

# Improving your Cyber-Security and Data Protection

## Login credentials

- Include an **account identifier** and **password**
- Usually, the account identifier is an email address
- The combination of account identifier and password should be **unique for every different system you logon to**.
- If sole trader, be sure to check there are no repeated combinations across your personal and business realms.

Q. *How many systems you use have the same combination of account identifier and password?*

## Weak passwords

- Weak passwords can be 'cracked' very quickly by 'hacking' tools
- This leaves you very vulnerable to penetration and abuse
- Visit this link to learn more about how strong the passwords you typically use are
  - <https://www.security.org/how-secure-is-my-password/>
- I don't recommend you enter your actual passwords but do try ones similar to the ones you use.

Q. *What is the shortest time any of your typical passwords would be cracked in?*

## Have your credentials been stolen/hi-jacked?

- Visit this link to see if your credentials have been hi-jacked
  - <https://haveibeenpwned.com>
- Once you have entered the email address you want to investigate the background of the screen will change to RED if that email address has been compromised
- A green background means no compromise
- If you want to be alerted if your details are found in a future 'hacks', enter your details on the page (near the top)
- All the data breaches in which your details have been found will be shown as you scroll down the page

Q. *How many times has your email address been compromised?*

## Have you implemented Multifactor Authentication (MFA)?

- MFA is an additional measure to secure your logon credentials
- If you use online banking you are already using MFA (sometimes called 2FA too).
- Free to implement where it is provided by the software/service provider
- It protects you as the 'hack' will need access to your mobile to complete the compromise
- Visit this link to see which systems you use
  - <https://twofactorauth.org>

Q. *How many systems are you using where you can (and now are) using MFA/2FA?*

Please contact me on [chris@cybata.co.uk](mailto:chris@cybata.co.uk) or 07715 462 788 if you need any help.