Personal Software Inspector Country Report - Q1 2016

Australia

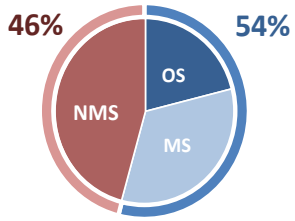
The average PC user in Australia has:

Programs Installed	41% of these programs	59% of these programs	Users with unpatched Operating Systems	Unpatched non-Microsoft programs	End-of-Life programs on average PC
79	**32 of 79**	**47 of 79**	**5.9%**	**12.4%**	**5.9%**
from 28 different vendors	are Microsoft programs	are from non-Microsoft vendors	Win7, Win8, Win10 Windows Vista	Unpatched MS programs: 3.8%	no longer patched by the vendor

Introduction

This report documents the state of security among PC users in Australia, based on data from scans by Personal Software Inspector, in Q1 2016. 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 Personal Software Inspector users. It is safe to assume that Personal Software Inspector users are more secure than other PC users.

Origin of Vulnerabilities



Origin of vulnerabilities
Apr 2015 to Mar 2016

Operating System	21%
Microsoft Prog.	33%
Non-Microsoft Prog.	**46%**

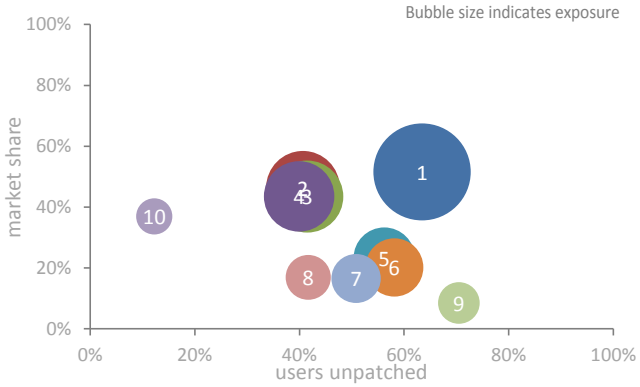
Cybercriminals know that most private users consider regular security maintenance of their PC hard work. As a result, a lot of users have PCs that are inadequately patched and therefore easily compromised.

On a typical PC, users have to master 28 different update mechanisms to patch the 79 programs on it, in order to remediate vulnerabilities:

- 1 single update mechanism for the 32 Microsoft programs that make up 41% of the programs on the PC.
- Another 27 different update mechanisms to patch the remaining 47 programs (59%) from the 27 non-Microsoft 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 (Apr 2015 to Mar 2016).



	Program	Unpatched	Market share	Vulns
1	Apple QuickTime 7.x	63%	52%	27
2	Apple iTunes 12.x	41%	46%	130
3	VLC Media Player 2.x	41%	43%	5
4	Oracle Java JRE 1.8.x / 8.x	40%	44%	72
5	Adobe Reader XI 11.x	56%	23%	121
6	Google Picasa 3.x	58%	20%	4
7	uTorrent for Windows 3.x	51%	17%	1
8	Adobe Shockwave Player 12.x	42%	17%	5
9	PuTTY 0.x	70%	9%	1
10	Adobe Acrobat Reader DC 15.x	12%	37%	121

Vulns indicate number of new vulnerabilities in the last four quarters. Market share is percentage of Personal Software Inspector 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 41% of PCs running VLC Media Player 2.x, who have a 43% market share, are unpatched, 18% 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	Adobe Flash Player 20.x	79%
2	Microsoft XML Core Services (MSXML) 4.x	63%
3	Google Chrome 48.x	43%
4	Google Chrome 47.x	27%
5	Oracle Java JRE 1.7.x / 7.x	24%
6	Mozilla Firefox 44.x	24%
7	Mozilla Firefox 43.x	23%
8	Oracle Java JRE 1.6.x / 6.x	16%
9	Adobe Reader X 10.x	15%
10	Adobe AIR 20.x	14%

Disclaimers: The data in this Country Report is a snapshot taken on 2016-03-31. 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: Personal Software Inspector: http://flexerasoftware.com/svm/personal