

# Security Concepts



CHEAT SHEET

## 1. Being more secure, it's worth it

Internet security can be managed by everyone just by using good cyber hygiene, habits, and help.

- DO think of Internet security as something you take responsibility for, and devote a little time to it.

## 2. Your information and computer's resources are valuable

Your information has value on the Internet: be careful how you give it away. Your Internet connection and computer's resources can be valuable to others.

- DO be careful when giving out your information online.
- DO take action to protect your computer.

## 3. A security mind-set

Thinking about security from a criminal's perspective can give you valuable insight for making decisions about your risk and safety.

- DO think about security before taking the easy option.

## 4. Online risks

Criminals on the Internet try to trick people out of their money, their personal information or use software created with malicious intentions (malware), automate the process. Security services (anti-malware and firewalls), encryption and a critical mind help defend against this.

- DO be aware of criminals.
- DO keep your security service up-to-date, and use encrypted services for sensitive communications.

## 5. Good habits

With a little effort, you can greatly reduce your risk. If you do have problems, help is available.

- DO think of security in terms of good hygiene, good habits and good help that reduce your risk.



## Glossary of Terms

<b>Botnet</b>	A network of remotely controlled computers on the Internet.
<b>Encryption</b>	A process of converting information to a form unreadable to untrusted parties that still contains the original information and is able to be read by the intended recipient.
<b>Firewall</b>	A computer safety barrier between networks or a computer and the network.
<b>Malware</b>	Software designed primarily for a malicious purpose.
<b>Security Mind-set</b>	A way of thinking about computers that focuses on security defects.
<b>Social Media</b>	Internet technologies designed for socialising and sharing such as Facebook, and Twitter.
<b>Zombie Computer</b>	A computer that is infected with malware that allows it to be controlled remotely and is part of a botnet.