AVG Cleaner™
for iPhone® & iPad®
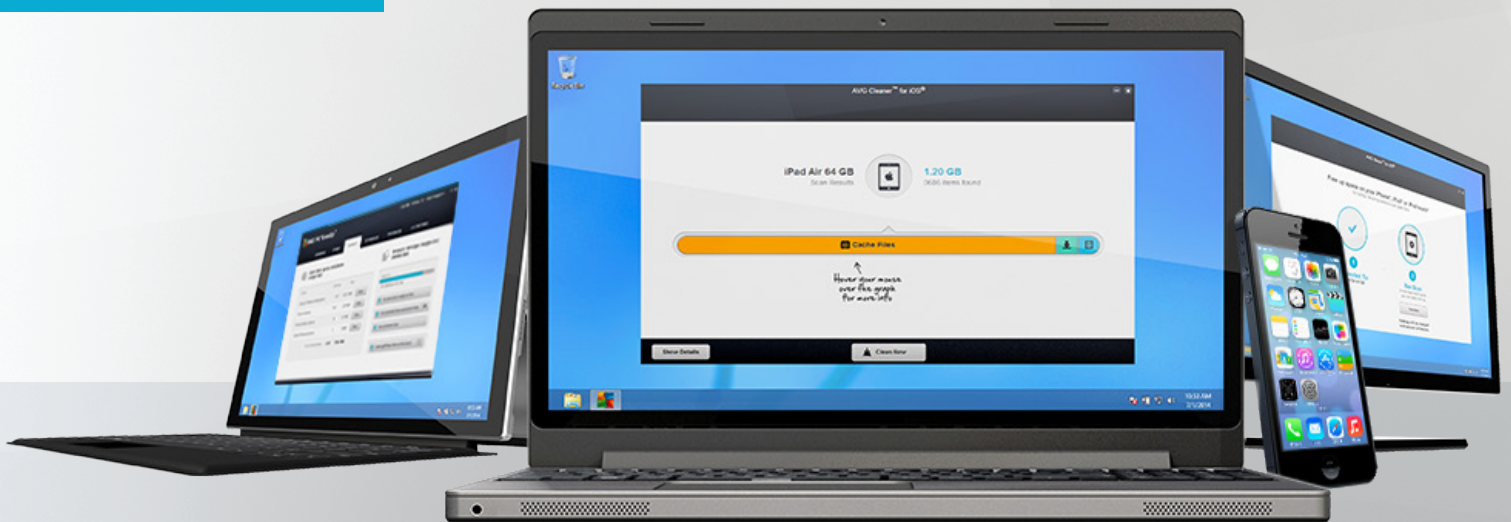## Part of AVG PC TuneUp®

Whitepaper

Sandro Villinger

01.10.2014 | **Version** 2.0

be
powered up

Serving **182 million** active users.

Chapter 1 | Introduction

This whitepaper documents the impact of AVG Cleaner for iOS on three typical iOS devices. The aim is to determine the amount of wasteful data produced by iOS, the apps installed and the users. AVG Cleaner for iOS – part of AVG PC TuneUp - identifies these unnecessary app caches, log files, unfinished downloads and other unwanted files on Apple iPhone®, iPod touch® and iPad®.

Chapter 1 | Introduction

1.1 Device Details

The cleaning tests were performed on the following devices:

iPad Air®

Details & Preparation:
This iPad was purchased in Q4 2013 and was used for about 1-2 hours daily for browsing, video streaming, working with Microsoft Office® apps and gaming.

iPhone® 5S

Details & Preparation:
This iPhone 5S was purchased in May 2014 and was used on a daily basis with heavy phone usage, iMessage® texting, emailing, social media and video streaming.

iPod Touch®

Details & Preparation:
The iPod Touch with 32 GByte was purchased in March 2014 and was used for exercise (gym, running) and traveling purposes, such as taking pictures on backpacking trips, using various travel apps and doing research and emailing on the road.

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1.1 Device Details cont...

Test tool used: AVG Cleaner for iOS, part of AVG PC TuneUp, is capable of analyzing and removing leftover information from iOS devices, such as:

- Information held in an apps **'Cache'** and **'Temporary Files'** folders which contains data that's needed while the app is running. This includes, for example, downloaded map data that you looked at when you were on your last vacation or videos you streamed using a YouTube™ app. These are all files that can be created from scratch if the apps really need them.

- **'System Logs'** that are created and forgotten after an app crashes.

- **'Photo Thumbnails'** created by 3rd party apps.

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Chapter 2 | Test Results

This chapter contains all the results from our lab testing and should give readers an impression of how much leftover data accumulated on three relatively new devices.

2.1 Test Results Disclaimer

The following test results were performed under a highly controlled environment, in accordance to industry standards, and with professional measurement software and techniques. The tests were done with care. However, the testers cannot guarantee that these cleaning tests are absolutely accurate and can be reproduced on other iOS devices.
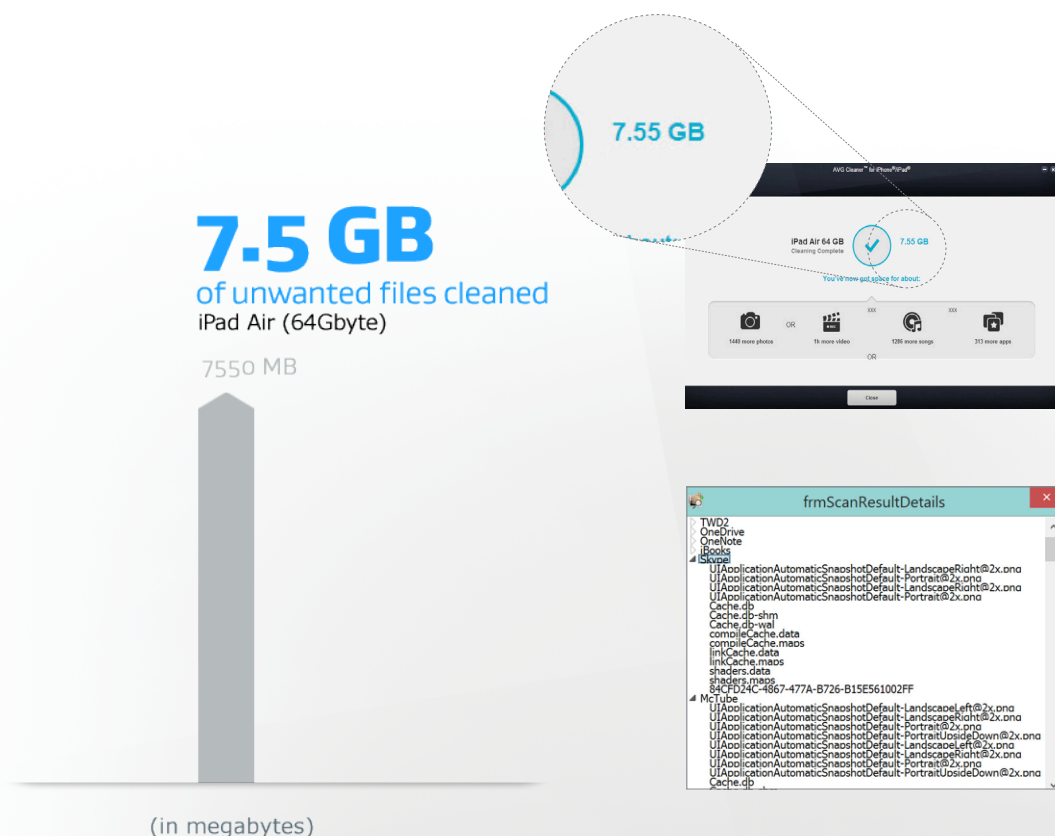
As leftover files accumulate constantly during usage, the results taken with AVG Cleaner only represent a snapshot in time. Still, the results represent a close to real representation of iOS devices after a certain time of continuous usage and how an optimization product is capable of solving these problems.

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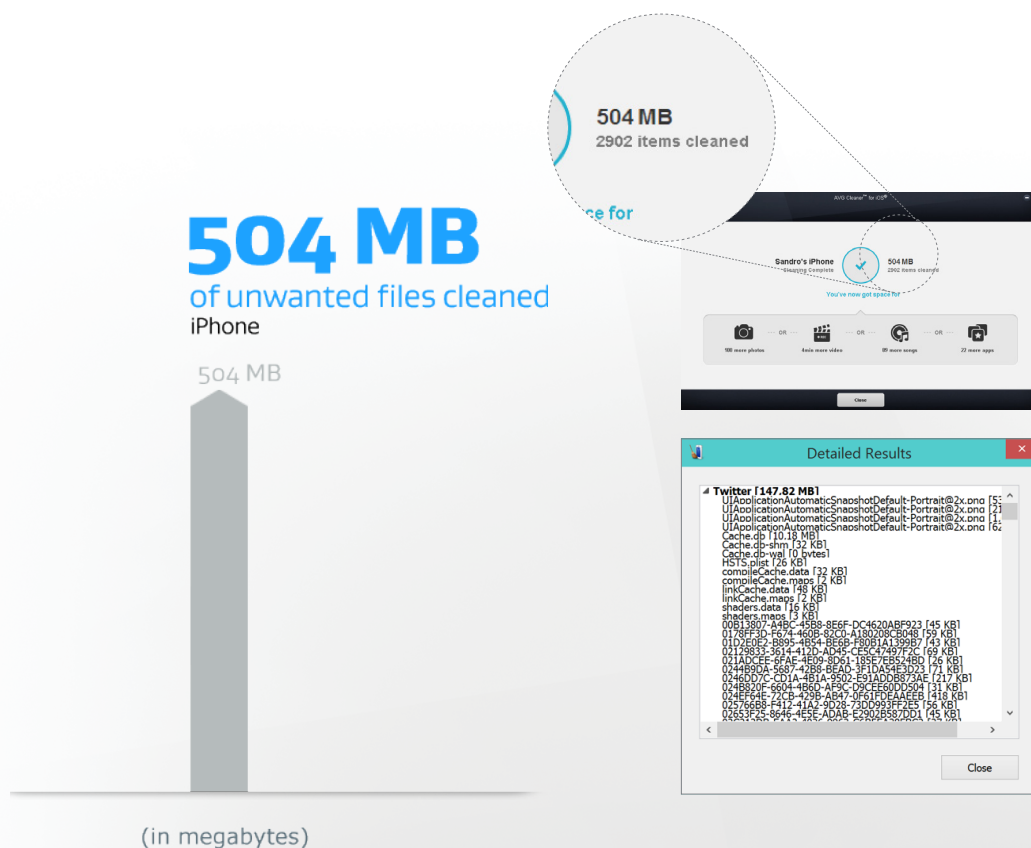
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2.2 Test Results on iPad Air®

After only a year, the iPad collected 7.5 GByte of unnecessary files. A lot of them were unfinished downloads, huge cache files and also crash logs that AVG Cleaner for iOS safely removes. Our early testing showed a wide variety of leftover files such as temporary files in Skype® and McTube Pro as seen below:

7.5 GB
of unwanted files cleaned
iPad Air (64Gbyte)

7550 MB

(in megabytes)

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Chapter 2 | Test Results
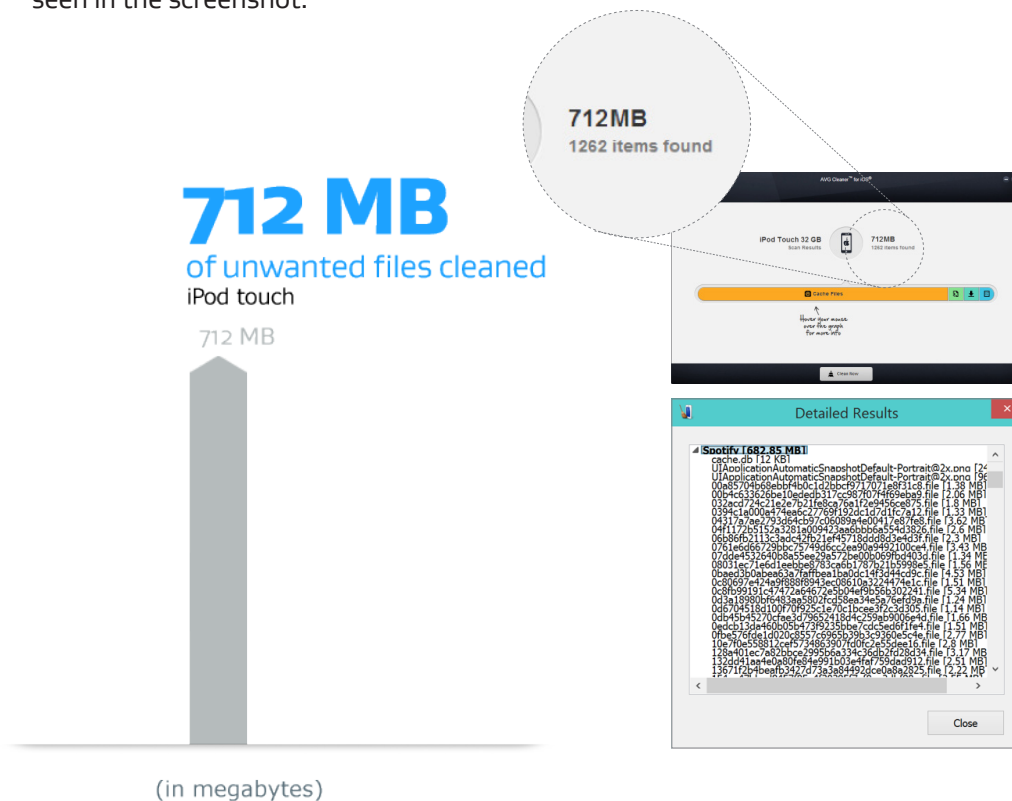
2.3   Test Results on iPhone® 5S 32 GByte

In just a few weeks, half a gigabyte of worthless files got cleaned up. More than 2900 items got deleted, which included over 140 MB of cache files within the Twitter™ app:

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Chapter 2 | **Test Results**

2.4 Test Results on iPod Touch® 32 Gbyte

After weeks and weeks of using the iPod touch whilst working out and traveling, it accumulated over 700 MB of junk files. After our cleanup, the device had more space for photos, songs and apps. Of particular note is the Spotify app. After only a few weeks of constant usage it cached dozens of songs and forgot to delete them, as seen in the screenshot:

712 MB
of unwanted files cleaned
iPod touch

(in megabytes)

Bottom Line   We found it highly surprising that the iOS devices stored Gigabytes worth of unnecessary files in both cached files (e.g. Spotify) and massive system logs. Fortunately, our Cleaner for iOS application was able to identify and successfully get rid of it.

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Chapter 3 | Contact Information

The contact information below is provided in case you are working with particular individuals or agencies on this review. If you have any questions around AVG Cleaner for iPhone & iPad, please contact:

Sando Villinger

sandro.villinger.contractor@avg.com

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