Greensboro Computer Center for Seniors

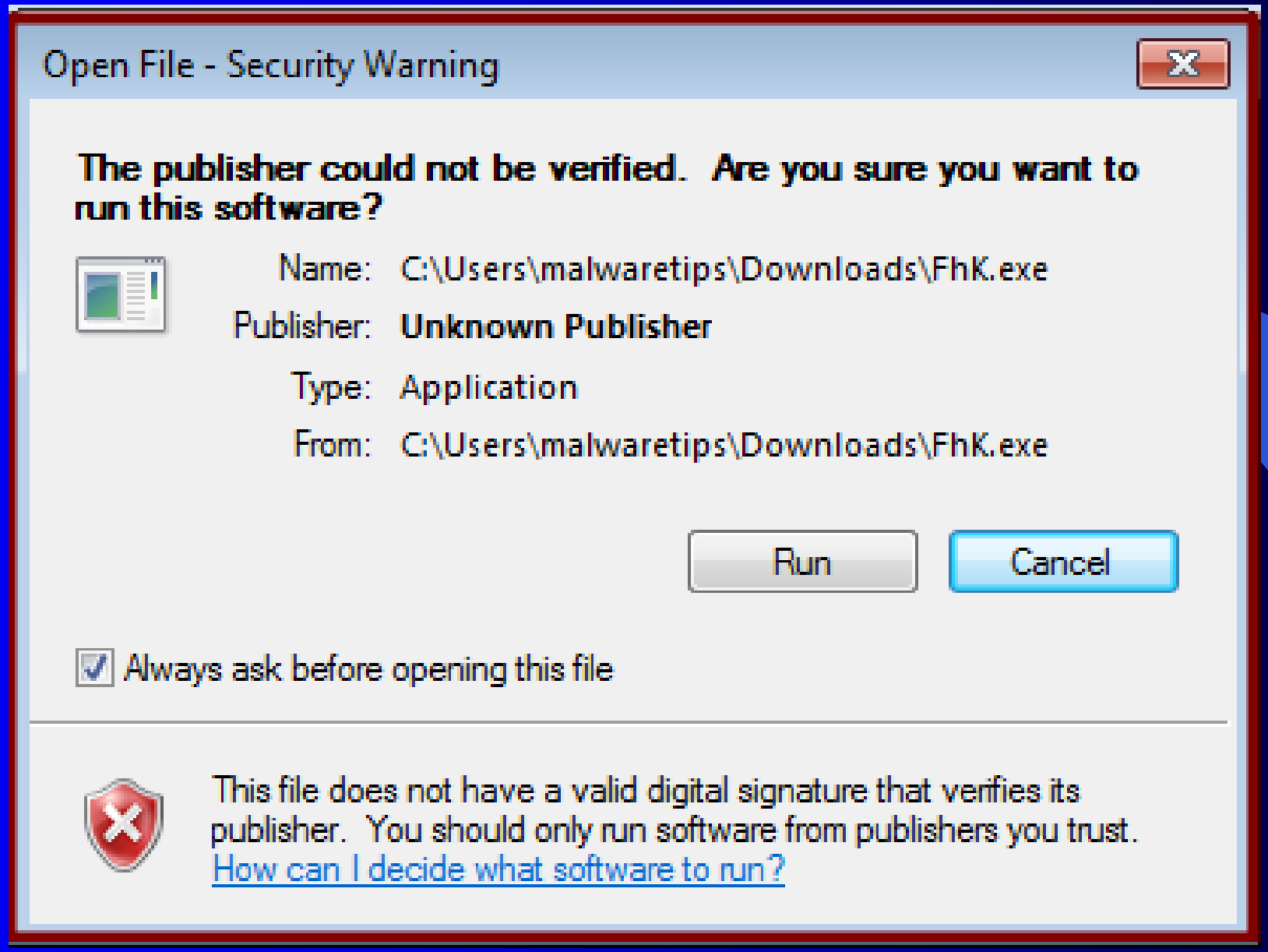
www.shepnetgreensboro.org

Security for Home Computers

Let's talk about a few things...

- Be careful what you download.
- Where did this problem come from?
- What should I be on the lookout for?
- How do I protect myself?
- Email Scams and Keylogging
- Others

Do you remember seeing this?



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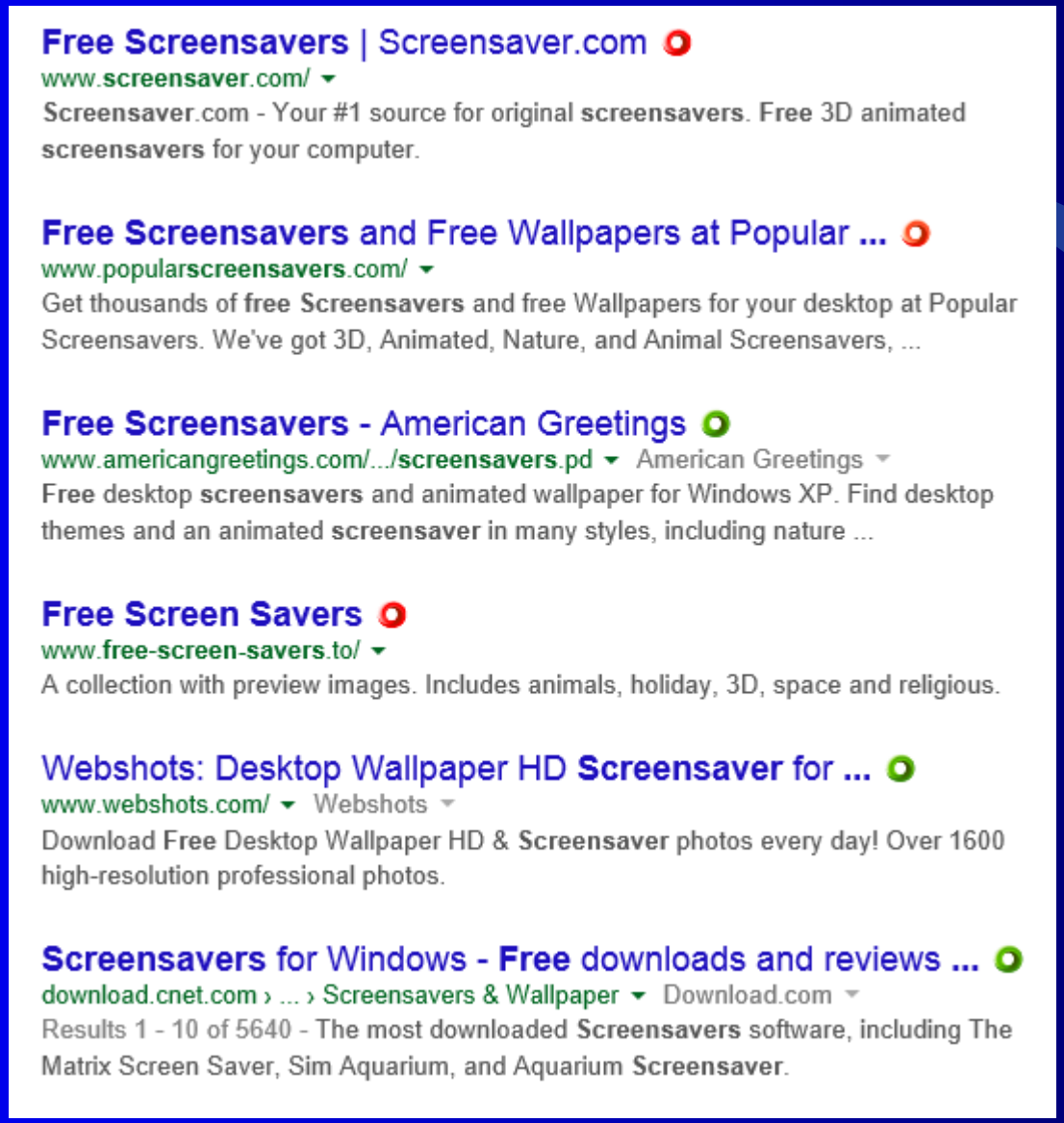

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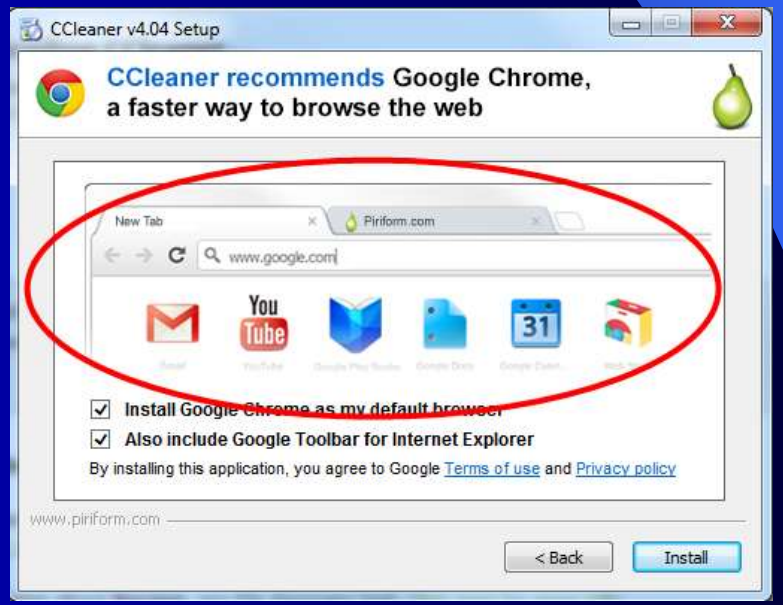
Results 1 - 10 of 5640 - The most downloaded **Screensavers** software, including The Matrix Screen Saver, Sim Aquarium, and Aquarium **Screensaver**.

How did my PC get infected?

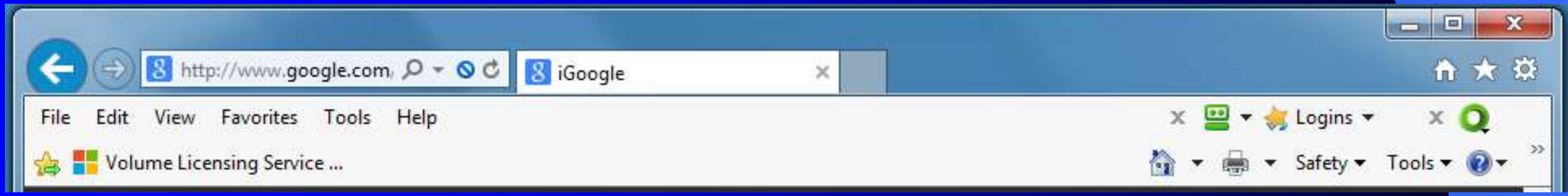
- From Browser Tool Bars.
- From a website.
- From pop-up windows.
- From email.
- From physical media (thumbdrives/CD’s).
- From another piece of software.

If you didn't go looking for it,

...don't install it!



Got Tool Bars?



OK…"what do I really need to watch for"

Malware is a generic term for malicious software of any type. It consists of:

- Viruses
- Spyware and Adware
- Keyloggers
- Email Scams
- Social Engineering

What does a Virus look like?

These are common signs of virus:

- Your computer takes a full cup of coffee to boot up.
- Your computer has slo it tries to do any task.
- You get constant pop on the Internet.
- Huge decrease in dow
- New icons on the desktop.

What does Spyware and Adware look like?

- Additional Browser Toolbars
- Brower change
- Influx of unwanted emails
- Unwanted re-directs
- Intrusive Banners
- Unwanted Pop-ups

How do I protect myself from these things?

- Antivirus program
- Malware/Spyware program

You absolutely need both!

Antivirus Program

My personal recommendation:

Microsoft Security Essentials

*It is free and has automatic updates

** If you already have one, keep it!

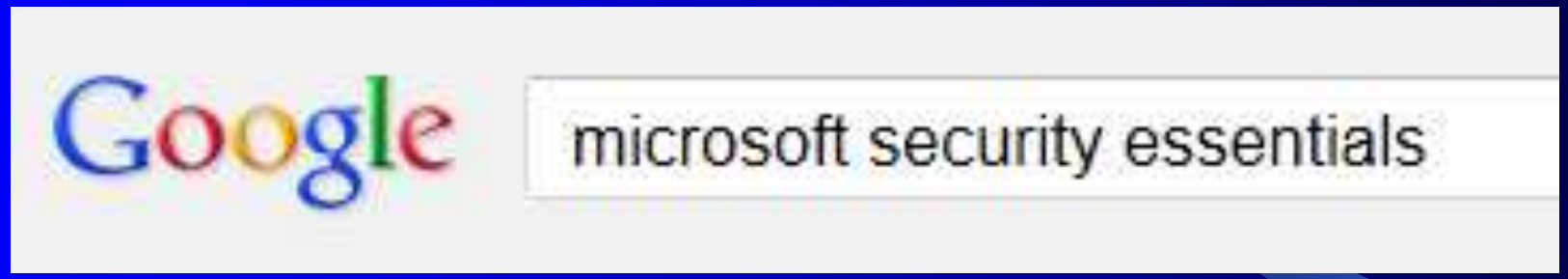
Malware/Spyware Program

My personal recommendation:

Malwarebytes Pro

*It is $25 annually and has automatic updates.
**If you already have one, keep it!

Where do I get these programs?



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Malwarebytes Anti-Malware **PRO** removes malware including

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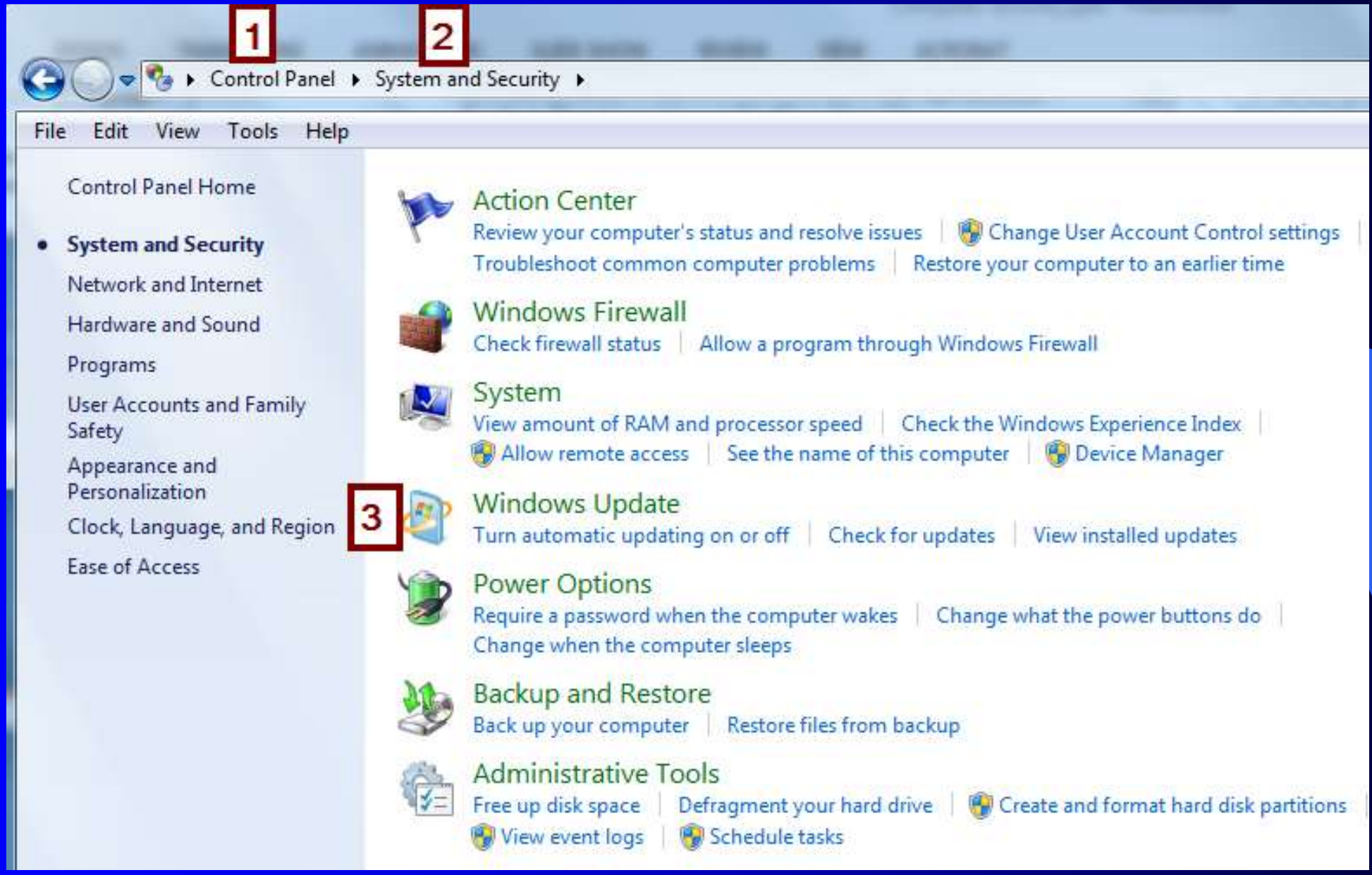
Malwarebytes Anti-Malware PRO detects AND protects in an easy-to-use, straightforward, ... Want to take a test drive of **Malwarebytes PRO** before purchasing?

OK…that is your **starting point** for both antivirus and malware programs!

- They must ALWAYS be up-to-date and upgraded as needed.
- Set to “Automatic” updates and scans with both products.
- If you see a pop-up window in the lower right of the screen that asks you to update your security program – DO IT!

In other words, **YOU** must take an active role in your computer’s security!!

Enabling Windows 7 Updates



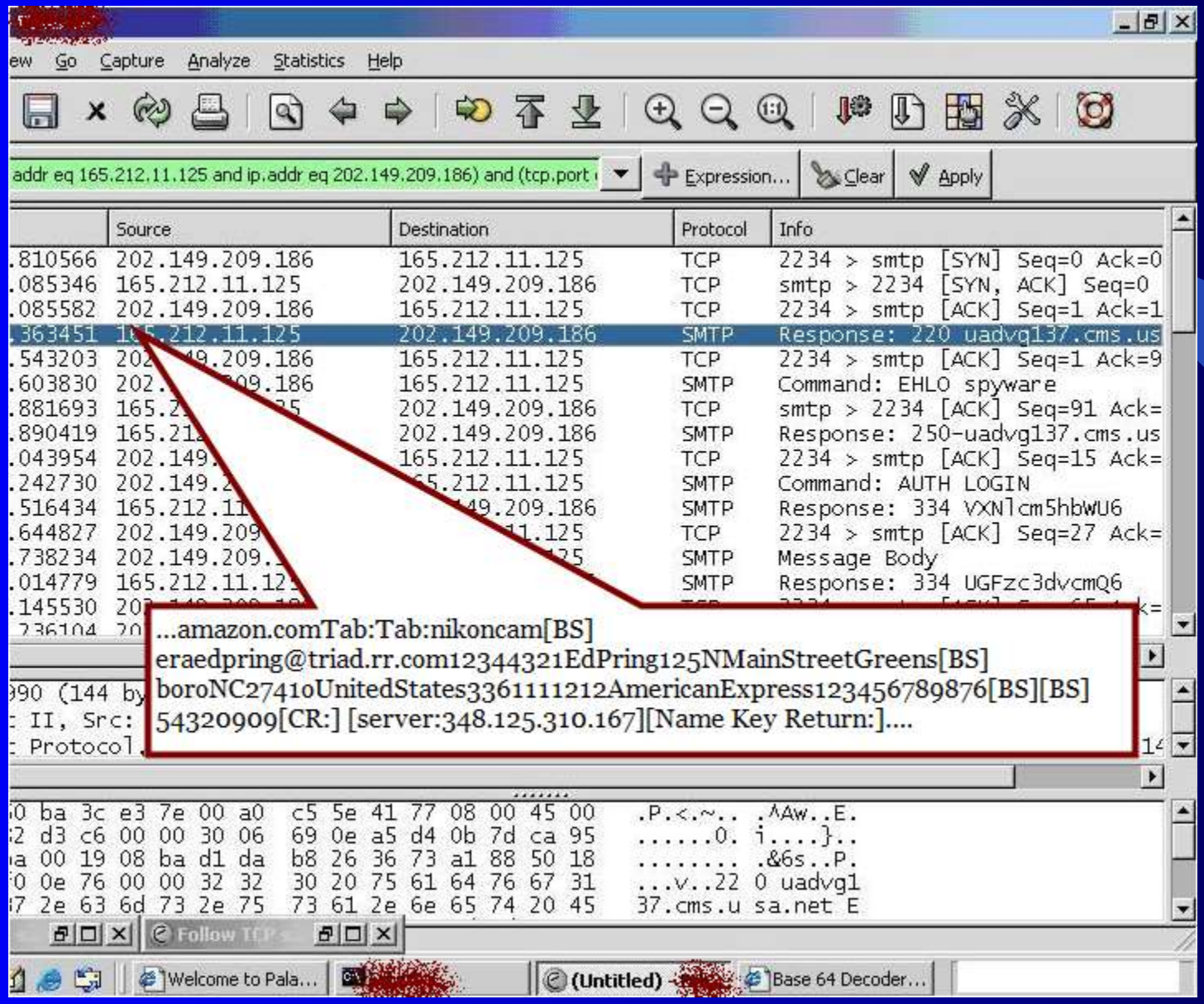
If. . .

. . .you do these things – as needed and regularly – you can forget problems from viruses and malware.

Keylogging

It is simply logging your keystrokes!

So what and who cares?



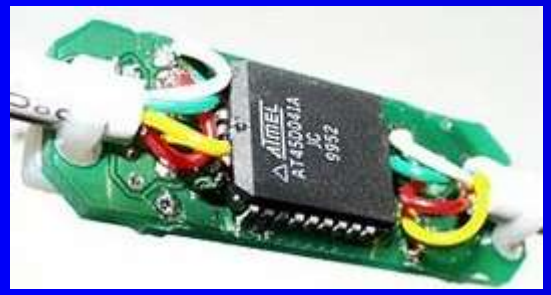
…amazon.com[Tab:][Tab:]nikoncam[BS]era**edpring@triad.rr.com**12344321**EdPring125NMainStreetGreens**[BS]**boroNC2741**oUnitedStates**3361111212AmericanExpress123456789876**[BS][BS]54320909[CR:] [server:348.125.310.167][Name Key Return:]….

Where and how does this happen?

Where:

- Cyber cafes
- Hotels
- Cruise Ships
- WiFi Spots

How:


ATMEL
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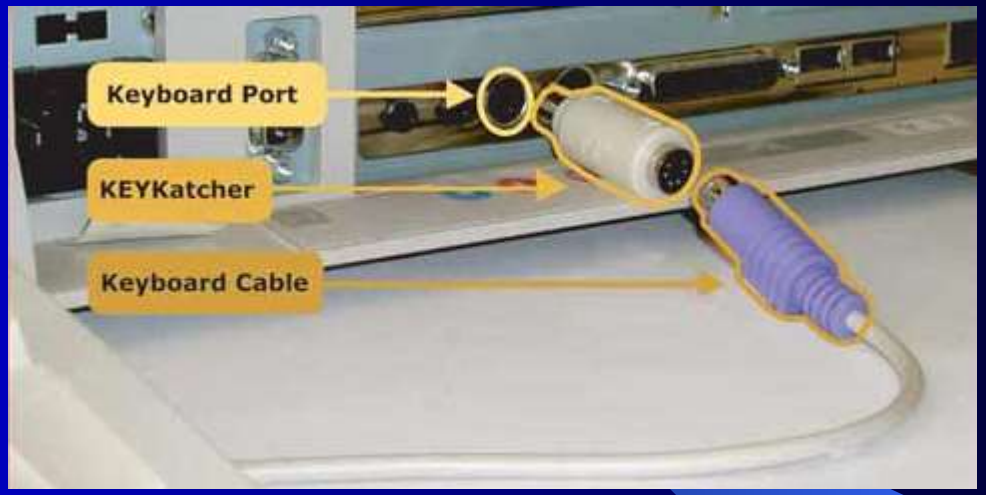

Keyboard Port
KEYKatcher
Keyboard Cable

USB
4 GB

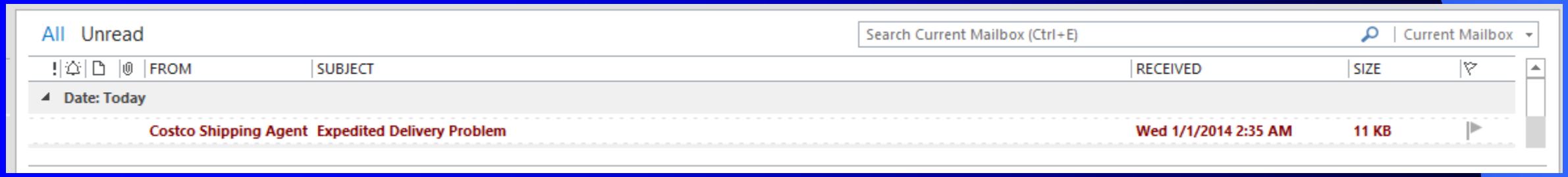
There is a **VERY** easy solution to this…

When you are on a "public" network,
ALWAYS assume there is a keylogger.

You never transmit secure information over
an unsecured network.

Email Scams

Email scammers are getting more clever by the day. Many new email scammers will use something called "social engineering" to try to trick people into opening them and thus infecting their systems.



Expedited Delivery Problem - Message (HTML)

FILE | MESSAGE | ADOBE PDF

Ignore | Junk | Delete | Reply | Reply All | Forward | Meeting | More | Create New | Move | Rules | OneNote | Actions | Mark Unread | Categorize | Follow Up | Translate | Find | Related | Select | Zoom

Delete | Respond | Quick Steps | Move | Tags | Editing | Zoom

Wed 1/1/2014 2:19 AM

Costco Shipping Agent <manager@zianschool3.ru>

Expedited Delivery Problem

To edpring@triad.rr.com

If there are problems with how this message is displayed, click here to view it in a web browser.

Unfortunately the delivery of your order COS-0018105623 was cancelled since the specified address of the recipient was not correct. You are recommended to complete this form and send it back with your reply to us.

Please do this within the period of one week - if we dont get your timely reply you will be paid your money back less 21% since your order was booked for Christmas.

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Sun 8/4/2013 5:08 PM

[redacted]com>

A very dangerous virus.

To [redacted]

Folks,

This information came to me from an extremely reliable source. The is a new, devastating virus spreading throughout the country. This virus is called the "Doomsday Virus" and once activated will destroy your hard drive is a matter of seconds. When the virus is activated, it is placed in the C:\windows\system32\AdvancedInstallers folder. The name of the activated file is cmiv2.dll.

If you see this file, you MUST DELETE THE ENTIRE \system 32 folder. This folder is rebuilt by Microsoft when you reboot.

Be very afraid of this virus.

PLEASE forward this email on to your friends and family. It is most important!

Ed

Let’s talk passwords….

“My memory really sucks Mildred, so I changed my password to “incorrect.” That way when I log in with the wrong password, the computer will tell me… “Your password is incorrect”

These are NOT passwords…

eapring
calvinandhobbs
Your dog or cat's name
123456789
Password
foobar
qwerty
Your husband's or your wife's name
Your own user name

…and of course, "incorrect"

Suggestions…

- Never use a real word.
- Make it at least 8 characters long.
- Use uppercase, lowercase letters and numbers.

- Make it personal – so you can remember it!

“Uncle Larry flew bombers over Germany in 1943.”

My password now is: ULfboGi1943

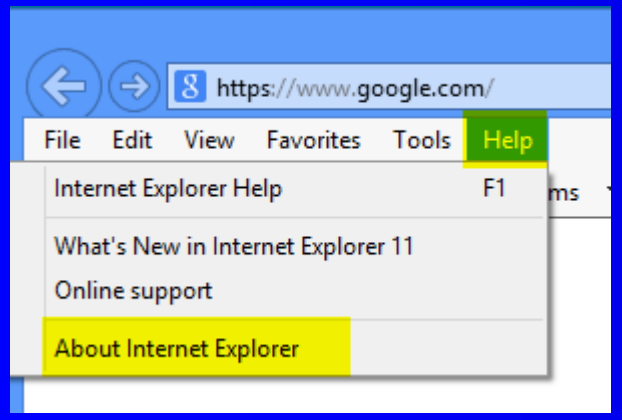
…couple of other things!

If you are using Windows 7…

…and if you use Windows Explorer

Upgrade to Internet Explorer 11

M U C H better security.



About Internet Explorer

Internet Explorer 11

Version: 11.0.9600.17031
Update Versions: 11.0.7 (KB2919355)
Product ID: 00150-20000-00003-AA459

Install new versions automatically

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Close

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Results 1 - 10 of 5640 - The most downloaded **Screensavers** software, including The Matrix Screen Saver, Sim Aquarium, and Aquarium **Screensaver**.

The program is called My WOT

www.mywot.com

It is not infallible, but a great early warning system!

How to easily avoid PC problems

The single biggest factor in preventing a malware infection, virus or costly scam is YOU.

Remember…we didn't get this old by being stupid!

Any questions??

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