

# MIGRATING FROM WINDOWS XP



# WHAT'S THE PROBLEM WITH XP?

- Microsoft is no longer providing security updates for XP after April 8, 2014
- After this date, Microsoft Security Essentials (MSE) for XP will no longer be available for download
- MSE will continue to receive anti-malware signature updates until 2015, but “... *this does not mean that your PC will be secure because Microsoft will no longer be providing security updates to help protect your PC.*” (Microsoft)
- Many 3<sup>rd</sup> party developers will stop driver support
- Hacker feeding frenzy predicted (2/3 increase)



# WINDOWS OS SUNSET DATES

<b>Version</b>	<b>Sunset Date</b>
<b>Windows XP</b>	<b>April 8, 2014</b>
<b>Windows Vista</b>	<b>2017</b>
<b>Windows 7</b>	<b>2020</b>
<b>Windows 8.1</b>	<b>2023</b>



# WHAT ARE MY OPTIONS?

- **Stop using your XP on the Internet**
  - Use your tablet/smartphone for e-mail, browsing, etc.
- **Continue to use your old XP on Internet**
  - Some changes need to be made
- **Convert your existing computer to Windows 7 or Windows 8.1**
- **Buy a new computer with Windows 7 or Windows 8.1**



## 3 REASONS TO SWITCH FROM XP

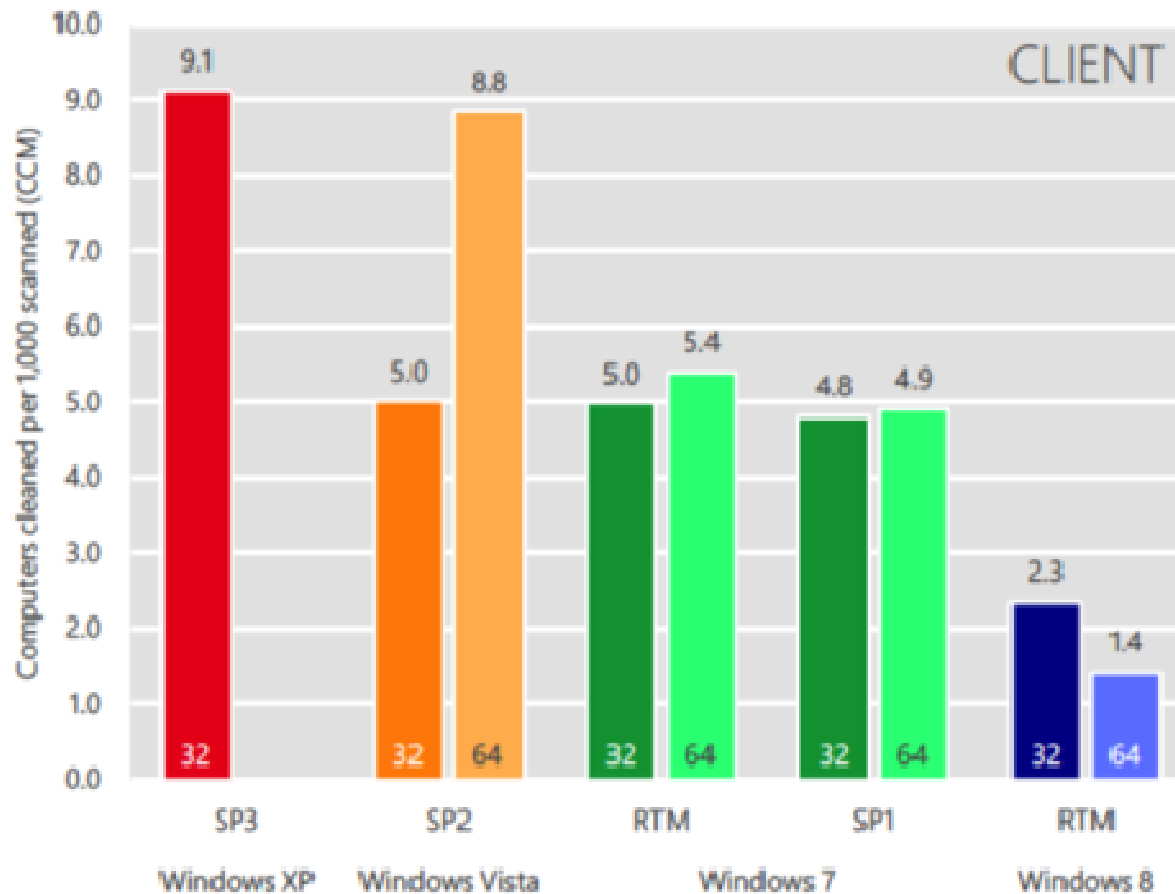
### 1. Security (The BIG reason)

- XP's current malware infection rate is 2x Win. 7 and 6½x Win. 8
- No more XP security updates available
- Cybercriminals are expected to actively target XP computers due to increased vulnerability
- Windows 8 “built-in” virus protection much better than old Microsoft Security Essentials



# WINDOWS INFECTION RATE

Figure 35. Infection rate (CCM) by operating system and service pack in 2Q13



## **3 REASONS TO SWITCH FROM XP**

### **2. Productivity (some useful new apps)**

- **Much faster startup (Win. 8)**
- **Automatic Maintenance (Win. 8)**
- **Aero Snap (Win. 7)**
- **File History (Win. 8)**



## **3 REASONS TO SWITCH FROM XP**

- 3. New Technology- new peripherals probably won't run on XP**
  - **Wired and wireless printers**
  - **Bluetooth keyboards**
  - **4k monitors**
  - **Etc., etc...**





**OPTION: CONTINUE TO USE  
YOUR XP COMPUTER ON THE  
INTERNET**

**(NOTE: THIS OPTION IS NOT RECOMMENDED)**



# “PC MATIC” TV ADVERTISEMENT

- **“It appears that it (Microsoft) is more an effort to create an incentive to sell their latest struggling operating system, Windows 8”**
- **Will continue to support Windows XP for as long as there is a demand**
- **Blocks “Polymorphic” threats, closes software vulnerabilities and blocks adware**
- **Cost: \$50/year**



# IF YOU MUST STAY WITH XP...

- **Stop using IE browser (use Chrome or Firefox)**
- **Uninstall any browser add-ons you don't need**
- **Install browser add-on “HTTPS Everywhere” to your browser to improve website encryption**
- **Update all remaining browser add-ons (Qualys good)**
- **Be very careful where you browse - Stay on commercial sites!**
- **Remove software you don't need (SlimCleaner good)**
- **Keep your program's up to date (Secundia Personal Software Inspector good)**
- **Beef up anti-malware software (Malwarebytes Anti-Malware good)**



**OPTION: CONVERT YOUR  
EXISTING XP COMPUTER TO  
WINDOWS 7 OR WINDOWS 8**



# SHOULD I CONVERT TO WIN 7 OR 8?

## Windows 7

- **Very good OS**
- **Better familiarity for XP converts -Basic functionality is similar to XP**
- **No longer sold by Microsoft – OEM systems still available (Don't expect “free” help from Microsoft)**

## Windows 8.1

- **Excellent OS**
- **Faster startup (~2x faster)**
- **Less likely to crash**
- **More secure (~3x better)**



## SOME OTHER CONSIDERATIONS

- Some old programs may not run on Windows 7 or 8
- Some old hardware (printers & scanners) may not work on Win. 7 or 8 (no driver available)
- Some old hardware may not work on new computers (no serial or parallel port)



# UPGRADING YOUR EXISTING COMPUTER

- **Least expensive option (potentially)**
- **Most difficult or complex option versus buying a new Windows computer and uploading programs & data**
- **This option is not recommended unless you have a very “robust” computer system**



# MINIMUM SYSTEM REQUIREMENTS

	<b>Processor</b>	<b>Free disk space</b>	<b>Min. RAM</b>	<b>Rec. RAM</b>
<b>Win. XP</b>	<b>233 MHz</b>	<b>1.5 GB</b>	<b>64 MB</b>	<b>128 MB</b>
<b>Win. Vista</b>	<b>800 MHz</b>	<b>15 GB</b>	<b>512 MB</b>	<b>1 GB</b>
<b>Win. 7</b>	<b>1 GHz</b>	<b>16 GB</b>	<b>1 GB (32) 2 GB (64)</b>	<b>4 GB</b>
<b>Win. 8</b>	<b>1 GHz</b>	<b>20 GB</b>	<b>1 GB (32) 2 GB (64)</b>	<b>4 GB</b>

**Note: Graphics card with 128 MB RAM min. recommended for W.7 & W.8**





# MICROSOFT'S UPGRADING TOOLS

- **Checking your computer's capability**
  - **“Windows 7 Upgrade Advisor”**
  - **“Windows 8 Upgrade Assistant”**
- **Transfer files**
  - **“Microsoft Easy Transfer” tool**



# HOW TO UPGRADE TO WINDOWS 8.1

- **Review system requirements with “Windows Upgrade Assistant”**
- **Check compatibility of programs & devices with “Windows Compatibility Center”**
- **Back up your data**
- **Determine if you can run 64 bit Windows**
- **Install Windows 8.1 using “clean install” for XP**



# HOW TO DO A WINDOWS 8 CLEAN INSTALL

**Good step by step guide:**

- **Go to: [pcsupport.about.com](http://pcsupport.about.com)**
- **Search “How to Clean Install Windows 8”**
- **Find search results for articles titled:**
  - **“How to Clean Install Windows 8 or 8.2 (Part 1 or 2)”**
  - **“How to Clean Install Windows 8 or 8.2 (Part 2 or 2)”**



**OPTION: BUY A NEW  
WINDOWS 7 OR WINDOWS 8.1  
COMPUTER**

