Personal Software Inspector Country Report - Q4 2016

# United Kingdom

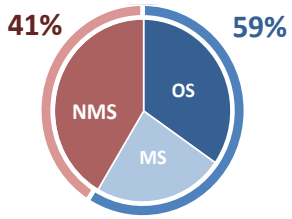
The average PC user in the United Kingdom has:

| Programs Installed | 42% of these programs | 58% of these programs | Users with unpatched Operating Systems | Unpatched non-Microsoft programs | End-of-Life programs on average PC |
|---|---|---|---|---|---|
| **72** | **30 of 72** | **42 of 72** | **7.2%** | **12.5%** | **6.7%** |
| from 25 different vendors | are Microsoft programs | are from non-Microsoft vendors | Win7, Win8, Win10 Windows Vista | Unpatched MS programs: 5.0% | no longer patched by the vendor |

## Introduction

This report documents the state of security among PC users in the United Kingdom, 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. | 24% |
| **Non-Microsoft Prog.** | **41%** |

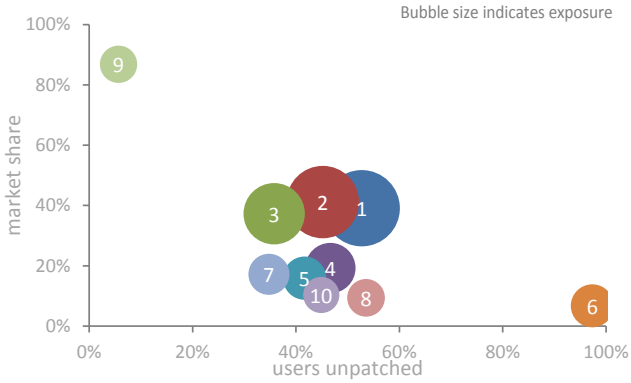
Cybercriminals know that most private users consider regular security maintenance of their PC hard work. As a result, a lot of users have PCs that are inadequately patched and therefore easily compromised.

On a typical PC, users have to master 25 different update mechanisms to patch the 72 programs on it, in order to remediate vulnerabilities:

- 1 single update mechanism for the 30 Microsoft programs that make up 42% of the programs on the PC.
- Another 24 different update mechanisms to patch the remaining 42 programs (58%) from the 24 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 | Apple iTunes 12.x | 53% | 39% | 29 |
| 2 | Oracle Java JRE 1.8.x / 8.x | 45% | 41% | 39 |
| 3 | VLC Media Player 2.x | 36% | 37% | 5 |
| 4 | Adobe Reader XI 11.x | 47% | 19% | 227 |
| 5 | Google Picasa 3.x | 42% | 16% | 0 |
| 6 | Node.js 0.x | 97% | 7% | 13 |
| 7 | Adobe Shockwave Player 12.x | 35% | 17% | 0 |
| 8 | uTorrent for Windows 3.x | 54% | 9% | 1 |
| 9 | Microsoft Internet Explorer 11.x | 6% | 87% | 106 |
| 10 | Apache OpenOffice 4.x | 45% | 10% | 1 |

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 36% of PCs running VLC Media Player 2.x, who have a 37% market share, are unpatched, 13% 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 | 81% |
| 2 | Microsoft XML Core Services (MSXML) 4.x | 53% |
| 3 | Microsoft SQL Server 2005 Compact Edition | 51% |
| 4 | Google Chrome 54.x | 44% |
| 5 | Apple QuickTime 7.x | 31% |
| 6 | Mozilla Firefox 49.x | 26% |
| 7 | Google Chrome 53.x | 21% |
| 8 | Oracle Java JRE 1.7.x / 7.x | 15% |
| 9 | 7-zip 9.x | 12% |
| 10 | Oracle Java JRE 1.6.x / 6.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.<br>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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