

10 WAYS TO STRENGTHEN YOUR ORGANISATION'S CYBER SECURITY IN 2018

The sheer scale and advanced nature of online threats facing today's businesses is unprecedented. With the financial and reputational costs of suffering a cyber breach set to escalate further with a General Data Protection Regulation fine, the need to bolster your organisation's cyber security has never been more important.

Did you know?

£1.9 Billion

The size of the fine supermarket chain Tesco would face under GDPR for a 2016 cyber-attack on its bank that led to 20,000 customer accounts being compromised.

PROVEN SECURITY CONTROLS TO PROTECT YOUR BUSINESS



1. Improve employee awareness

Introduce formal workplace training and simulated attack engagements to highlight the importance of cyber security and educate employees about common risks, such as opening email attachments from unknown sources.



2. Keep software and applications up-to-date

Check that all installed software, including operating systems, firmware and applications, is licensed and fully up-to-date. Don't forget to patch oft-forgotten devices such as printers, webcams and conferencing equipment.



3. Tighten password security and storage

Prevent staff and customers from setting common passwords by enforcing rules and complexity, such as use of special characters.



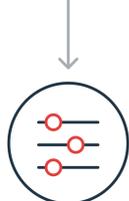
4. Review access permissions

Restrict employee access to essential applications, devices and networks. When staff transfer roles or leave employment, ensure that privileges are reviewed and, if necessary, revoked.



5. Arrange a penetration test

Uncover gaps in your organisation's security by commissioning an experienced ethical hacker to rigorously test infrastructure, technology, applications and processes.



6. Improve configuration of systems and devices

Regularly review firewall rules as well as the security settings of systems, applications and devices to ensure that they are suitably hardened to protect against common exploits such as out-of-the-box configuration issues.



7. Set up or outsource a Cyber Security Operations Centre (CSOC)

Hunt for and identify attacks before they cause damage with your own 24/7 threat detection and incident response service integrating qualified security personnel, latest technology and up-to-date intelligence.



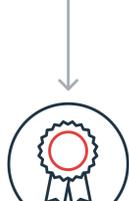
8. Assess physical security controls

Upgrade on-site security to prevent unauthorised access to critical areas such as server rooms and prohibit use of USB sticks and other portable devices to prevent data exfiltration and introduction of viruses.



9. Put in place an incident response plan

Minimise your organisation's security risk by encouraging key stakeholders to perform comprehensive cyber security risk and business continuity assessments.



10. Achieve Cyber Essentials certification

Enhance the reputation of your organisation by undertaking this government-backed scheme designed to raise security standards.

Here to help with your cyber security needs

From simulated attack engagements and penetration testing to managed threat detection and incident response, Redscan's award-winning security services help organisations of all sizes minimise cyber security risk and archive compliance with the incoming GDPR.



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