

# HOW SECURE IS YOUR PC?

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# COMPUTER SAFETY

## PROTECT YOUR HARDWARE

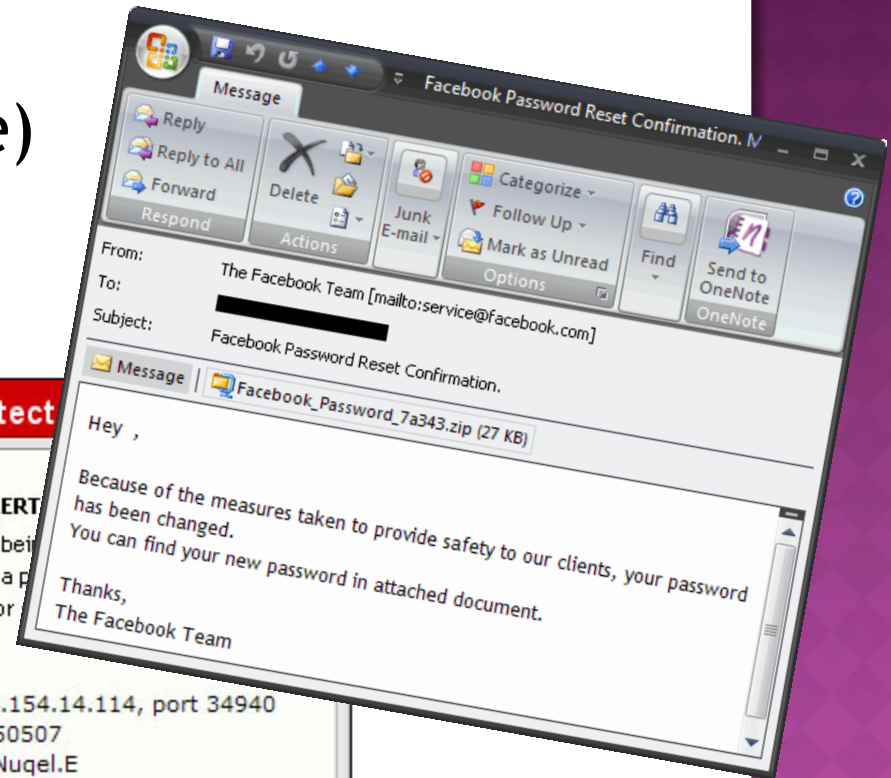
- ⦿ Back up your data regularly
- ⦿ Be sure to use a surge protector
  - Can even be used with your phone or cable lines
- ⦿ Be sure to download Windows Updates
  - Schedule downloads and installations
  - Check to see if your machine has all current critical updates

# FIREWALL

- Software or hardware that prevents “hackers” from accessing your computer while online
- Software Firewall most popular for home pc users
- Be sure to use a 2-directional firewall
  - Prevents access to your computer
  - Prevents your computer from sending information without your knowledge
  - Windows Vista and Window 7 have a built-in bidirectional firewall

# HAVE YOU HEARD ABOUT...?

- Microsoft Security patch
- Facebook Virus (Koobface)



# ANTIVIRUS PROTECTION

- ◉ Protects your pc from viruses
  - Virus - malicious code that affects the performance of your computer
- ◉ Computers can be infected through email and websites, even social media sites like Facebook and Twitter or Instant messaging programs like AIM or Messenger
- ◉ Many viruses are annoying, some can be very destructive

# PROTECT YOUR COMPUTER

## POPULAR PRODUCTS

- **AVG Internet Security**
  - **Free antivirus protection**
  - Firewall
  - Antivirus
  - AntiSpam
- **Avast**
  - **Free antivirus protection**
  - Firewall
  - Antivirus
- **MacAfee Internet Security Suite**
  - Firewall
  - Antivirus protection
  - AntiSpam
- **Symantec (Norton) Internet Security**
  - Personal Firewall
  - Antivirus protection
  - AntiSpam
- **Windows Security Essentials**
  - Personal Firewall
  - Antivirus and Antispyware
  - Online ID protection

# SPYWARE

- ◉ Adware or malware installed on your computer without your knowledge.
- ◉ Invasive and used to track your Internet browsing habits
- ◉ Many spyware “bots” are not well written codes and really make your computer behave badly.

# HOW TO DEAL WITH SPYWARE

- Install and use a “good” spyware program.
  - AdAware
  - Malware Bytes
  - Spybot Search and Destroy
  - Spy Sweeper
  - Spyware Doctor
  - Windows Defender
- Scan weekly
- Re-scan when necessary

# OTHER SPYWARE DETECTORS

- ◉ Most full versions of your internet security package also scan for spyware

BEWARE OF SPYWARE!

Play the Game!

# ONLINE SHOPPING

- ◉ Secure Site for purchase
- ◉ Do not need to give your Social Security Number
- ◉ If you are not sure, do not buy!
  - Check it out, call, etc.
- ◉ The Federal Trade Commissions Consumer Help Website
  - <http://consumer.gov/ncpw/everyone/identity-theft-and-privacy/>
  - OnGuard Online
    - ◉ <http://www.onguardonline.gov/topics/computer-security.aspx>

# EMAIL HOAXES

- Don't forward chain mail
- Look up any story, etc.
  - Snopes - www.snopes.com
    - Be sure it is not a hoax
- Don't open SPAM - Millions of Users Open Spam Email AND Click on Links!

<http://blogs.zdnet.com/security/?p=5889&tag=nl.e539>

# UPDATE, UPDATE, UPDATE

- ◉ Update your Operating System
- ◉ Update your firewall
- ◉ Update your internet security package
- ◉ Update your antivirus definitions and software

# HELP! WHERE TO FIND IT?

- Cnet - www.cnet.com
- Wikipedia - www.wikipedia.com
- Stay Safe Online - <http://www.staysafeonline.org/>
- OnGuard Online - [www.onguardonline.gov](http://www.onguardonline.gov)
- PCWorld - www.pcworld.com
- ZDnet - www.zdnet.com

# QUESTIONS?

