

Would you reply to this?

AnyBank Internal Audit Department PO Box 623 Trenton, NJ 13579 Valued AnyBank Customer,

The SEC requires AnyBank to conduct an annual audit. As part of this process, we are required to verify customer account information. Please complete the following and return this card as soon as possible.

Failure to reply may result in account suspension!

PLACE

STAMP

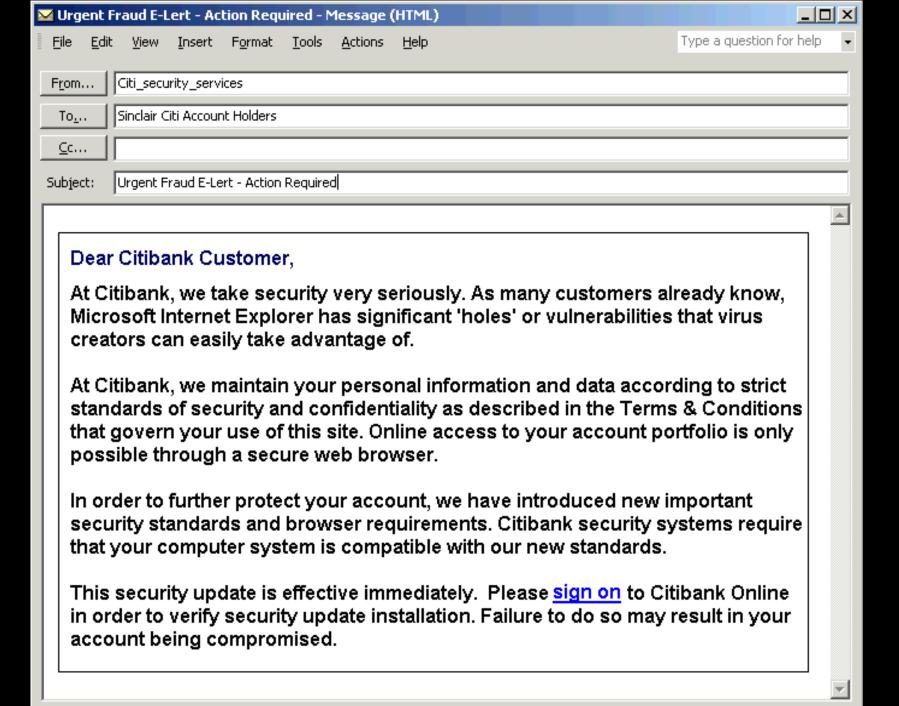
HERE

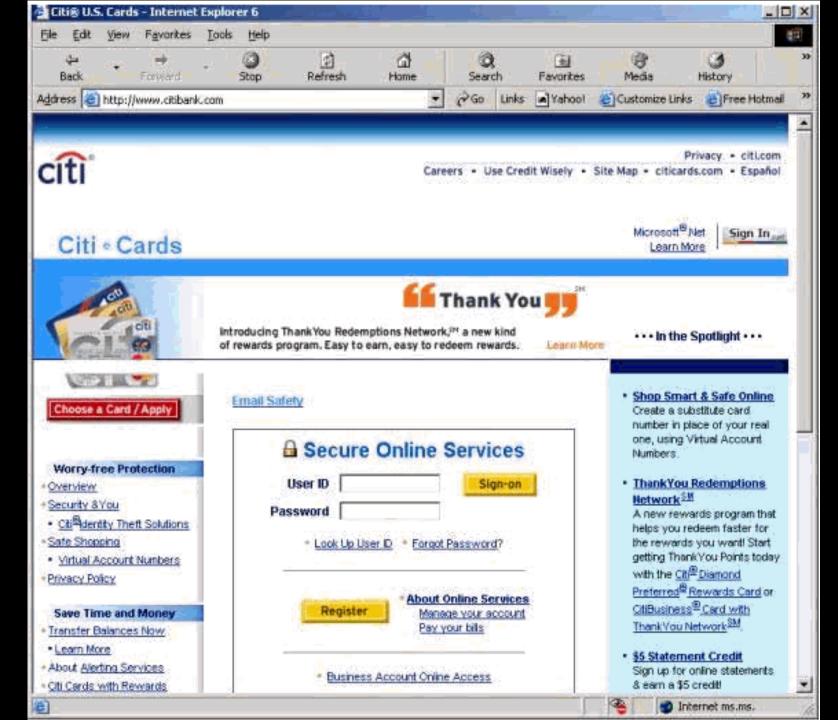
Name:_____Social Security #:____ ____Account #:____

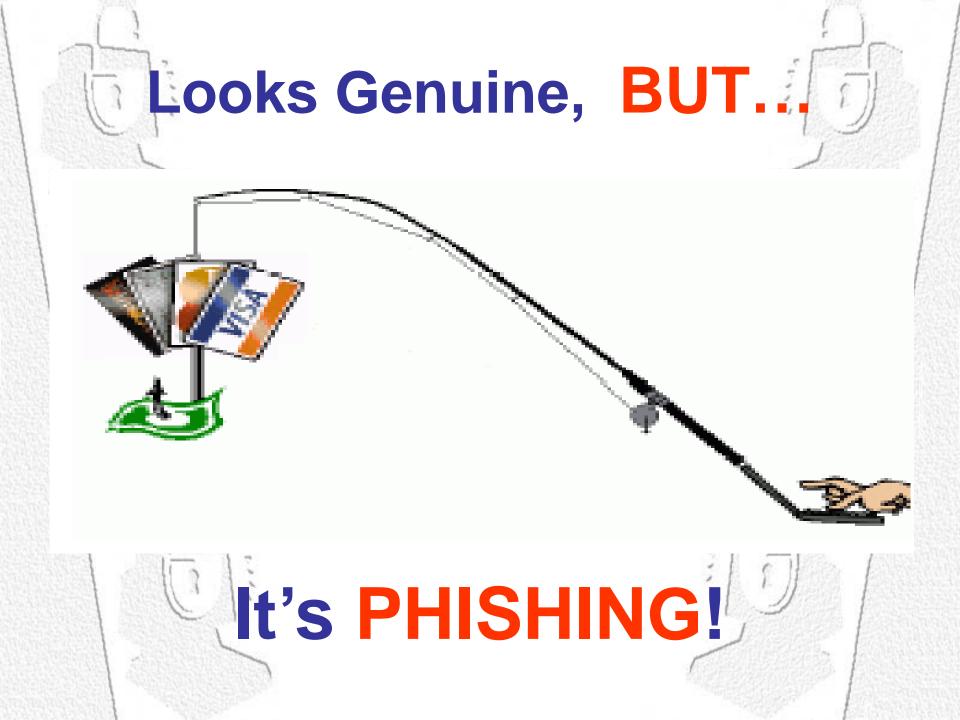
Expiration Date:______PIN or Password:

Thank you for your prompt response, Internal Audit Team









Looks Genuine, BUT...

- Your USER ID and PASSWORD have been 'harvested'
- A 'Virus' or 'worm' may have infected your system
 - Zombie or Bot
 - Harvest more addresses
- A 'Trojan Horse' application that records and transmits every keystroke may be installed.



is the fastest growing crime in the World

In the U.S. alone, in 2003, it is estimated over 10 million victims. Losses approach \$50 Billion.

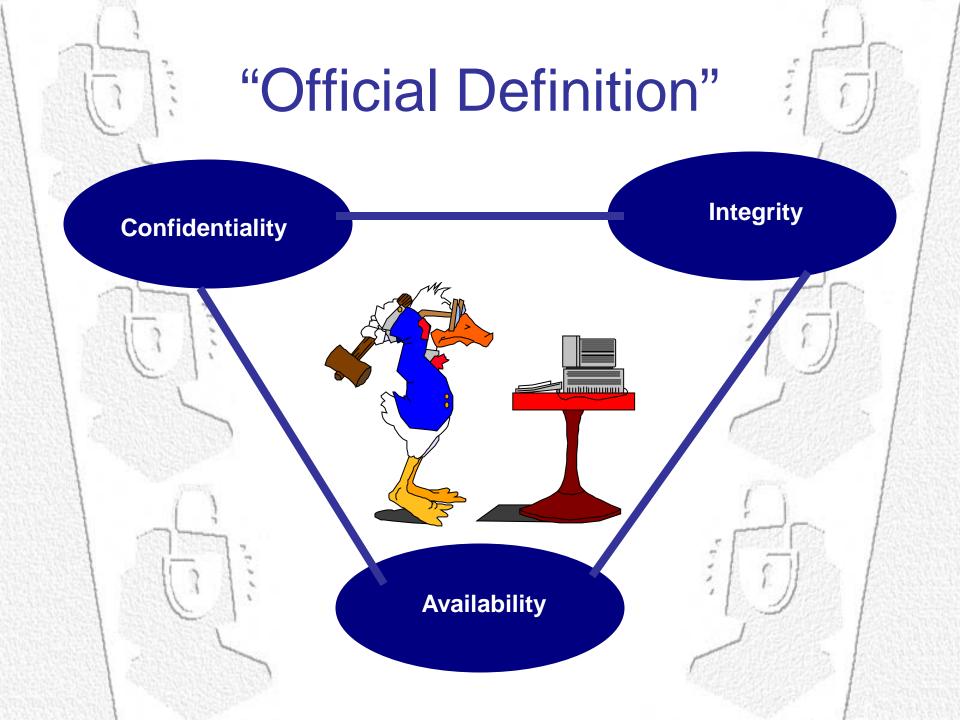
(http://www.ftc.gov/os/2003/09/synovatereport.pdf)

ABSOLUTE EMAIL RULES

NEVER send private or sensitive information via email

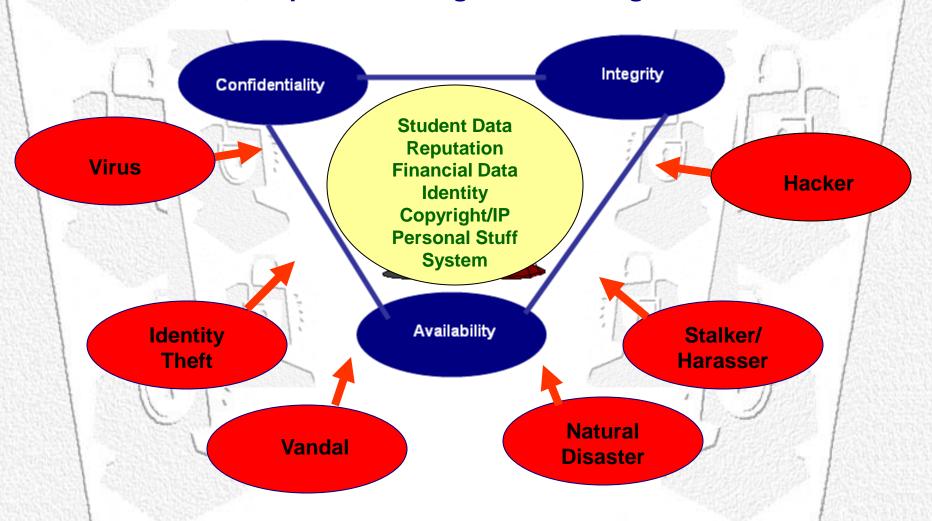
DO NOT enter sensitive information or 'log-in' to a Web site you arrived on by clicking a hyperlink in an email message





"Practical Definition"

To decide whether information is "secure", you must first decide what needs to be protected, next, identify the threats you care about, then, implement safeguards to mitigate the threats.





- There were an estimated 604.2 million people with internet access in 2002.
- All 604 million of them can communicate with your Internet connected computer.
- Any of the 604 million can 'rattle the door' to your computer to see if its locked.

More Perspective

 To break into a safe, the safe cracker needs to know something about safes.

 To break into your computer, the computer cracker only needs to know where to download a program written by someone else who knows something about computers.

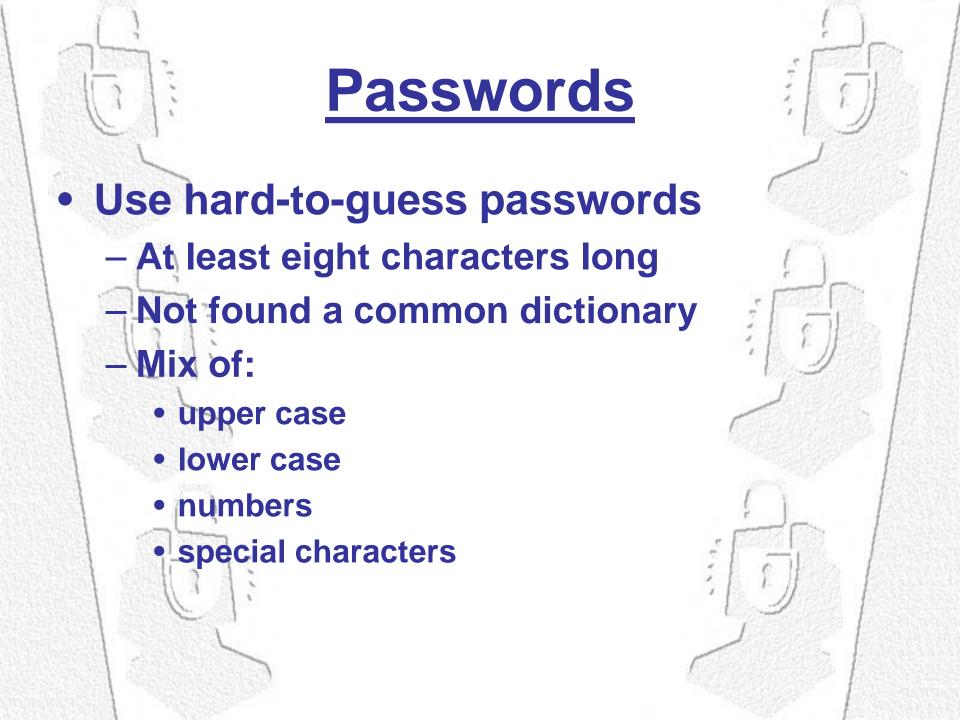


Email

Don't open email messages, attachments, or click on links in emails from unknown sources.

Be suspicious of any unexpected email attachments even if they appear to be from someone you know.

DON'T REPLY or otherwise acknowledge (such as a 'confirm receipt' message) that you have received a suspect message



<u>Passwords</u>

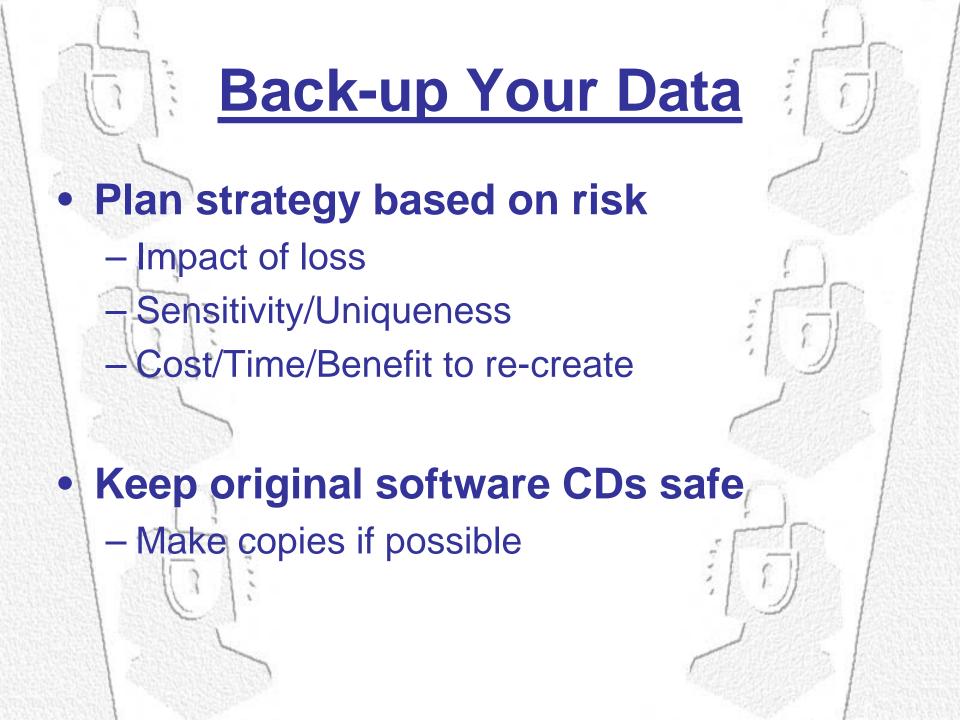
- Don't share your password
 - If someone needs access, get them their own account, or (last resort) login yourself and 'shoulder-surf'
 - If posted on monitor, under keyboard, or in desk drawer – It's SHARED!
- Change passwords regularly
- Don't use same password for 'routine access' as for sensitive information

<u>Passwords</u>

- If you suspect someone has guessed or otherwise knows your password:
 - Fix the 'security lapse' that revealed it
 - Change it to a new, hard-to-guess password
- If you suspect someone has accessed your account, report it.

Back-up Your Data

- Two Kinds of Computer Users
 - Those who have already lost data
 - Those who are going to lose data in future
- Back-up Options:
 - "H" Drive
 - Network shares
 - CDs
 - "Zip" Drives, USB Drives





- Unless you need it, TURN IT OFF
- Peer-to-Peer
 - Napster (the most infamous)
 - Kazaa
 - Grokster
 - Gnutella/Gnotella/Gnucleus
- SpyWare
 - Often 'bundled' with Freeware



Close Applications/Browser/Email

- Disconnect from the Internet (home)
- Shut-Down PC at end-of-day

This Protects YOU...
and OTHERS

Virus Protection

- Use & Update Anti-Virus software"
 - Update regularly...DAILY
 - -SCC employees
 - McAfee Antivirus free of charge
 - -Free AV tools available
 - Trend Micro free on-line virus scanner
- Schedule/Run 'Full Scan' regularly

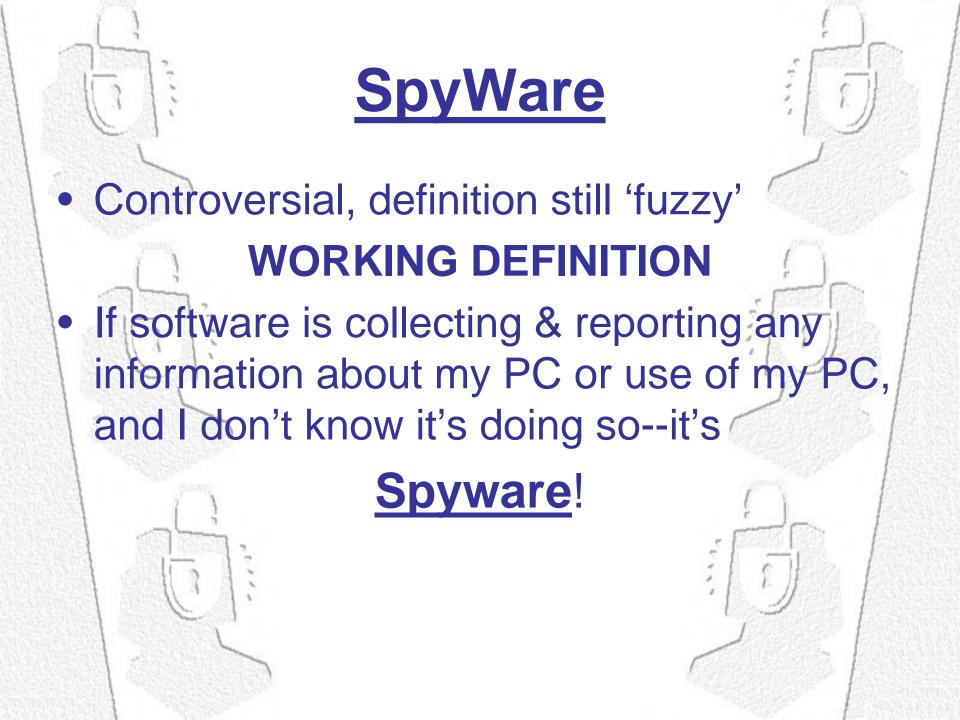
Firewalls

 Work by filtering out and blocking unauthorized or potentially dangerous types of data from the Internet

Windows XP, XP-SP2 built-in

• Free software firewalls are available





SpyWare

- Some spyware harmless/marginally beneficial
- Illicit spyware is a threat...and a growing one
 - causes damage
 - steal personal information
- Major A-V vendors now adding support to stop known backdoors & Trojan Horses
- Free spyware scanning software is available
- BEWARE Some spyware advertises itself as anti-spy!



Why Should We Care?

- Be a responsible 'cyber citizen'
 - Even if you don't think anything on your PC is worth protecting, how would you feel if your PC was used to hurt someone you care about?
- Federal Laws Specifically Affecting HE
 - FERPA (Family Educational Rights & Privacy Act)
 - GLBA (Gramm-Leach-Bliley Act)
 - Patriot Act

REMEMBER

A system, and the information accessed or stored by the system, is only as "secure" as the persons using the system make it.

Want a Catch-Phrase?

SEC-U-R-T-Y

SECURITY – YOU ARE IT

Thanks to the University of Arizona, CCIT, for the Sec-UR-IT-y slogan!

