IT Security Tip Sheet
Useful Resources

Tools, Tips and Useful Resources

- Kaspersky interactive real time threat map. This is an interactive real time threat map showing you cyber-attacks happening in real time across the world! https://cybermap.kaspersky.com/

- Ever wondered how long it would take to crack a password? Check out https://howsecureismypassword.net/

- **TIP:** Keep your back-up data separate from your normal network. Storing back up data on your normal network allows hackers to encrypt that too!

- These will alert you to the most recent trends in spam emails. https://www.actionfraud.police.uk/sign-up-for-action-fraud-alert

- A useful tool which will let you know if your email address has been included in any data breach. Notifications can also be set up to alert you in the event that your email address has been breached https://haveibeenpwned.com

- You can also see if a password is known to cyber criminals by using another tool provided by Have I been Pwned https://haveibeenpwned.com/Passwords

Frameworks

- Cyber Essentials is a framework for defending organisations against online threats. Organisations can become certified which shows a commitment to cyber security https://www.cyberessentials.ncsc.gov.uk/

- Similar to Cyber Essentials, the NCSC have a framework that covers 10 key Cyber Security components to help organisations protect themselves in Cyberspace https://www.ncsc.gov.uk/collection/10-steps-to-cyber-security

- The NCSC also provide a Cyber Security: Small Charity Guide which is a 20 page document that provides advice to protect Charities from the most common types of cyber crime https://www.ncsc.gov.uk/collection/charity

Interesting Statistics

- In 2019, attacks people face a higher threat to their security through their mobile phones than their PCs. This and other good examples on the "Verizon Data Breach Investigation Report" https://enterprise.verizon.com/en-gb/resources/reports/dbir/

- 1 in every 131 emails have malware in them! Last year, 124 billion emails were sent across the world, over 1 billion of them contained malware https://www.symantec.com/security-center/threat-report

- 10 Powerful Cyber Security Statistics https://luminet.co.uk/10-powerful-cyber-security-statistics/

- An interesting look into human behaviour with regard to IT security, article by Kaspersky https://www.kaspersky.com/blog/the-human-factor-in-it-security/

Videos

- Ever wondered how social engineering works? Here is a video about a group of people who use social engineering to acquire passwords https://youtu.be/opRMrEfAliI

- A video commissioned by the Information Commissioners Office on the day to day issues found within a GP's Office https://youtu.be/ksEMs8s8En0

- Edward Snowden discusses the use of passphrases instead of passwords https://youtu.be/yzGzB-yYKcc

Newsletters

- To sign up to the Smartdesc Security newsletter please send an email to solutions@smartdesc.co.uk and we will include you in our quarterly communications.

- The Information Commissioners Office has a lot of Data Protection and Information Security guidance on their website and you can also sign up to their newsletter to stay up-to-date https://ico.org.uk/about-the-ico/news-and-events/e-newsletter/