

Business Risks: IT Security & Back-Up Protection

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What IT do you have?

Infrastructure / Hardware <ul style="list-style-type: none">- Server- Router- PC / Mac- Mobile device- Phone system	
Own hosted databases	
Third party software	
Document Storage / Document Sharing	
Email	

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How do you keep it secure?

Security Measure	Do you have it in place? Y/N
Password Policy inc. frequency to change, specification of secure passwords e.g. special characters, upper and lower case etc.	
Domain controlled access e.g. users not allowed to use USB, access blacklisted / restricted websites etc.	
Separate Secure WiFi for Guest Access	
Anti-virus	
Anti-spam	
Anti-malware	
Ransomware protection	
Schedule of security updates	
Schedule of Operating System updates	
Phone System Security	
Remote wipe for mobile devices	
Anti-virus for mobile (especially Android)	
Enterprise email (not POP or IMAP)	
Recovery Plan	
Offline Data & Critical Application Back-Up	
Offsite Data & Critical Application Back-up	
Non-Emergency Back-Up Testing Procedure	
Hot Standby / Data Replication	
Cold Standby / Data Replication	

How do you educate your team?

- Do they know the difference between http and https?
- Do they log out of websites correctly?
- Do they know how to spot a phishing website?
- Do they know how to spot a phishing email?
- Do they understand what email spoofing is?
- Do they clear their browser of cookies regularly?
- Do they run programs like C Cleaner or Malware Bytes regularly?
- Do they know how to ensure they are downloading software / drivers from a legitimate source?
- Do you have a procedure in place for notifying management if an IT breach is suspected / confirmed?
- What training do you provide for IT security?
- Is your back-up process automated or does it require human intervention?

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Useful Links

- ▶ Independent Advice: <https://www.getsafeonline.org>
- ▶ If you suspect a virus: <https://www.malwarebytes.com/>
- ▶ To clean your PC/Mac: <https://www.piriform.com/ccleaner>
- ▶ Free anti-virus for your PC/Mac: <https://www.sophos.com/en-us/products/free-tools.aspx>
- ▶ Mobile anti-virus: <https://www.getsafeonline.org/smartphones-tablets/viruses-and-spyware-st/>
- ▶ For reporting Cyber Crime: <http://www.actionfraud.police.uk/>
- ▶ Local Cyber Insurance provider: <http://www.inspireinsurance.co.uk/services/cyber-liability-insurance/>
- ▶ The Emerald Group: <http://www.emerald-group.co.uk>