

10 WAYS TO STRENGTHEN YOUR ORGANISATION'S CYBER SECURITY IN 2019

The scale and advanced nature of cyber threats targeting businesses today is unprecedented. With the list of organisations to have suffered damaging data breaches growing almost daily, the need to continually improve defensive capabilities has never been more important. This starts by keeping on top of basic cyber hygiene.

Did you know?

£2.58 Billion

The cumulative number of user records compromised following the biggest data breaches of 2018.

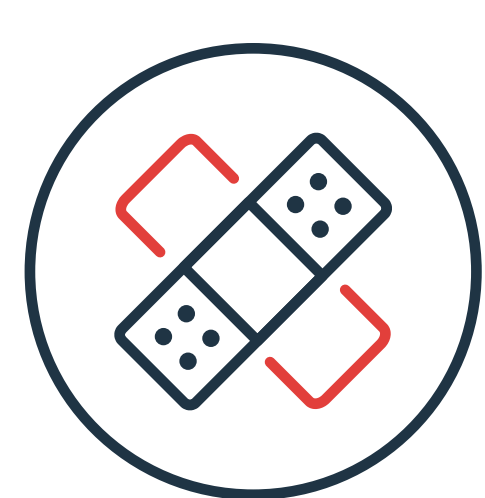
Source: Business Insider

PROVEN SECURITY CONTROLS TO PROTECT YOUR BUSINESS



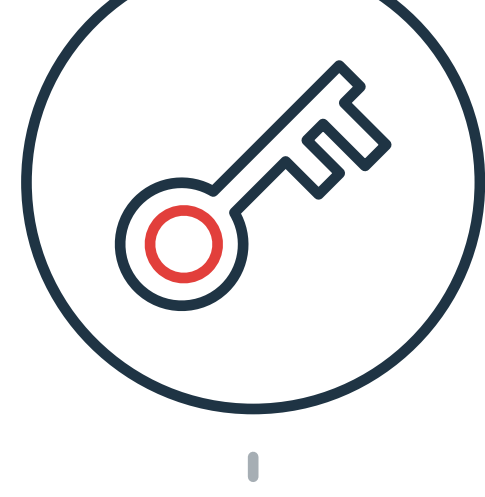
1. Improve employee awareness

Conduct formal workplace training and simulated attack engagements to highlight the importance of cyber security and improve awareness of common risks such as phishing scams.



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

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



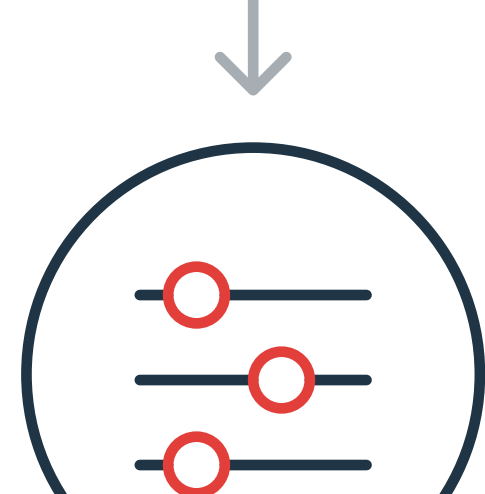
4. Review access permissions

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 networks, systems and applications for hidden vulnerabilities.



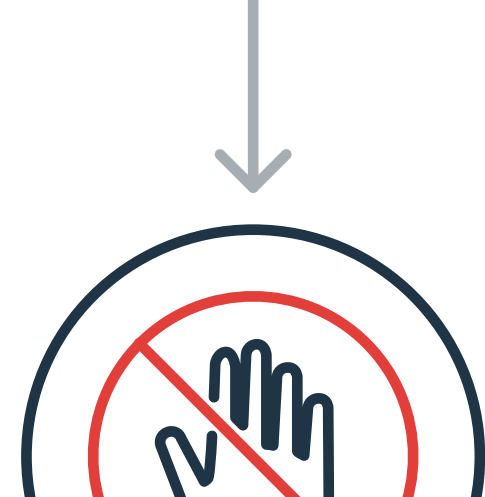
6. Improve configuration of systems and devices

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.



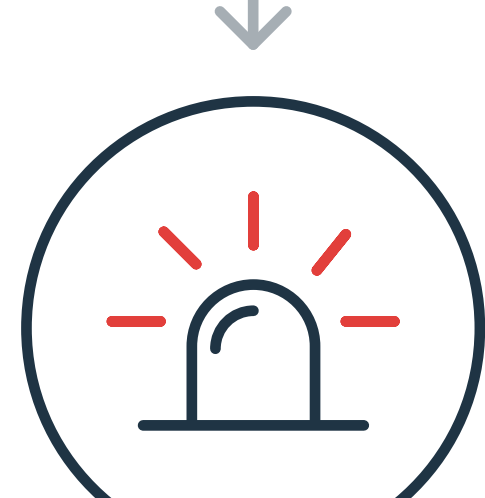
7. Conduct proactive network and endpoint monitoring

Improve your organisation's ability to detect and respond to threats that evade perimeter security controls by monitoring your network and endpoints, 24/7.



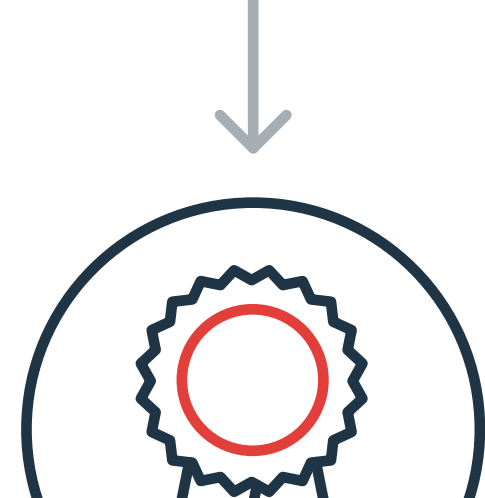
8. Assess physical security controls

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

Implement and regularly test incident response procedures to ensure that key stakeholders know how to respond quickly and effectively to common attack scenarios.



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 achieve compliance with industry standards.



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