Secunia PSI Country Report - Q3 2013

USA

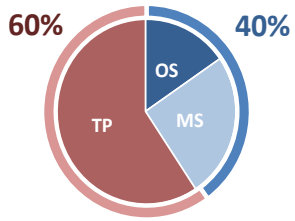
The average PC user in the USA has:

Programs Installed	40% of these programs	60% of these programs	Users with unpatched Operating Systems	Unpatched third-party programs on avg. PC	End-of-Life programs on average PC
75	**30 of 75**	**45 of 75**	**14.6%**	**10.7%**	**3.9%**
from 25 different vendors	are Microsoft programs	are from third-party vendors	WinXP, Win7, Win8 Windows Vista	Unpatched MS programs: 4.1%	no longer patched by the vendor

Introduction

This report documents the state of security among PC users in the USA, based on data from scans by the Secunia Personal Software Inspector, in Q3 2013. The security of a PC is largely controlled by the number and type of programs installed on it and to what extent these programs are patched. The data reflects the state of Secunia PSI users. It is safe to assume that Secunia PSI users are more secure than other PC users.

Origin of Vulnerabilities



Origin of vulnerabilities
Oct 2012 to Sep 2013

Operating System	15%
Microsoft Prog.	25%
3rd Party Prog. (TP)	**60%**

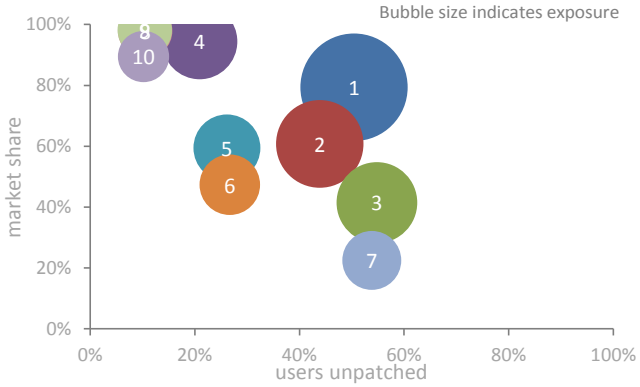
Cybercriminals know that most private users consider regular security maintenance of their PC hard work. As a result, a lot of users have PCs that are inadequately patched and therefore easily compromised.

On a typical PC, users have to master 25 different update mechanisms to patch the 75 programs on it, in order to remediate vulnerabilities:

- 1 single update mechanism for the 30 Microsoft programs that make up 40% of the programs on the PC.
- Another 24 different update mechanisms to patch the remaining 45 programs (60%) from the 24 so-called third-party vendors whose products are on the PC, and who each have a unique update mechanism.

Top 10 Most Exposed Programs

We have ranked the Top 10 of programs, based on risk exposure. We rank them based on 2 parameters: % market share multiplied by % of unpatched.
That is, how widespread they are multiplied by how many of their users have neglected to patch them, even though a patch is available.
The list at the far right shows how many vulnerabilities were detected for a program in the last four quarters (Oct 2012 to Sep 2013).



	Program	Unpatched	Market share	Vulns
1	Microsoft XML Core Services (MSXML)	50%	79%	2
2	Apple QuickTime 7.x	44%	61%	21
3	Adobe AIR 3.x	55%	41%	86
4	Adobe Flash Player 11.x	21%	94%	91
5	Oracle Java JRE 1.7.x / 7.x	26%	59%	160
6	Adobe Reader X 10.x	27%	47%	66
7	VLC Media Player 2.x	54%	22%	10
8	Microsoft .NET Framework 3.x	10%	98%	20
9	Microsoft .NET Framework 2.x	10%	98%	19
10	Microsoft .NET Framework 4.x	10%	90%	20

Vulns indicate number of new vulnerabilities in the last four quarters. Market share is percentage of PSI users who have the program installed on their PC.

What does it mean?

If a vulnerable program remains unpatched on your PC, it means that your PC is vulnerable to being exploited by hackers. So if 55% of PCs running Adobe AIR 3.x, who have a 41% market share, are unpatched, 23% of all PCs are made vulnerable by that program. The same PC can have several other unpatched, vulnerable programs installed.

Top 10 End-of-life (EOL) Programs

End-of-Life (EOL) programs are no longer maintained and supported by the vendor, and do not receive security updates. They are therefore treated as insecure.
If you identify and remove End-of-Life programs you have made your PC a great deal more secure!

#	Program	Market share
1	Oracle Java JRE 1.6.x / 6.x	39%
2	Google Chrome 28.x	38%
3	Mozilla Firefox 22.x	26%
4	Mozilla Firefox 23.x	25%
5	Adobe AIR 2.x	20%
6	Microsoft Removal Tool: Blaster/Nachi	19%
7	Adobe Shockwave Player 11.x	18%
8	Adobe Shockwave Player 10.x	14%
9	Skype for Windows 5.x	13%
10	Google Chrome 27.x	12%

Disclaimers: The data in this Country Report is a snapshot taken on 2013-09-30. Because Secunia Advisories are updated continuously, as new information becomes available, data in snapshots taken on different dates may vary.
Two different programs can have a shared code base and therefore share a vulnerability. This means that the same vulnerability will appear in 2 different programs. Therefore, when we group products the same vulnerability may be counted twice.

Remark: The percentage of unpatched users for a program/OS is highest shortly after the release of a patch

More Information: Secunia Personal Software Inspector (PSI) http://secunia.com/psi

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