- GDPR
- PCI DSS
- GPG13
- Cyber Essentials

ASSESS

VULNERABILITY ASSESSMENT



Business growth, IT obsolescence and new technology trends mean that every organisation's attack surface is constantly changing. Understanding and keeping on top of new security exposures is therefore central to effective cyber risk management.

Redscan's Managed Vulnerability Assessment service helps to define, identify, classify and address weaknesses across your organisation's network environments. Integrating specialist scanning tools and experienced security professionals, it provides the advanced level of support needed to address core vulnerabilities and removes the administrative and maintenance burdens of conducting regular security evaluations in-house.

**Is ideal for all environments**

Address risks across on-premise and cloud environments with internal, external and website assessments.

**Identifies wide-ranging risks**

Uncover vulnerabilities such as out of-date software, open ports, insecure credentials and application-level weaknesses.

**Provides helpful remediation support**

Receive clear summary reports, with the recommendations and remediation advice needed to quickly address exposures.

ASSESS

PENETRATION TESTING



Ensuring that defences are suitably hardened against advanced persistent threats is the next step in improving your business' security posture. Determined cybercriminals will exploit any and all vulnerabilities to compromise defences, meaning rigorous appraisal by an experienced ethical hacker is important for pinpointing weaknesses that automated assessments can miss.

Redscan's CREST accredited Penetration Testing service is designed to identify and safely exploit gaps across your infrastructure, systems and applications. Following proven and robust methodologies, our white hat experts attempt to safely compromise target assets and provide detailed reports that aid understanding of hidden risks and the remedial actions needed to address them.

**Uncovers hidden vulnerabilities**

Locate difficult to discover weaknesses that automated tools are unable to detect, such as those affecting software source code, web and mobile applications, firewalls, wireless networks, and more.

**Utilises advanced hacking methodologies**

Understand how well equipped your organisation is withstand the very latest blackhat tools and methods such as phishing, SQL injection, brute force and deployment of custom malware.

**Is customised to your needs**

Choose a deep, broad or balanced pen test programme to addresses your exacting requirements. We offer internal and external tests, following whitebox and blackbox methodologies.

ASSESS

SOCIAL ENGINEERING



Psychological manipulation of people into performing adverse actions or divulging confidential information is a common approach used by criminals to compromise your business' cyber security. By creating emails and web pages that imitate those of known individuals and organisations, fraudsters aim to trick individuals into clicking dangerous links or attachments, or divulging personal information.

Redscan's Social Engineering service is designed to thoroughly assess the ability of your organisation's systems and personnel to detect and respond to a targeted phishing attack. By mirroring the tactics, techniques and procedures used by genuine adversaries, this custom assessment helps to challenge defences, identify data leaks, uncover weaknesses in human behaviour, and improve cyber awareness.

**Establishes level of risk**

Understand how susceptible your employees are to targeted phishing and spear phishing attacks.

**Identifies data leaks**

Gain visibility of the information that an attacker could gather about your business using intelligence freely available in the public domain.

**Raises cyber awareness**

Improve cyber security awareness by using in-house examples to highlight good and bad practice.

ASSESS

RED TEAM OPERATIONS



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.

A Red Team Operation from Redscan is designed to far exceed the remit of traditional security test by challenging the effectiveness of technology, personnel and processes to detect and respond to an attack. The highly targeted and covert nature of the service means that engagements are usually conducted without the knowledge of all key personnel. Unlike real-life attacks they are not designed to inflict damage.

- ✓ **Utilises latest attack methods**
Conducted over an extended period of time, a Red Team Operation mirrors genuine attacks by including detailed reconnaissance and utilising latest black hat tools and techniques.
- ✓ **Stress tests response to attacks**
Learn how effective your organisation's cyber security really is by assessing preparedness to identify, contain and remediate a focused attack.
- ✓ **Helps address vulnerabilities**
Receive important post-operation support to address any security exposures identified.

ASSESS

VIRTUAL CISO



In the midst of a global talent shortage, recruiting a dedicated professional with the knowledge and leadership required to devise and execute a successful cyber security strategy is time-consuming, expensive and therefore often simply not viable.

Redscan's Virtual Chief Information Security Officer (vCISO) service enables your business to call upon a highly-qualified and experienced security professional as and when required. By acting as an extension of in-house resources and fully understanding business needs and strategy, a Redscan vCISO can help to assess cyber risk plus develop and implement the policies, procedures and controls needed to strengthen defences and achieve compliance standards.

- ✓ **An experienced security expert**
Benefit from the support of a senior security professional, wholly familiar with the challenges of information security management.
- ✓ **A consumption-based approach to security**
Commission a Redscan vCISO to provide regular counsel, assist on a per-project basis, or help during critical business periods.
- ✓ **Tailored to business needs**
Receive expert assistance performing security assessments, audits, health checks, awareness training and more.

DETECT & RESPOND

THREATDETECT™



The advanced and evolving nature of cyber threats means that even with strict security controls in place, your business is still not immune to being compromised. To minimise cyber security risk, having the capability to identify and eliminate attacks that evade your perimeter defences is now essential.

ThreatDetect provides the around-the-clock protection needed to safeguard against the latest sophisticated threat actors. Integrating leading security professionals, advanced detection and deception technologies, and latest industry intelligence, this award-winning MDR service monitors network infrastructure and endpoints to hunt for threats and provides the early notification and remediation advice necessary to respond swiftly and effectively.



✓ Experienced security professionals

Redscan's 24/7 Cyber Security Operations Centre, the heartbeat of our ThreatDetect service, is staffed by an expert team of threat hunters, security analysts and engineers. By understanding the way that attackers operate, our professionals greatly enhance detection of known and unknown threats.

✓ Latest detection and deception technologies

Benefit from one complete security platform, incorporating SIEM, Intrusion Detection, Behavioural Monitoring, Endpoint Analytics, Vulnerability Scanning, Honeypot Sensors and more.

✓ Leading threat intelligence

The aggregation of global threat information from sources such as CiSP with in-house Redscan Labs research provides the level of intelligence needed to identify and respond to the latest attacks.

Included as part of this affordable Managed Detection & Response service:



Full system deployment and management

All included security technologies are fully installed, optimised and maintained.



Event monitoring and investigation

Our experts undertake 24/7 network and endpoint monitoring to provide early notification of genuine incidents.



Cyber incident response

Qualified incident responders are on hand to minimise business disruption by ensuring a rapid response to threats and breaches.



In-depth reporting and analysis

Custom security reports provide the clear advice needed to enhance situational awareness and track service performance.

“A determined hacker will break through even the most resolute defences. Being able to spot an early sign of attack is crucial”



CyberOps™

Included as part of ThreatDetect, this real-time threat management platform integrates with all underlying security technology to enable our CSOC personnel to deliver genuine incident notification and remediation guidance to your in-house teams.

“Delivering the intelligence to respond to attacks via one customisable monitoring, incident alerting and analytics platform”

DETECT & RESPOND

CYBER INCIDENT RESPONSE



For any organisation affected by a cyber-attack, a clear understanding of the situation is needed to take control of the breach, avoid panic measures that can inflame the situation and put in place an effective response plan.



Redscan's CREST accredited Cyber Incident Response Service is designed to help your business manage and overcome critical security events. Our experienced experts are skilled at mitigating the damaging effects of cyber-attacks, investigating how they propagate and providing swift, clear remediation advice.

✓ **Support and assistance 24/7**

Should the worst happen, our experienced incident responders are always on hand to assist your business' response and help minimise any possible damage.

✓ **Thorough breach investigation**

We utilise host-based analysis, the latest digital forensic techniques and reverse engineering to help identify the type and source of an attack, how it spread, and what systems, data and personnel have been compromised.

✓ **Full incident reporting**

By conducting a detailed post-incident review and producing clear reports, our experts help to communicate the effects of a breach to relevant stakeholders and assist with the implementation of short and long-term remedial actions.

Compliance is not a tick box exercise

In today's fiercely competitive and regulated global economy, all businesses have a responsibility to protect sensitive employee, customer and partner data. Organisations that fail to take their cyber security seriously risk large fines as well as less visible costs such as reputational damage, customer attrition and higher insurance premiums.

Redscan's complete range of security services are designed with both operational and regulatory requirements in mind. By working closely with your business, we work hard to understand your needs and offer the solutions needed to support current and future requirements.

“A successful cyber-attack can ruin a firm's reputation, cause financial losses, compromise intellectual property and result in legal action”

Regulations and standards we can help with:

- ▶ **GDPR** To support General Data Protection Regulation compliance, Redscan can help your organisation to safeguard personal data as well as proactively detect and report breaches.
- ▶ **PCI DSS** We reduce the cost and complexity of meeting the lengthy list of information security requirements that affect organisations that processes, transmit or store credit and debit card payment information.
- ▶ **ISO 27001/2** Our experts ease the pain of implementing this internationally recognised security management standard by identifying risks and helping to implement appropriate controls.
- ▶ **GPG 13** If your organisation operates within the public sector, we can help you demonstrate compliance with Good Practice Guide 13, a protective security monitoring framework.
- ▶ **Cyber Essentials** As an approved Cyber Essentials accreditation body, Redscan can help organisations to achieve certification with the UK-Government backed Cyber Essentials and Cyber Essentials Plus standards.

THE REDSCAN MISSION

We're on a mission to become the UK's de-facto provider of managed security services. As one of the fastest-growing businesses in our sector, we're committed to making enterprise-grade cyber security affordable for all organisations.

Our awards and accreditations include:



Our core set of principles



Thinking like a hacker

We stake our reputation on keeping pace with those instigating cyber-attacks. By fostering a collaborative approach between our 'red team' ethical hackers, 'blue team' security analysts and dedicated Redscan Labs researchers, we possess a deep understanding of 'offensive security' and utilise this knowledge to improve the effectiveness of our services.



Offering clear advice

Cyber security can be daunting but Redscan ensures it doesn't have to be. By working closely with our customers and using plain language, we take away the hassle and confusion of managing security in-house, offering the assurance organisations need to focus on core business activity.



Exceeding expectations

We take pride in delivering the highest levels of service to ensure our customers receive the best possible threat information, analysis and advice. Our customer satisfaction and retention levels are exceptional, reflecting the talent and dedication of our team.

REDS CAN LABS



Redscan Labs is a specialist division dedicated to in-house threat research and analysis. Our expert researchers closely monitor the security landscape to understand the latest tools, tactics and procedures used by criminal attackers and apply this knowledge to ensure our services are as effective as possible.

How you benefit from our security research:

Up-to-the-minute intelligence

Utilising leading external intelligence alongside in-house research, Redscan Labs ensures your business receives the latest security information and advice at all times.

Early threat detection

Conducting detailed threat forensics, including malware analysis and reverse engineering, our team identifies indicators of compromise that can help to aid early detection of attacks.

The best available technology

By integrating the latest cyber security innovations into our services, Redscan Labs ensures that your business always benefits from the most effective threat detection technology available.

Enhanced services

By keeping abreast of the latest security exploits, our Labs team enhance the effectiveness of threat hunting and monitoring, keep security systems optimised and improve triage procedures.

Why we're the right choice for your cyber security needs

- ✓ A team of experienced security experts qualified to world-class standards
- ✓ Cost-effective, scalable solutions that remove the need for upfront investment in security resources
- ✓ A deep understanding of how attackers operate
- ✓ In-depth security analysis and advice that cuts through the complexity
- ✓ A commitment to continuously enhance our services using the best technology and intelligence
- ✓ Regular service reviews to support evolving security needs



“Redscan is one of the highest accredited ethical hacking companies in the UK”

“On average, customers rate our managed services 9/10 for overall satisfaction”

Source: Redscan Customer Survey 2018

The choice of leading businesses



“Our partnership with Redscan has been one of the most successful that we have ever undertaken”

Lee Lambard, IT Director ICG PLC



“ThreatDetect is a cost effective service that gives us peace of mind that we are doing all we can to protect our clients, our business, our staff, our counterparties and other partners”

Ben Lloyd, Head of IT Infrastructure, TT International



“If you want a solution where someone will look after you 24/7 and give you a very flexible, professional and agile service – you want Redscan”

Mariusz Sznerch, Lead IT Infrastructure Architect, Pizza Hut Restaurants



“Redscan staff are always on hand to provide swift, clear advice. They help us keep a constant eye on our network and respond quickly to incidents to ensure systems remain operational.”

Richard Andrews, King Edward VII's Hospital



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

Stuart Barea, Project Analyst/Developer, STM Life

“Mitigate your business’ cyber security risk with Redscan’s affordable range of security services”






SAFEGUARD YOUR BUSINESS TODAY

Talk to our experts on securing your
critical assets

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