



# ARMING BUSINESSES TO COMBAT MODERN CYBER THREATS

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Leading security services to defend against  
increasingly sophisticated attacks

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Who's already  
been breached?

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**90%**

Of large businesses

**74%**

Of small businesses

Source: Information security breaches survey, PwC (2015)

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The average  
cost of a single  
security breach

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Large businesses

**£1.46m - £3.14m**

↑ Up from £600k - £1.15m a year ago

Small businesses

**£75k - £311k**

↑ Up from £65k - £115k a year ago

Source: Information security breaches survey, PwC (2015)

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The threat  
landscape

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**Over 1million**

New threats reported daily

**146 days**

Average time attackers can remain  
undetected on a network

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# A cost-effective solution for all your security needs

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Around the world, hardly a day goes by without cybercrime making headlines. From embarrassing security breaches at top corporations to political hacktivism and ransomware, attacks are now commonplace and more sophisticated and damaging than ever.

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## How prepared is your business for the latest threats?

A key problem for many organisations is fully understanding and being prepared to deal with the latest advanced threats. Cyber criminals are well resourced, determined and frequently change their tactics to evade defences. Effective security risk management is a must but this requires a leading mix of people, processes and technology, all of which can require significant investment. Putting in place the right defences is a challenge, particularly for small and mid-market organisations that lack the same resources as enterprises.

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## A cost-effective solution for all your security needs

Redscan's flexible range of security services are designed to offer businesses of all sizes an affordable way to stay on top of the latest security threats. Merging leading security personnel with cutting-edge technology and threat intelligence, we act as a virtual extension of in-house resources to identify, detect and respond swiftly to threats before they cause damage.

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*“Less visible costs such as operational disruption and devaluation of trade name can result in a ninefold increase in the overall cost of a cyber-attack”*

Source: Beneath the surface of a cyberattack, Deloitte (2016)

# Security services for a growing threat landscape

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The daily emergence of new, sophisticated threats means that a comprehensive approach to cyber security is needed. Businesses relying exclusively on traditional methods of protection leave themselves open to advanced attacks which can too easily evade these defences.

Effective defence is built upon a proactive prevention and detection strategy. The cost of implementing the right people, technology and processes needed to provide the essential around the clock protection can however place a huge strain on already stretched IT resources. Receiving the right advice is crucial as investment in inadequate systems can leave organisations exposed.

## Redscan's dedicated services are designed to:

- Proactively **detect and remove cyber threats** using real-world attack techniques
- Provide **24/7 visibility** of network events and threats
- Deliver **actionable intelligence** to aid **threat remediation** and allocation of resources
- Improve **awareness of security threats** amongst technical and management teams
- Offer a **major cost saving** compared to in-house investment in technology and resources
- **Save time and effort** by cutting through large volumes of false alarms and background noise

# Our approach to security

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## Assess

By adopting the same tools and tactics as cyber criminals, our experts help organisations to identify the weaknesses an attacker could exploit. We test the ability of in-house teams to respond to attacks and recommend improvements that will limit any identified security exposures.

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## Detect & Respond

Combining expert knowledge and threat intelligence with the latest detection technologies enables us to proactively monitor an organisation's whole threat landscape to quickly identify and respond to threats before they cause financial and reputational damage.

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## Comply

Through a process of regular assessment and appraisal, we help organisations to develop a strategic plan that ensures security policy keeps pace with the millions of new threats released daily. We can help implement new detection capabilities and train employees to improve threat awareness.

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*“Our in-depth understanding of hackers’ tools and techniques ensures our clients can effectively manage their information security risk”*

## ASSESS

# RED TEAM OPERATIONS



Today's determined cybercriminals will exploit even the tiniest of vulnerabilities to compromise a business. Without up-to-date knowledge of attack processes and vulnerabilities however, identifying weaknesses across an organisation can be resource intensive as well as leave threats undetected and critical assets exposed.

For businesses that want an in-depth assessment of their organisation's defences beyond the standard remit of a penetration test, Redscan offers red team engagements. These are full-scope real-world attack simulations that are designed to test the preparedness of an organisation against sophisticated and targeted attacks.

- ✓ **End-to-end security assessments**  
Assess and evaluate security processes, personnel and technology against a real-world simulated attack
- ✓ **Intelligence-led testing**  
An accurate simulation replicates the reconnaissance work undertaken by criminals and their patient, under the radar approach to conducting attacks
- ✓ **Latest attack techniques**  
A red team engagement goes beyond the methodology of a standard penetration test by using advanced methods such as social engineering and deployment of custom malware to covertly compromise a network and highlight the data that can be exfiltrated

ASSESS

# PENETRATION TESTING



Understanding if your business is prepared to stand up to the latest cyber threats is pivotal to putting in place an effective prevention strategy that won't break the bank.

Redscan's CREST approved penetration testing services are designed to rigorously investigate an organisation's network infrastructure to identify security vulnerabilities. Following proven and robust methodologies, we attempt to harmlessly compromise key assets and provide detailed reports that help raise awareness of risk and support remedial action that needs to be undertaken.

- ✓ **Identify vulnerabilities**  
Uncover weaknesses across systems, software, source code, web and mobile applications, firewalls, wireless networks, and employee behaviour
- ✓ **Advanced attacker methodologies**  
Learn how well equipped your organisation is to stand up to the very latest attack techniques and uncover vulnerabilities that automated testing tools are unable to detect
- ✓ **Customise to your needs**  
Choose a pen test solution that provides a deep, broad or balanced programme to addresses your exact requirements

## ASSESS

# SOCIAL ENGINEERING



Psychological manipulation of people into performing actions or divulging confidential information is a common approach used by criminals to infiltrate both physical and cyber defences.

Redscan evaluates how employees respond to social engineering attempts by using real-world approaches and information gathering techniques such as phishing and vishing.

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- ✓ **Establish vulnerability**  
Gain visibility of the data that an attacker could gather about your business using publicly available intelligence and gauge whether security controls are able to identify and prevent malicious behaviour
  - ✓ **Test human behaviour**  
Assess both human and technical ability to prevent or identify phishing, vishing or physical social engineering attacks
  - ✓ **Raise awareness**  
Improve defences and employee security awareness training through increased visibility of weaknesses

DETECT &amp; RESPOND

# CYBER INCIDENT RESPONSE



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

Redscan's Incident Response Services are designed to help businesses manage critical security incidents. Our experienced team of security experts are skilled at handling the fall out of a cyber-attack and can help mitigate any situation by conducting a full forensic investigation and providing clear advice about how to resolve immediate and long-term issues.

- ✓ **Latest forensic techniques**  
We utilise the latest forensic methods, host-based analysis and reverse engineering to isolate the source of attack and identify assets that may have been compromised
- ✓ **Incident response planning**  
From insider threats to financial crime and hacktivism, our team are experienced at handling a wide range of threat actors across business sectors
- ✓ **Policy implementation**  
Working with internal stakeholders across your organisation, our specialists can help you to devise the procedures required to minimise threats and improve cyber security awareness amongst employees

## DETECT &amp; RESPOND

# MANAGED DETECTION & RESPONSE



The covert nature of cyber threats means that a business is at risk of being compromised at any moment, often when least expected.

To identify attacks before they cause damage, organisations not only need dedicated technology but skilled personnel to provide continuous event monitoring and incident management 24/7, 365 days a year. With business networks continuing to grow through the proliferation of cloud services, BYOD and remote working, the challenge of monitoring the complete threat landscape is increasingly problematic.

**ThreatDetect™**, Redscan's managed detection and response service, provides the around the clock protection businesses need to guard against the latest internal and external attacks. Integrating cutting-edge detection technology with expert human analysis, this 24/7 Security Operations Centre-as-a-service proactively monitors network infrastructure and assets to hunt for threats and provide the early notification and remediation advice necessary to respond effectively and rapidly.

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

-  **Leading detection technology**

Benefit from one complete security analytics platform incorporating Security Information and Event Management (SIEM), Intrusion Detection System (IDS), vulnerability scanning, asset management, behavioural analytics and adaptive honeypots
  
-  **Integrated intelligence**

Obtain fully integrated threat intelligence to ensure rapid detection of new threats and vulnerabilities. Our intelligence includes alliances with leading intelligence providers, Redscan's red team threat research, and industry sharing programs such as CiSP from CERT-UK
  
-  **Rapid notification of threats**

Receive fast notification of threats, clear reports that help you prioritise remediation and a live picture of security health via an easy to use and customisable web-based portal

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*“Redscan’s ThreatDetect service is considerably more affordable than other managed IT security services”*

Ben Lloyd, Head of IT Infrastructure  
TT International

# Compliance is not a tick box exercise

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In today's fiercely competitive and regulated business landscape, organisations have a responsibility to show that they are dedicated to the permanent protection of sensitive data relating to their clients and partners. Organisations that fail to take cyber threats seriously risk customer attrition, missing out on important business contracts, reputational damage and industry fines.

Redscan's complete range of security services are designed with regulatory requirements in mind. Having achieved accreditation from major professional bodies, we're able to cut through the complexity to offer the guidance, protection and reports needed to ensure quick, hassle-free compliance.

## Did you know?

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A cyber breach could result in a **GDPR fine** of up to **4%** of global annual turnover.

Source: The General Data Protection Regulation

# Need help with your regulatory requirements?

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- ✓ **PCI DSS**  
Redscan's fully managed PCI monitoring service is designed to meet the needs of any organisation that processes, transmits or stores credit and debit card payment information
- ✓ **ISO 27001/2**  
Our experts reduce the pain of implementing this internationally recognised information security management system by identifying risks and helping to put appropriate controls in place
- ✓ **Cyber Essentials**  
We've achieved Cyber Essentials Plus accreditation to assess an organisation's security controls against the framework outlined by the UK government
- ✓ **GPG 13**  
Demonstrate compliance with Good Practice Guide 13, a protective security monitoring framework for public sector organisations

## Our certifications



# The Redscan mission

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We're on a mission to become the UK's de-facto managed threat detection and response provider. As one of the fastest-growing businesses in our sector, we're committed to protecting our customers against the latest cyber threats by offering enterprise-level security protection for less cost.

Our winning approach to defence is based upon adopting the mindset of the adversary. By pairing talented and passionate people with cutting-edge detection technology and threat intelligence, we stay ahead of the curve to provide continuous proactive protection. Redscan's customers include companies of all sizes, including some of the world's most recognisable brands.



# Our core set of principles

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## Thinking like a hacker

Our reputation is built on keeping pace with those instigating cyber-attacks. With continuously evolving threats, it is the collaborative approach of our ethical hackers and security analysts that drives our threat intelligence and allows us to retain our excellence in defending against the latest attacks.



## 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 speak, we take away the hassle and confusion of managing security in-house and provide the assurance an organisation needs to focus on its 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 retention levels are exceptional, reflecting the focus and dedication of our team.

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

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## Dedicated

- A strong determination to hunt and lock down threats
  - A pledge to keep you constantly informed about your security posture
  - A commitment to continuously enhance our services with the latest detection and prevention technologies
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*“Our UK-based SOC operates tirelessly to safeguard your business 24/7”*



## Focused

- A friendly and accessible team acting as a virtual extension of your in-house resources
  - Improving the effectiveness and ease of our solutions through implementation of customer feedback
  - Regular reports and service reviews to keep your IT and management teams updated about your security posture
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*“Over 99% of customers are extremely satisfied with our service”*

Based on Redscan Customer Survey January – August 2016



## Experts

- In-depth analysis and advice you can trust
- Experience protecting customers across finance, law, retail and more
- A team of elite security professionals qualified to world-class standards

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



## Flexible

- Cost-effective security solutions that can be tailored to meet exacting technical and commercial requirements
- Easy to manage technology that is deployable on-premise (virtual or physical) or in the cloud
- Highly scalable solutions designed to keep pace with your growing network infrastructure

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*“A fully managed 24/7 security service can cost less than hiring just one additional security engineer”*

# Trusted across industries

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## Financial services

The financial services market is one of the most tightly regulated sector of all. Redscan's solutions not only enable organisations such as banks, hedge funds and brokers to achieve compliance, they also support critical business processes.



*“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

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## E-commerce

Almost all businesses today have an online presence so putting in place effective security solutions to protect critical business systems and data as well as comply with regulations such as PCI DSS is essential.



*“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

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



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# SAFEGUARD YOUR BUSINESS TODAY

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Talk to our security experts about protecting your critical assets

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