

Passwords:

Things to remember

Don't

- Include any personal information
 - e.g. your name, date of birth etc
- Include pet's name
- Use the most common passwords
 - e.g. 12345, qwerty, password
- Make it so complicated you can't remember it

Strong and safe passwords:

- Should be 8 characters long
- Have letters AND numbers
- Include symbols and upper & lower-case letters

Biometric:

Includes various technologies used to measure feature of a person to identify them within a security system.

For example,

- Fingerprint scanning
- Retina Scan
- Voice recognition
- Facial scanning

How does Biometric Security work?

1. Scans body part e.g. finger.
2. Compares image with database of stored images.
3. If match found, person gains access.

Encryption:

- Transforming data using an algorithm to make it readable only to those who know the key
- When the data is used it must be decrypted
- Example: Internet retailers use encryption techniques to protect credit card details.

Malware:

Malicious

Software

Malware is the term used for programs that are designed to damage a computer system.

Malware includes computer viruses, worms, trojan horses, spyware, ransomware and other malicious programs.

Security Suite:

Security suite are programs which protect computers against virus/malware.

It is a collection of software which is sold together as a single package. They might include:

- Anti-virus
- Firewall
- Anti-spam