Personal Software Inspector Country Report - Q4 2016

Norway

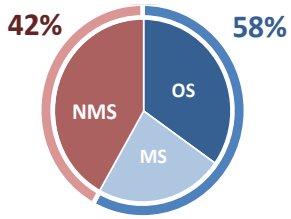
The average PC user in Norway has:

Programs Installed	43% of these programs	57% of these programs	Users with unpatched Operating Systems	Unpatched non-Microsoft programs	End-of-Life programs on average PC
70	**30 of 70**	**40 of 70**	**6.9%**	**14.9%**	**7.3%**
from 24 different vendors	are Microsoft programs	are from non-Microsoft vendors	Win7, Win8, Win10 Windows Vista	Unpatched MS programs: 5.1%	no longer patched by the vendor

Introduction

This report documents the state of security among PC users in Norway, based on data from scans by Personal Software Inspector, in Q4 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 Jan 2016 to Dec 2016	
Operating System	35%
Microsoft Prog.	23%
Non-Microsoft Prog.	**42%**

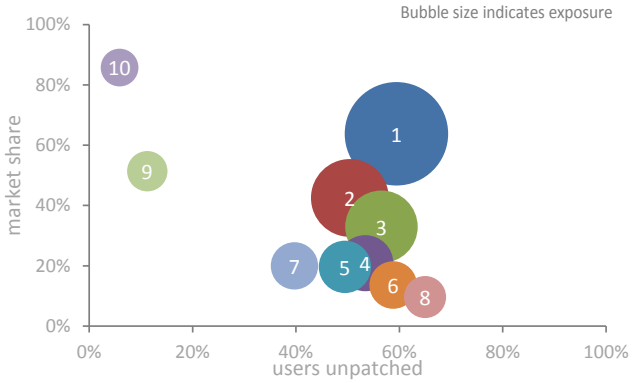
Cybercriminals know that most private users consider regular security maintenance of their PC hard work. As a result, a lot of users have PCs that are inadequately patched and therefore easily compromised.

On a typical PC, users have to master 24 different update mechanisms to patch the 70 programs on it, in order to remediate vulnerabilities:

- 1 single update mechanism for the 30 Microsoft programs that make up 43% of the programs on the PC.
- Another 23 different update mechanisms to patch the remaining 40 programs (57%) from the 23 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 (Jan 2016 to Dec 2016).



	Program	Unpatched	Market share	Vulns
1	Oracle Java JRE 1.8.x / 8.x	59%	64%	39
2	VLC Media Player 2.x	50%	43%	5
3	Apple iTunes 12.x	57%	33%	29
4	Google Picasa 3.x	53%	21%	0
5	Adobe Reader XI 11.x	49%	20%	227
6	uTorrent for Windows 3.x	59%	14%	1
7	Adobe Shockwave Player 12.x	40%	20%	0
8	Apache OpenOffice 4.x	65%	10%	1
9	Adobe Acrobat Reader DC 15.x	11%	51%	227
10	Microsoft Internet Explorer 11.x	6%	86%	106

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 57% of PCs running Apple iTunes 12.x, who have a 33% market share, are unpatched, 19% 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 23.x	82%
2	Microsoft SQL Server 2005 Compact Edition	59%
3	Microsoft XML Core Services (MSXML) 4.x	59%
4	Google Chrome 54.x	48%
5	Apple QuickTime 7.x	34%
6	Google Chrome 53.x	23%
7	Mozilla Firefox 49.x	22%
8	Oracle Java JRE 1.7.x / 7.x	18%
9	Adobe AIR 3.x	13%
10	Adobe Flash Player 22.x	11%

Disclaimers	The data in this Country Report is a snapshot taken on 2016-12-01. 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

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