



# Computer Security

**Graham Wright**

**SeniorNet Eastern Bays**

# World Wide Web - The Cloud



<https://www.google.co.nz/>

# Malware

## Threats from the internet

Virus

Netbots

Trojan

Phishing

Dialware

Adware

Hoax

Key loggers

**But severity is grossly exaggerated by popular news media.**

**Internet is better than 99.9 % safe – for sensible users !**



# Anti-virus programs

Many commercial packages – they use scare tactics!

They contain a list of **known** virus definitions

Must be **updated** frequently as new viruses appear

Windows Defender is free and excellent.

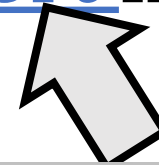
Internet providers – Orcon, Clear, Xtra, 2 degrees

Have their own anti-virus filters to remove most viruses.


**So virus infections are now fairly uncommon.**

# Phishing

Clicking on a [link may import](#) malware.



Sun 12/02/2012 11:49 a.m.

 notification@national-bank.co.nz <me@localhost.co>  
**Account has been deactivated**

To

We would like to inform you that your registration for your National Bank online profile needs to be updated. Due to security issues, your account has been deactivated and you are no longer able to access our online features.

To access your profile, please visit N <http://dpmail.dpotech.com.sg/nation/nz/>  
**Click to follow link**

<http://dpmail.dpotech.com.sg/nation/nz/>

You are receiving this email notification because this email address is listed as the administrative contact email for your National Bank online account.

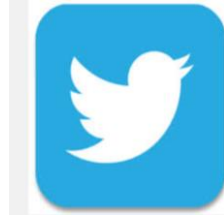
**Web address**



# **(Anti-) Social Websites**



**Facebook – personal diaries of events & feelings.  
Mostly trivial, sometimes deceitful or hurtful.**



**Twitter – short tweets, max 140 characters.  
Sometimes amusing, often trivial.**



**LinkedIn – brief résumés for job seekers .  
Unreliable, acquires new members by stealth.**

**Avoided by Seniors !**

# Passwords

Same password OK for routine services

Keep a record of all passwords

Strong password for banks

**Nelly&Josh.1893!**

Record as “Nana”

16 mixed characters

Banks compensate losses.

Google: “**Netsafe**” for best NZ advice



# Security of your data: **Backup**

## 3 + 1 backup rule

1. **Computer hard drive**
2. **Portable device: Flash Drive “labile”**  
**Ext. Hard Drive big capacity**  
**CD Optical drive**

**Store these away from your computer**

3. **Cloud OneDrive; Google Drive; iCloud etc.**  
**Accessible from any computer in the world!**