

# 10 STEPS TO CYBER SECURITY BEST PRACTICE

A staggering 88% of UK companies suffered a data breach in the last year alone, and one in three companies report losing customers as a result of a data breach. This makes cyber security a top priority for the whole of the UK economy.

**88%**  
OF UK  
COMPANIES  
BREACHED

Follow this 10-point best practice guide to stay ahead of the hackers and keep your data secure.

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## PENETRATION TESTING

Penetration testing is the cornerstone of a cyber security defence strategy, thanks to its use of human insight and ingenuity to find flaws that automated scans would miss. This gives you the power to fix complex security weaknesses and so prevent data breaches.



“Without a penetration test, the first you’ll know of a critical security weakness is when you’re hacked.”

2

## VA SCANNING

By assessing services, ports, applications, network devices, servers and other components, you can see where your organisation is vulnerable to attack. This allows you to fix security weaknesses before an opportunist hacker exploits them.



“Monthly VA scanning is seen as the industry standard.”

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## ATTACK SURFACE SCANNING

Attack Surface scanning uncovers online cyber reconnaissance data that’s normally hidden from your organisation. Gaining oversight of this data allows you to remediate the risk that would otherwise go unnoticed and unmitigated.



“Attack Surface scanning shows what your organisation looks like through the eyes of a hacker.”

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## SECURITY AWARENESS TRAINING

Your staff have the potential to be your most effective line of security, or your biggest risk. With 76% of UK businesses affected by phishing attacks, it’s vital to ensure that all staff are aware of their security responsibilities and the consequences of their actions.



“Security training has the potential to be one of the most powerful tools in your cyber defence arsenal.”

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## CYBER ESSENTIALS

Certifying as Cyber Essentials or Cyber Essentials Plus helps demonstrate to customers a good commitment to cyber security. In addition to helping win new business, Cyber Essentials certification is also a pre-requisite for bidding for UK government contracts.

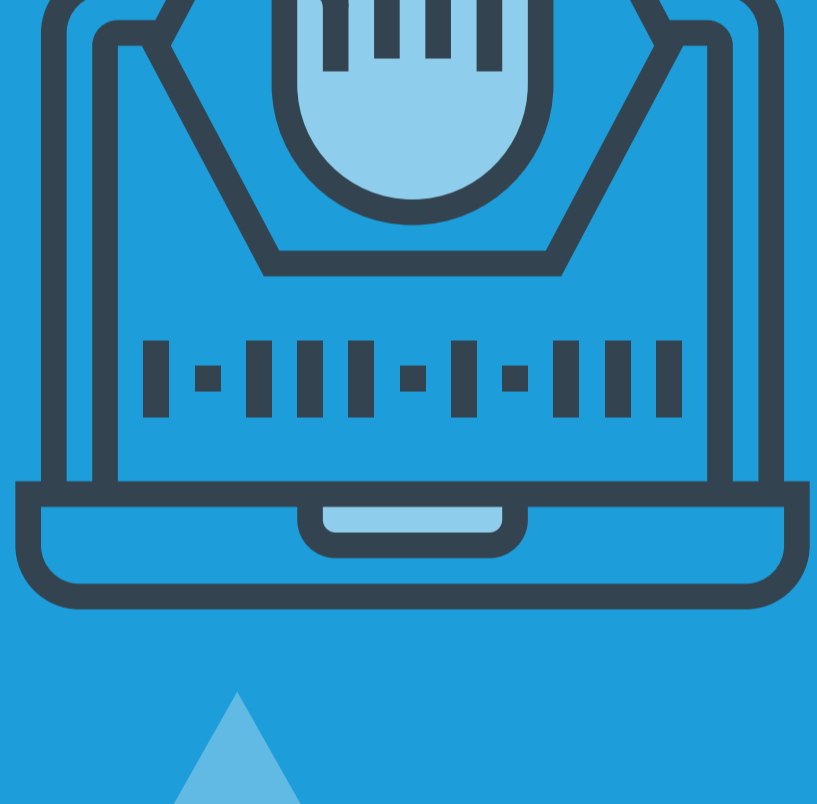


“Cyber Essentials Plus is mandatory for NHS by 2021 and permits businesses to accept MoD contracts.”

6

## DEVICE SECURITY

The data in both employee-owned and corporate-owned devices makes them valid targets for hackers. So it’s vital that all devices within an organisation are kept secure against attack, regardless of who owns and manages them.



“Creating and enforcing a strong BYOD policy can really boost your organisation’s security.”

7

## GDPR

GDPR compliance ensures your organisation manages and maintains policies, processes and technical controls. Successfully maintaining GDPR can provide a real boost to customer confidence and greater data security.



“GDPR enables strong data protection controls that lower the risk of data breaches and costly fines.”

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## MANAGED SIEM

A good SIEM solution can provide the greatest level of cyber protection when implemented correctly, but high staffing costs typically put true SIEM services out of reach of many organisations who need it.

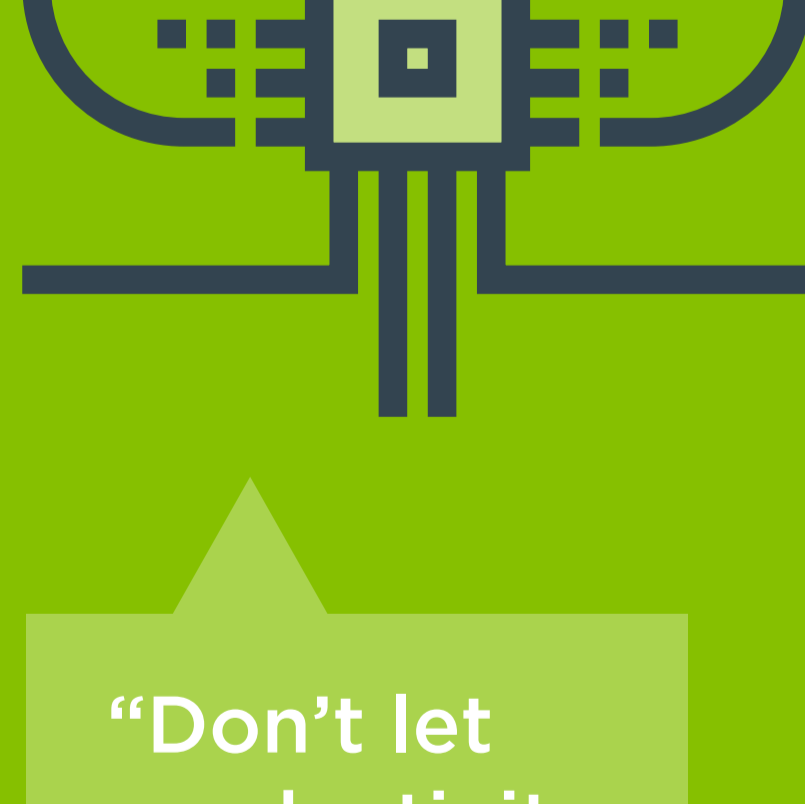


“Outsourcing to a managed SIEM provider gives 24/7 protection without the sky-high cost.”

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## CLOUD SECURITY

Cloud services sit at the core of modern businesses, but regular security overviews are needed to give assurance that your cloud environment is configured correctly to keep your sensitive data secure.



“Don’t let productivity compromise security.”

10

## PRIORITISE THREATS

Cyber threats come from a variety of places, with each representing a different risk to your business. Prioritising threats according to their severity allows organisations to maintain maximum security for minimum cost.



“Effectively managing threat priorities lets you allocate resources effectively.”

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## HOW ASSURED ARE YOU ABOUT YOUR SECURITY READINESS?

Download our complete checklist to assess your business in the 10 core areas.

 [www.bulletproof.co.uk/security-checklist](http://www.bulletproof.co.uk/security-checklist)

## LEARN HOW YOU CAN IMPROVE YOUR SECURITY POSTURE

Schedule a free consultation with a Bulletproof security expert today.