

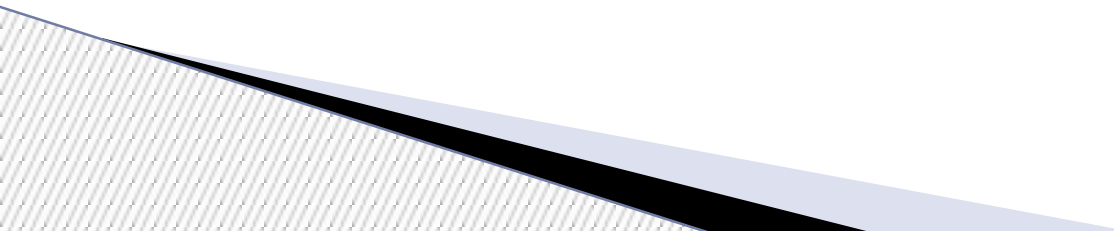
# Windows XP End of Life

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- Microsoft ends support for Windows XP as of April 8, 2014.
- This move could put consumers and businesses at risk for cyber crime.
- An estimated 30 percent of computers being used by businesses and consumers around the world are still running the 12-year-old operating system.



# US Bank ATMs face Windows XP Security Deadline

- ▶ Microsoft ends support for major software systems that run ATMs
  - ▶ Lack of Security leaves them vulnerable to cyber attacks
  - ▶ 95% of ATMS supported by Windows XP
  - ▶ Major banks striking deals to keep support
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# Risks of Staying with Windows XP

## ▶ Security

- Without critical Windows XP security updates, your PC may become vulnerable to harmful viruses, spyware, and other malicious software which can steal or damage your business data and information. Anti-virus software will also not be able to fully protect you once Windows XP itself is unsupported.

# Risks of Staying with Windows XP

## ▶ Compliance

- Businesses that are governed by regulatory obligations such as HIPAA may find that they are no longer able to satisfy compliance requirements. More information on HHS's view on the security requirements for information systems that contain electronic protected health information (e-PHI) can be found here ([HHS HIPAA FAQ - Security Rule](#)).

# Risks of Staying with Windows XP

- ▶ **Lack of Independent Software Vendor (ISV) Support**
  - Many software vendors will no longer support their products running on Windows XP as they are unable to receive Windows XP updates. For example, the new Office takes advantage of the modern Windows and will not run on Windows XP.

# Risks of Staying with Windows XP

## ▶ **Hardware Manufacturer support:**

- Most PC hardware manufacturers will stop supporting Windows XP on existing and new hardware. This will also mean that drivers required to run Windows XP on new hardware may not be available.

# Risks of Staying with Windows XP

- ▶ **Can Windows XP still be activated after April 8, 2014?**
  - Windows XP can still be installed and activated after end of support. Computers running Windows XP will still work but they won't receive any Microsoft Updates or be able to leverage technical support. Activations will still be required for retail installations of Windows XP after this date as well.



# Risks of Staying with Windows XP

- ▶ **Will Microsoft Security Essentials be supported after April 8, 2014?**
  - [Microsoft Security Essentials](#) will not be available for download on Windows XP after April 8, 2014. If you already have Microsoft Security Essentials installed, you will continue to receive anti-malware signature updates through July 14, 2015. However, please note that PCs running Windows XP after April 8, 2014 should not be considered protected.

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# Risks of Staying with Windows XP

- ▶ **Will Microsoft's Malicious Software Removal Tool be supported after April 8, 2014?**
  - Microsoft's Malicious Software Removal Tool is aligned with the company's anti-malware engines and signatures, and as such the removal tool will continue to be provided for Windows XP through July 14, 2015. However, any PC running Windows XP after April 8, 2014 should not be considered protected as there will be no security updates for the Windows XP operating system.

# Risks of Staying with Windows XP

- ▶ **Which machines will receive the Windows XP End of Support notification?**
  - The notification will be sent to users of Windows XP Home and Windows XP Professional who have elected to receive updates via Windows Update. Users in organizations using Windows Server Update Services (WSUS), System Center Configuration Manager, or Windows Intune will not receive the Windows XP end of support notification.

# How Do I migrate off Windows XP?

- ▶ To stay protected after support ends, you have some options. The first option is to **upgrade your current PC**. Very few older computers will be able to run Windows 8.1, which is the latest version of Windows. We recommend that you download and run the [Windows Upgrade Assistant](#) to check if your PC meets the [system requirements](#) for Windows 8.1
- ▶ Windows Upgrade Assistant <http://go.microsoft.com/fwlink/p/?LinkId=321548>
- ▶ Windows 8 & 8.1 System Requirements <http://windows.microsoft.com/en-us/windows-8/system-requirements>

# End of Support

Client operating systems	Latest update or service pack	End of mainstream support	End of extended support
<i>Windows XP</i>	<a href="#"><i>Service Pack 3</i></a>	<i>April 14, 2009</i>	<a href="#"><i>April 8, 2014</i></a>
<i>Windows Vista</i>	<a href="#"><i>Service Pack 2</i></a>	<i>April 10, 2012</i>	<i>April 11, 2017</i>
<i>Windows 7 *</i>	<a href="#"><i>Service Pack 1</i></a>	<i>January 13, 2015</i>	<i>January 14, 2020</i>
<i>Windows 8</i>	<a href="#"><i>Windows 8.1</i></a>	<i>January 9, 2018</i>	<i>January 10, 2023</i>

# Helpful XP Fan Sites

- ▶ Microsoft's decision to end support for Windows XP likely won't stop millions of people from using it, and XP user/fan sites will likely remain a good source for helpful tips and troubleshooting information if you ever run into a problem. You should become familiar with the most popular Windows XP fan forums, which include [Bleeping Computer](#), [Windows Forums](#), [XPforums.com](#), and [WindowsBBS](#).
- ▶ There are also some fan sites that can assist with common problems, such as [Mark Salloway's Windows XP Resource Center](#), [Paul Thurrott's Supersite For Windows](#) (check the XP section), and [MakeUseOf](#) (again, check the XP section). [We've also published a guide](#) with fixes to common Windows XP problems.

# Popularity of Linux Distributions

<a href="#">Mint</a>	3601
<a href="#">Ubuntu</a>	1985
<a href="#">Debian</a> 	1914
<a href="#">Mageia</a>	1568
<a href="#">Fedora</a>	1386
<a href="#">openSUSE</a>	1280
<a href="#">PCLinuxOS</a>	1111
<a href="#">Manjaro</a>	1023
<a href="#">Arch</a>	1002
<a href="#">Puppy</a>	865

<a href="#">elementary</a>	778
<a href="#">CentOS</a>	767
<a href="#">Zorin</a> 	742
<a href="#">FreeBSD</a>	705
<a href="#">CrunchBang</a>	686
<a href="#">Lubuntu</a>	625
<a href="#">SparkyLinux</a>	557
<a href="#">Kali</a>	554
<a href="#">Slackware</a>	534
<a href="#">Bodhi</a>	533