Avast® Android™ App
Performance & Trend Report

Q1 2017 | by Avast®

Contents

Executive Summary

The Avast Android App Performance & Trend Report Q1 2017 reveals the top performance-draining apps for Android devices, based on battery, storage and data use, and the key recent trends in Android app use.

Methodology

COVERING

Q1

The app data included in this report covers the time period of January through to March 2017.

DATA FROM OVER

3,000,000

ANDROID USERS

The Avast Android App Performance & Trend Report was gathered from a sample of aggregated and anonymized data from more than three million Android users around the globe for performance data (battery life, storage and traffic) and more than 50 million users for general app statistics.

APPS WITH

50K+ USAGE INCIDENCES

This report only includes Google Play applications where Avast observed a minimum sample size of 50,000 usage incidences.

Insights &
Analysis **A**

A Insights and Analysis
New Resource Drainers in 2017

1 Google Talkback
The New Hidden Resource Hog

Talkback is a newcomer in the list of most performance-draining applications. The accessibility app helps blind or vision-impaired users by offering them text-to-speed options, vibration feedback and more. Unfortunately, the app seems to drain power even if it isn't actively being used.

There are some 3rd party apps toggle Talkback on, so that it launches automatically once you reboot your smartphone — and it stays on.

TIP: To fix this, go to your **Settings**, find **Accessibility** and **Talkback.** Flip the switch to **Off** or if it's already off, flip it **On** and **Off** again.

2 Google Play Music
Drainer on the Dancefloor
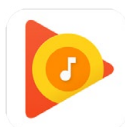
The built-in Google Play Music app seems to rapidly drain battery and is in the 7th spot of our top 10 most resource-draining apps. It seems that ad blockers are a common cause for battery drain with the music app.

TIP: Add Google Play Music to the whitelist of your ad blocker. This can sometimes help eliminate the issue.

3 SHAREit
Sharing is Draining with this Smartphone Killer

This free app by Lenovo allows you to share files over Wi-Fi from one device to another and works with PCs (Windows), Android and iOS devices. It's a high-ranking app loved by its users, but given its Wi-Fi usage, it appears at the No 4 spot on our most performance-intense apps list.
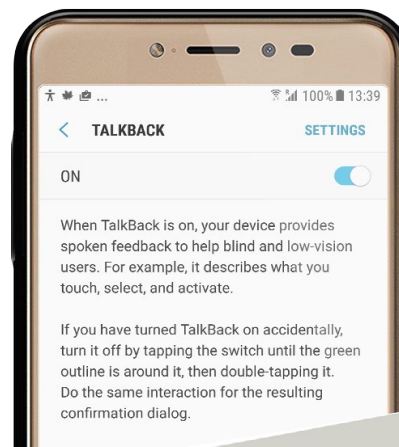
A Insights and Analysis
New Resource Drainers in 2017

4 Google Doc
Text Editor Causes Writer's Block

This straightforward text editor is now the second most draining app on our list. Our testers found that the app impacted the battery more when you're accessing Google Drive regularly.

> **TIP** Uninstalling and reinstalling Google Drive and Google Docs can help with this issue.

5 Samsung Media Hub
The Ghost of Smartphones Past

This app was actually discontinued in 2014 yet is showing up as a resource drainer 3 years later. This may be caused by older Galaxy phones from 2013 and 2014 still running it actively. If it's on your device but you're not using it, you can remove it and use other current media stores and players instead.

6 Piano Tiles 2
Musical Mischief Maker

The rhythm and timing based game Piano Tiles 2 is one of the top resource draining apps in the games category. In our own tests using a Galaxy S6, it drained the battery in less than 3 ½ hours of consistent usage.

![Avast]
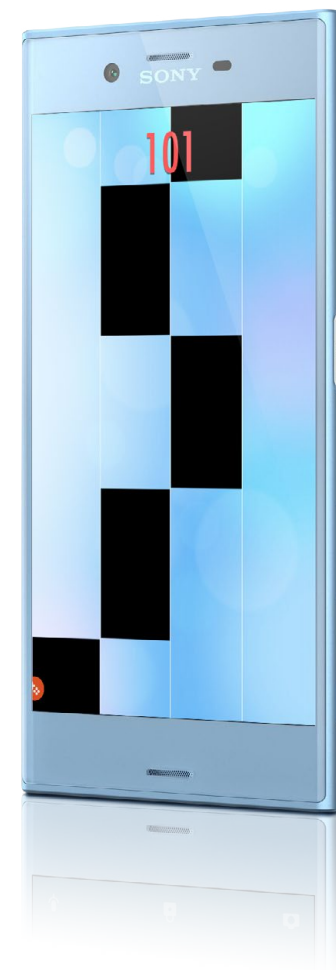
A Insights and Analysis
Top 50 Most Installed Android Apps

#	App		#	App		#	App		#	App		#	App	
1	Facebook		11	Twitter		21	SHAREit		31	LINE: Free Calls & Messages		41	PicsArt Studio	
2	WhatsApp Messenger		12	Snapchat		22	Shazam		32	Firefox		42	Bitmoji	
3	Chrome Browser (Google)		13	Spotify		23	Candy Crush Saga		33	Subway Surfers		43	Telegram	
4	Messenger		14	Adobe Acrobat Reader		24	Clean Master		34	AliExpress Shopping App		44	Photogrid	
5	Instagram		15	Uber		25	Microsoft Outlook		35	Clash Royale		45	UC Browser	
6	Dropbox		16	Pinterest		26	Yahoo Mail		36	Pokémon GO		46	Super Mario Run	
7	Skype		17	Netflix		27	ZEDGE™		37	ES File Explorer File Manager		47	Opera Mini Browser	
8	Microsoft Word		18	AVG Cleaner		28	Waze - GPS, Maps & Traffic		38	Wish		48	Piano Tiles 2	
9	Instant Apps		19	Google Play Games		29	imo free video calls and chat		39	Truecaller		49	My Talking Tom	
10	Google Translate		20	Viber Messenger		30	Facebook Lite		40	Clash of Clans		50	8 Ball Pool	

7 Google Instant Apps: Storming the charts
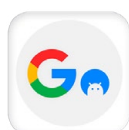
Not a lot has changed in the list of most installed apps on Android since the last report, except for **Google Instant Apps**, which is installed on 3 million of the 50 million devices surveyed. It's Google's technology to help test drive apps without actually installing them, as only a portion of the app is being downloaded and not permanently stored.

AliExpress is the other newbie on our list – the app allows you to shop across multiple online stores worldwide and has entered the list of most installed applications in Q1 2017. Both **Microsoft Word** and **Microsoft Outlook** made it into the list of top 50 apps worldwide, too, and are now the most used text editing and email apps aside from Google's own pre-installed apps (which we don't count here).

A Insights and Analysis
Most Popular Devices: Q1 2017

8 **Most popular devices in Q1 2017:**
Samsung S6 and S7 are gaining marketshare

The once popular Samsung Galaxy S3 noticeably lost market share in Q1 - only about 750,000 active devices among our total user base remain, in comparison to nearly 2 million a year ago.

The new star in the Samsung line-up is the S7, which started showing up on our Top 10 in Q4 2016 and is now the fifth most popular smartphone in the Android world.

Among our user base, Sony lost approximately 30% market share between Q1 2016 and Q1 2017.

1 **Samsung Galaxy S5 Duos 4G LTE-A**
Google Android 4.4.4

2 **Sony Xperia Z2 LTE**
Google Android 4.4.2

3 **Samsung Galaxy S6 LTE-A**
Google Android 5.0.2

4 **Samsung Galaxy S3 Neo Specs**
Google Android 4.3

5 **Samsung S7 Edge XLTE**
Google Android 6.0.1

6 **Samsung S7 Duos TD-LTE**
Google Android 6.0.1 (Chinese)

7 **Sony Xperia Z3 Compact LTE**
Google Android 4.4.4

8 **Sony Xperia Z3 LTE-A Specs**
Google Android 4.4.4

9 **Sony Xperia M4 Aqua Dual LTE**
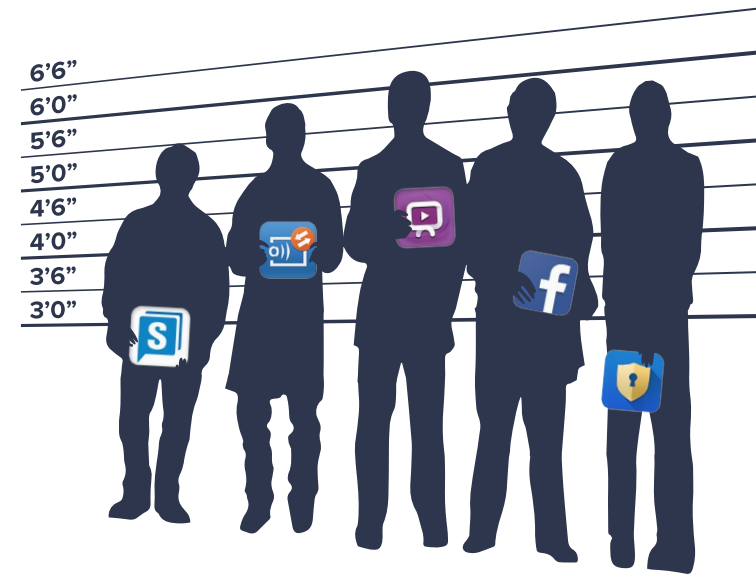Google Android 5.0

10 **Samsung Galaxy S4 Black Edition 32GB**
Google Android 4.2.2

A Insights and Analysis
The Usual Suspects: Facebook, AllShare Cast & more

Since we first produced this report, a number of resource-eating apps have consistently appeared on our lists with the following seven being the most common:

1 AllShare Cast Dongle Software Update

This is a service responsible for updating the AllShare Cast Dongle software which allows users to stream content from their phones, such as videos or songs, to a compatible smart TV. A few years ago, it came as a pre-install on some smartphones, such as the Samsung Galaxy S4. However, even when not in use, the app continues to drain resources, so if you want to stop it, check your list of most draining apps (see AVG Cleaner for Android) or find the AllShare Cast app on your phone and turn off quick sharing.

2 Samsung WatchOn

WatchOn, Samsung's pre-installed remote app (also called 'Peel' on newer devices) can switch channels on your smart TV or help you find a program. It drains battery so if you are low on power, it's helpful to turn it off.

3 Samsung Push Service

Also a pre-installed service, this allows Samsung-only apps like ChatON, AllShare or Samsung Wallet to display notifications. It's helpful to know that this app also drains phone battery.
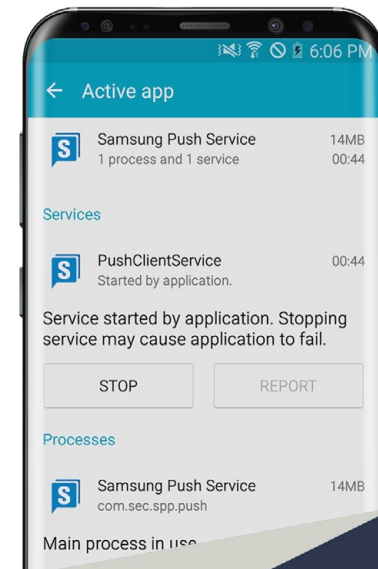
4 Facebook & Facebook Messenger

No surprises here, both Facebook and its messenger app always rank among the top drainers on Android phones. Accessing Facebook through your browser will eliminate the constant background drain of the app, although you'll be missing out on notifications and the comfort of the app.

5 Samsung ChatOn

This app has been discontinued and replaced by the Samsung Knox Message BETA, except in the US. Again, it is a heavy resource drainer so if you are not using it, you should remove it from your device.

### 6 Samsung Knox / Security Policy Update

A security system running on a wide variety of Android smartphones. It was introduced a few years ago and helps provide a secure environment for enterprise applications on phones, allowing "BYOD" (Bring Your Own Device). It's designed to prevent malicious apps from impacting your company's apps. The update app, however, draws more battery life than it really should.

7 Mobeam Beep'nGo
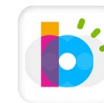
The Beep'nGo app allows you to scan and store all your plastic cards that have a barcode, eliminating the need to carry your plastic cards with you. This top battery draining app was discontinued in 2017.

6'6"
6'0"
5'6"
5'0"
4'6"
4'0"
3'6"
3'0"
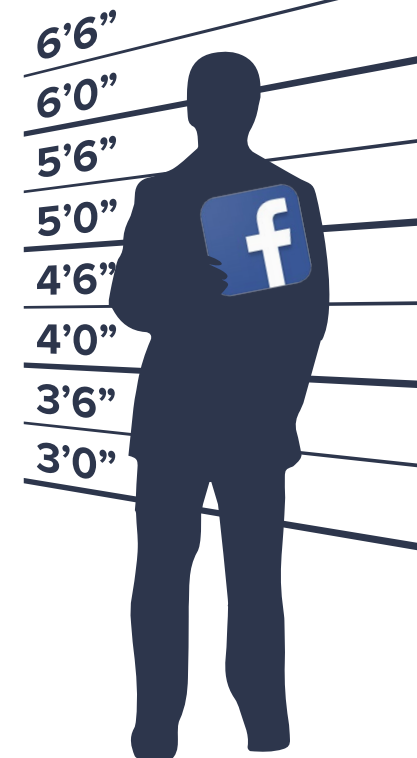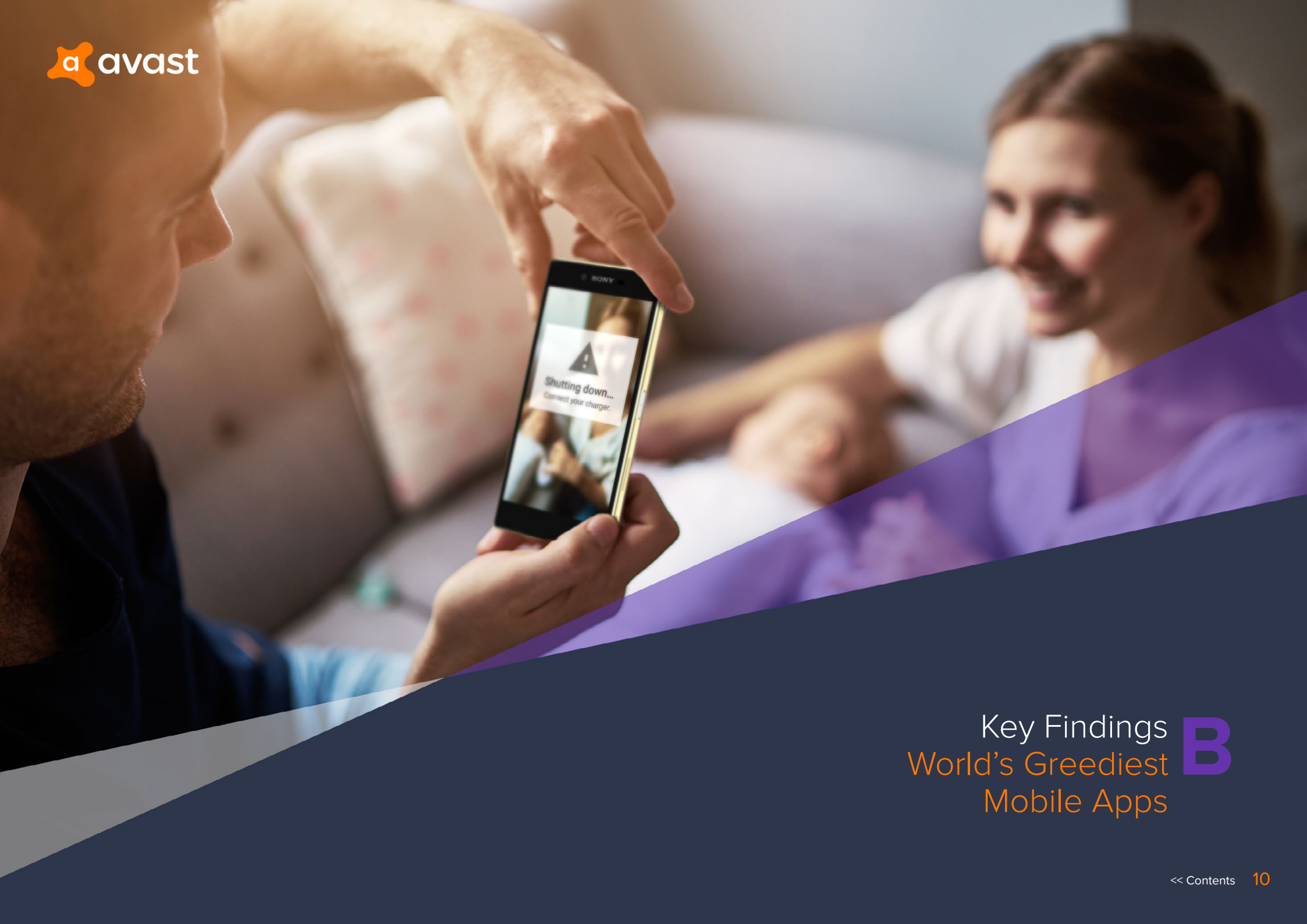
Key Findings
World's Greediest
Mobile Apps

B

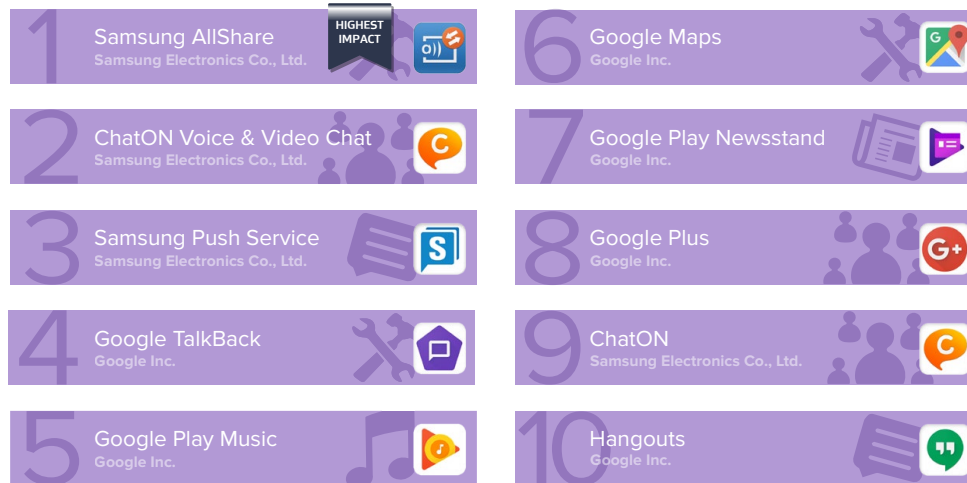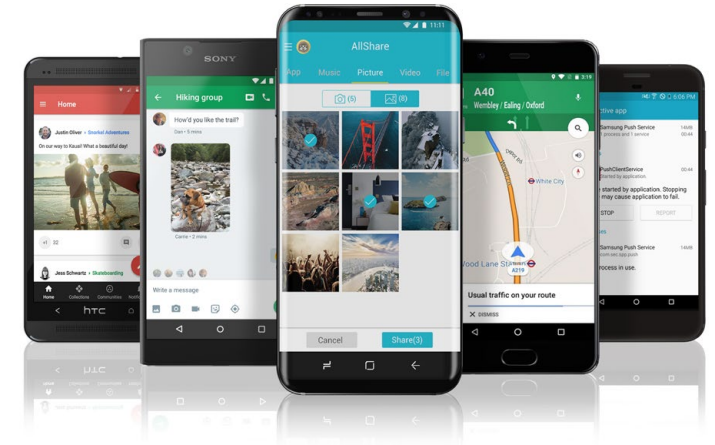![Avast logo]

B Key Findings
World's Greediest Mobile Apps

In this section, we reveal which apps had the most overall impact on mobile devices, draining battery life, storage and data plan.

TOP 10 PERFORMANCE-DRAINING APPS THAT RUN AT START-UP

1 Samsung AllShare — HIGHEST IMPACT Samsung Electronics Co., Ltd.	**6** Google Maps Google Inc.
2 ChatON Voice & Video Chat Samsung Electronics Co., Ltd.	**7** Google Play Newsstand Google Inc.
3 Samsung Push Service Samsung Electronics Co., Ltd.	**8** Google Plus Google Inc.
4 Google TalkBack Google Inc.	**9** ChatON Samsung Electronics Co., Ltd.
5 Google Play Music Google Inc.	**10** Hangouts Google Inc.

CATEGORY: 👥 Social   💬 Communication   🛠 Tools   📰 Newspaper & Magazines   🎵 Music & Audio

Apps that run automatically in the background

In this quarter, the list of the most resource-heavy apps that run in the background is dominated by built-in or pre-installed apps. Notably, these include Samsung's **AllShare, ChatON** or **Push Services** apps alongside Google's **Plus**, **Hangout** and **Maps** apps. Separately, ChatON even showed up twice on our list: the earlier version which came pre-installed on some older Galaxy phones and its successor ChatON Voice & Videochat.

> **TIP** Stop, sleep or uninstall apps that you don't need. Find alternatives to the ones mentioned above if they show up on your lists of most draining apps.

B Key Findings
World's Greediest Mobile Apps

TOP 10 PERFORMANCE-DRAINING APPS RUN BY USERS

1	Samsung WatchON Samsung Media Solution Center	HIGHEST IMPACT
2	Google Docs Google Inc.	
3	Samsung Media Hub Samsung Electronics Co,. Ltd.	
4	SHAREit SHAREit Technologies Co. Ltd	
5	Video Editor Samsung Electronics MP Lab.	
6	Flipboard Flipboard	
7	Google Text-to-Speech Google Inc.	
8	Clean Master Cheetah Mobile	
9	LINE: Free Calls & Messages LINE Corporation	
10	Adobe Acrobat Reader Adobe	

CATEGORY: Entertainment Communication Productivity Newspaper & Magazines Tools

Apps activated by the user that run in the foreground:

For the first time in months, two previous drainers **Spotify** and **Snapchat**, have dropped out of their top 10 positions on the most performance draining apps list. As we've mentioned above, **Google Docs**, an app that's as simple as editing text is now the number two drainer on your phone, so using a different editor tool, such as **Microsoft Word**, could be an alternative.

B **Key Findings**
Top Ten Battery Draining Apps

TOP 10 BATTERY DRAINERS THAT RUN AT START-UP

1	Samsung AllShare Samsung Electronics Co,. Ltd.	HIGHEST IMPACT

6	WhatsApp Messenger WhatsApp Inc.

2	Samsung Security Policy Updates Samsung OTA Software Update

7	Facebook Facebook

3	Beaming Service for Samsung Mobeam Inc.

8	WeChat WeChat Tencent

4	ChatON Voice & Video Chat Samsung Electronics Co., Ltd.

9	AppLock DoMobile Lab

5	Google Maps Google Inc.

10	DU Battery Saver DU APPS STUDIO

CATEGORY: Social   Productivity   Tools   Communication

Aside from the pre-installed apps we've already covered, **Facebook, WhatsApp** and **WeChat** are also the top drainers in that category. In the case of Facebook and its messaging app, you can still uninstall and use the web-only version to help save resources.
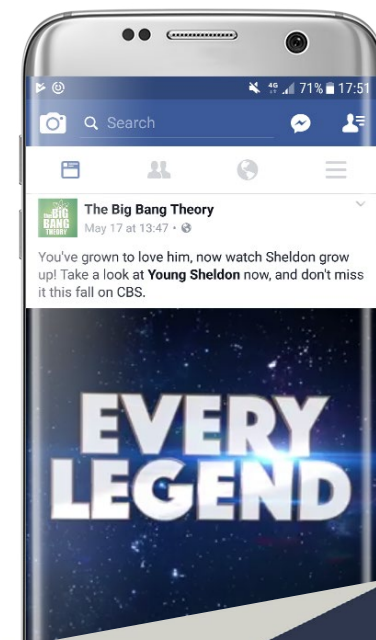
avast

B Key Findings
Top Ten Battery Draining Apps

TOP 10 BATTERY-DRAINERS RUN BY USERS

1 Samsung WatchON — HIGHEST IMPACT — Samsung Media Solution Center	**6** Clean Master Cheetah Mobile
2 Video Editor Samsung Electronics MP Lab.	**7** LINE: Free Calls & Messages LINE Corporation
3 Netflix Netflix, Inc.	**8** Microsoft Outlook Microsoft Corporation
4 Spotify Music Spotify Ltd.	**9** BBC News BBC News
5 Snapchat Snap Inc.	**10** ES File Explorer File Manager ES Global

CATEGORY: ⬛ Social ⬛ Entertainment ⬛ Productivity ⬛ Tools ⬛ Music & Audio ⬛ Communication ⬛ Newspaper & Magazines

Samsung's built-in video editor has now become the second most battery draining app. It requires intense processing (CPU) and graphical (GPU) resources from your phone for editing and adding effects to your videos.

No surprise here: **Spotify, Netflix** and **Snapchat** continue to be heavy drainers, as they're using more resources than your browser or mail app.
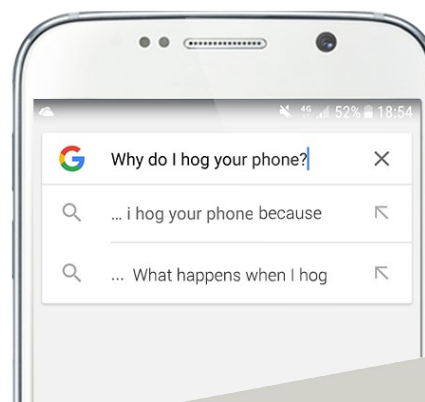
B Key Findings
Top Ten Storage Hogging Apps

TOP 10 STORAGE-EATERS THAT RUN AT START UP

1	**Facebook** Facebook	HIGHEST IMPACT
2	**Instagram** Instagram	
3	**Amazon Kindle** Amazon Mobile LLC	
4	**Facebook Messenger** Facebook	
5	**CosmoSia** ACCESS Co., Ltd.	

6	**Quick Search Box** Google Inc.
7	**Google Maps** Google Inc.
8	**Google Chrome** Google Inc.
9	**Firefox Browser fast & private** Mozilla
10	**Tango - Free Video Call & Chat** Tango

CATEGORY: Social   Communication   Tools   Books & Reference

Once at the top of the list of most resource draining and (particularly) storage eating apps, as outlined in our last App Report, **musical.ly** is no longer on this list. Instead, we are seeing a return of classic apps that use up your phone's internal memory, such as **Facebook, Instagram, and Kindle**, all of which store local cache files, photos or books. Note that these apps run automatically at startup, so you might not even be aware of their excessive usage.

Google's Quick Search Box appears to keep larger caches than Maps or Chrome and our testing indicated that offline searches and the cache used by Google's Quick Search box tends to grow excessively. Only uninstalling it or using a cache cleaner (such as AVG Cleaner for Android) helps keep usage down.

Why do I hog your phone?

... i hog your phone because

... What happens when I hog

![avast logo]

B Key Findings
Top Ten Storage Hogging Apps

TOP 10 STORAGE-EATERS RUN BY USERS

| 1 | Spotify Music
Spotify Ltd. | HIGHEST IMPACT |
| 6 | PicsArt Photo Studio & Collage
PicsArt |

| 2 | Snapchat
Snap Inc. |
| 7 | Amazon Shopping
Amazon Mobile LLC |

| 3 | LINE: Free Calls & Messages
LINE Corporation |
| 8 | BBC News
BBC News |

| 4 | Video Editor
Samsung Electronics MP Lab. |
| 9 | Clean Master
Cheetah Mobile |

| 5 | SoundCloud - Music & Audio
SoundCloud |
| 10 | Photo Grid
Cheetah Mobile |

CATEGORY: ♫ Music & Audio   💬 Communication   👥 Social   📷 Photography   📰 Newspaper & Magazines   🛠 Tools   🛒 Shopping

Spotify is back on the list of top storage eaters that are being actively run by users. You could clean down the music or playlists you aren't listening to any more to help manage this. Apps we saw in our previous report, such as the **Jehovah's Witnesses JW Library** App and comic-book reader **Comico,** are no longer on the list.

New on the list is **Photo Grid**, an fun effect-driven picture editor that you can use to add effects to your selfies or photos to absurd limits. Remember to clean up photos if you don't need them anymore.

B Key Findings
Top Data Traffic Hogging Apps

TOP DATA TRAFFIC HOGS THAT RUN AT START-UP

1	**Facebook** Facebook	6	**WhatsApp Messenger** WhatsApp Inc.
2	**Instagram** Instagram	7	**Google Chrome** Google Inc.
3	**Yahoo! JAPAN** Yahoo Japan Corp.	8	**DU Battery Saver** DU APPS STUDIO
4	**Firefox Browser fast & private** Mozilla	9	**Facebook Lite** Facebook
5	**The Weather Channel** The Weather Channel	10	**Google Play Store** Google Inc.

HIGHEST IMPACT

CATEGORY: 👥 Social 🔧 Tools 💬 Communication 📰 Newspaper & Magazines ☀ Weather 🎵 Music & Audio

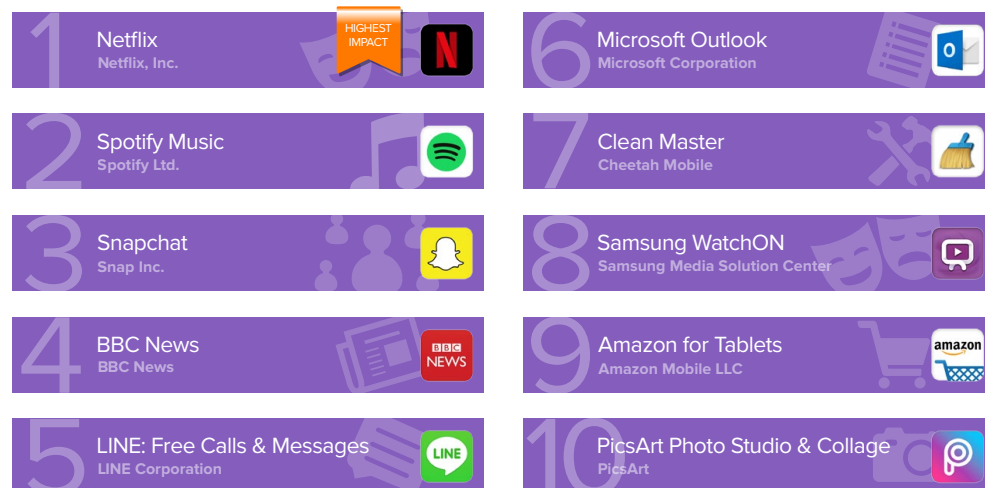Some apps consume your mobile data volume even if you're not actively using them. The latest top 10 list shows **Facebook** and **Instagram**, followed by **Yahoo! JAPAN** are the three biggest users of data; the **Weather Channel** also appears once again. Consider turning off these apps or removing their background activity to help manage the use of your data plan when you are not connected to Wi-Fi.

B Key Findings
Top Data Traffic Hogging Apps

TOP 10 DATA TRAFFIC HOGS RUN BY USERS

1 Netflix
Netflix, Inc.
HIGHEST IMPACT

2 Spotify Music
Spotify Ltd.

3 Snapchat
Snap Inc.

4 BBC News
BBC News

5 LINE: Free Calls & Messages
LINE Corporation

6 Microsoft Outlook
Microsoft Corporation

7 Clean Master
Cheetah Mobile

8 Samsung WatchON
Samsung Media Solution Center

9 Amazon for Tablets
Amazon Mobile LLC

10 PicsArt Photo Studio & Collage
PicsArt

CATEGORY: 📋 Communication 🎭 Entertainment 📄 Productivity 📰 Newspaper & Magazines 📷 Photography 🎵 Music & Audio 🛒 Shopping 👥 Social 🔧 Tools

Netflix is still at the top of the list of apps our users actively ran this quarter, followed by **Spotify** and **Snapchat. Amazon App for Android tablets** is also heavy on traffic so using Wi-Fi rather than your data plan is advised.

💡 **TIP** Movie and TV enthusiasts can use the offline option to download shows or movies at home and take them with them on the go.

B Key Findings
Mobile Gaming - What Gamers Should Know

TOP PERFORMANCE-DRAINING APPS - GAMES

1	Candy Crush Saga — King — HIGHEST IMPACT	**6**	Subway Surfers — Kiloo
2	Candy Crush Soda Saga — King	**7**	Hill Climb Racing — Fingersoft
3	Piano Tiles 2 — Cheetah Games	**8**	Clash Royale — Supercell
4	Clash of Clans — Supercell	**9**	Farm Heroes Saga — King
5	My Talking Tom — Outfit7		

CATEGORY: Strategy   Casual   Arcade   Simulation

Simple 2D games like **Candy Crush Saga** or **Soda Saga** continue to rank as highly on this list as most resource-eating games on Android. This list has barely changed since we first launched our App Report series almost 3 years ago. Two notable exceptions are **Piano Tiles 2** and **Hill Climb Racing**, which drained the battery of our test device, a Samsung Galaxy, in less than 3 ½ hours, despite the fact that the graphics are quite simple.

C Addressing the Issues
7 Ways to Boost Battery Life, Free Up Storage and Reduce Mobile Data Traffic

Here are 7 easy steps to help you boost battery life, stop storage eaters and save mobile traffic.

We've put together a comprehensive guide for all consumers and businesses looking to address the issues outlined in this report.

Click **here** to download the full PDF guide.

✓ Limit notifications to save battery life, performance and mobile data

Phone notifications are one of the most useful mobile inventions, giving you information you need to know about new appointments or messages at a glance. But not all of them are useful, and they can consume resources.

✓ Limit apps battery and performance drain

Reduce background features, refresh intervals, location usage or in-app notifications.

✓ Free up space

Apps collect clutter over time. Use **AVG Cleaner for Android**, an Avast product, to get rid of temporary files.

✓ Reduce data traffic

Turn off background data transfers or any offline reading features within your app if you don't want it to consume mobile traffic.

✓ Turn off Wi-Fi, Bluetooth and GPS

To save more battery life, turn off all the hardware features you don't need at any given moment.

✓ Turn down brightness

If you're not in bright sunlight, we recommend turning down the brightness level of your phone's display. Why? On many of today's big phones and tablets, the display is responsible for up to 80% of the entire power consumption.

✓ Get rid of performance-sapping apps

Our **AVG Cleaner for Android** app analyzes the top battery, storage, and traffic-hogging apps on your device. If you don't need one of these apps, you can easily uninstall it and look for more resource-friendly alternatives.

More information and resources on how to get the most out of your connected devices at: blog.avast.com. Or visit our websites for more details about our performance products: avast.com/battery-saver and avg.com/performance

Avast Software (www.avast.com), the global leader in digital security products for consumers and businesses, protects over 400 million people online. Avast offers products under the Avast and AVG brands, that protect people from threats on the internet with one of the most advanced threat detection networks in the world. Avast digital security products for Mobile, PC or Mac are top-ranked and certified by VB100, AV-Comparatives, AV-Test, OPSWAT, ICSA Labs, West Coast Labs and others.

Contact
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Appendix
App Resource
Consumption Analysis

D

In this section, you can find the app resource consumption analysis for the United States and the United Kingdom. We used the same methods to calculate the rankings as before, but this time only took into account performance data of users from these specific countries.

D Appendix
USA

TOP PERFORMANCE DRAINING APPS - EXCLUDING GAMES

1. **Samsung AllShare**
Samsung Electronics Co., Ltd.
HIGHEST IMPACT

2. **Samsung WatchON**
Samsung Media Solution Center

3. **ChatOn Voice & Video Chat**
Samsung Electronics Co., Ltd.

4. **Google TalkBack**
Google Inc.

5. **Samsung Push Service**
Samsung Electronics Co. Ltd.

6. **Google play Music**
Google Inc.

7. **Google Play Newsstand**
Google Inc.

8. **Beaming Service for Samsung**
Mobeam Inc.

9. **Samsung Security Policy Updates**
Samsung OTA Software Update

10. **Samsung Media Hub**
Samsung Electronics Co,. Ltd.

CATEGORY: ⬛ Social ⬛ Communication ⬛ Entertainment ⬛ Tools ⬛ Productivity ⬛ Music & Audio ⬛ Newspaper & Magazines

TOP BATTERY DRAINERS THAT RUN AT START UP

1. **Samsung AllShare**
Samsung Electronics Co., Ltd.
HIGHEST IMPACT

2. **Samsung Security Policy Updates**
Samsung OTA Software Update

3. **Beaming Service for Samsung**
Mobeam Inc.

4. **Chat On Voice & Video Chat**
Samsung Electronics Co., Ltd.

5. **Google Maps**
Google Inc.

6. **Facebook**
Facebook

7. **WhatsApp Messenger**
WhatsApp Inc.

8. **WeChat**
WeChat Tencent

9. **AppLock**
DoMobile Lab

10. **DU Battery Saver**
DU APPS STUDIO

CATEGORY: ⬛ Communication ⬛ Productivity ⬛ Tools ⬛ Social

D Appendix
USA

TOP BATTERY DRAINERS RUN BY USERS

1 Samsung WatchON
Samsung Media Solution Center
HIGHEST IMPACT

2 Video Editor
Samsung Electronics MP Lab.

3 Netflix
Netflix, Inc.

4 Spotify Music
Spotify Ltd.

5 Clean Master
Cheetah Mobile

6 Snapchat
Snap Inc.

7 LINE: Free Calls & Messages
LINE Corporation

8 Microsoft Outlook
Microsoft Corporation

9 Photo Grid
Cheetah Mobile

10 ES File Explorer File Manager
ES Global

CATEGORY: 👥 Social 🔧 Tools 📋 Productivity 🎭 Entertainment 📷 Photography 💬 Communication

TOP 10 STORAGE EATERS - EXCLUDING GAMES

1 Facebook
Facebook
HIGHEST IMPACT

2 Spotify Music
Spotify Ltd.

3 Snapchat
Snap Inc.

4 Instagram
Instagram

5 Amazon Kindle
Amazon Mobile LLC

6 LINE: Free Calls & Messages
LINE Corporstion

7 Google Search Box
Google Inc.

8 Facebook Messenger
Facebook

9 Video Editor
Samsung Electronics MP Lab.

10 Google Chrome
Google Inc.

CATEGORY: 💬 Communication 👥 Social 📖 Books & Reference 🔧 Tools 🎵 Music & Audio

D Appendix
USA

TOP 10 DATA TRAFFIC HOGS - EXCLUDING GAMES

1	Netflix Netflix, Inc.	HIGHEST IMPACT	6	Firefox Browser fast & private Mozilla
2	Facebook Facebook		7	Mobile Security & Antivirus Avast Software
3	Spotify Music Spotify Ltd.		8	The Weather Channel The Weather Channel
4	Instagram Instagram		9	Google Chrome Google inc.
5	Snapchat Snap Inc.		10	Google Maps Google Inc.

CATEGORY: Social Entertainment Weather Tools Communication Music & Audio
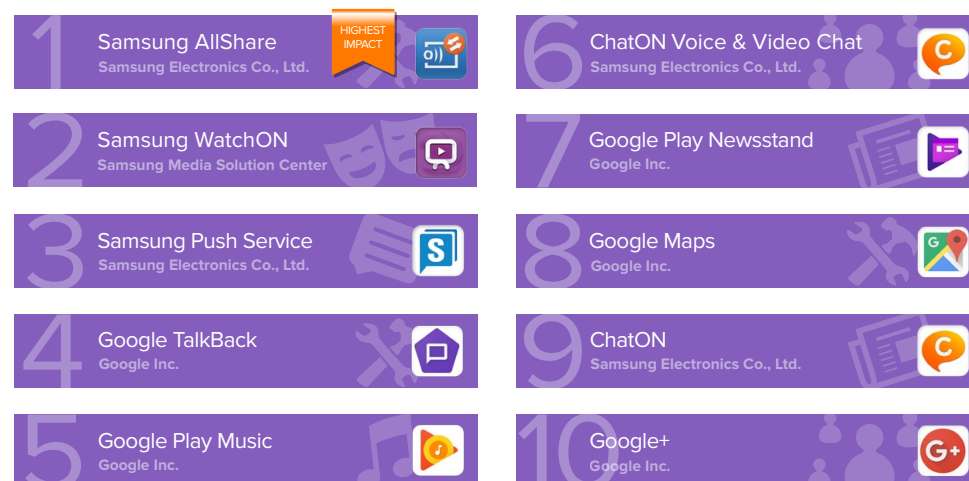
UNITED KINGDOM

TOP PERFORMANCE DRAINING APPS - EXCLUDING GAMES

1 Samsung AllShare
Samsung Electronics Co., Ltd.
HIGHEST IMPACT

2 Samsung WatchON
Samsung Media Solution Center

3 Samsung Push Service
Samsung Electronics Co., Ltd.

4 Google TalkBack
Google Inc.

5 Google Play Music
Google Inc.

6 ChatON Voice & Video Chat
Samsung Electronics Co., Ltd.

7 Google Play Newsstand
Google Inc.

8 Google Maps
Google Inc.

9 ChatON
Samsung Electronics Co., Ltd.

10 Google+
Google Inc.

CATEGORY: Social Communication Tools Newspaper & Magazines Entertainment Music & Audio

TOP BATTERY DRAINERS THAT RUN AT START UP

1 Samsung Security Policy Update
Samsung Electronics Co., Ltd.
HIGHEST IMPACT

2 Samsung AllShare
Samsung Electronics Co., Ltd.

3 Beaming Service for Samsung
Mobeam Inc.

4 ChatON Voice & Video Chat
Samsung Electronics Co., Ltd.

5 Google Maps
Google Inc.

6 Facebook
Facebook

7 WhatsApp Messenger
WhatsApp Inc.

8 WeChat
WeChat Tencent

9 Facebook Messenger
Facebook

10 AppLock
DoMobile Lab
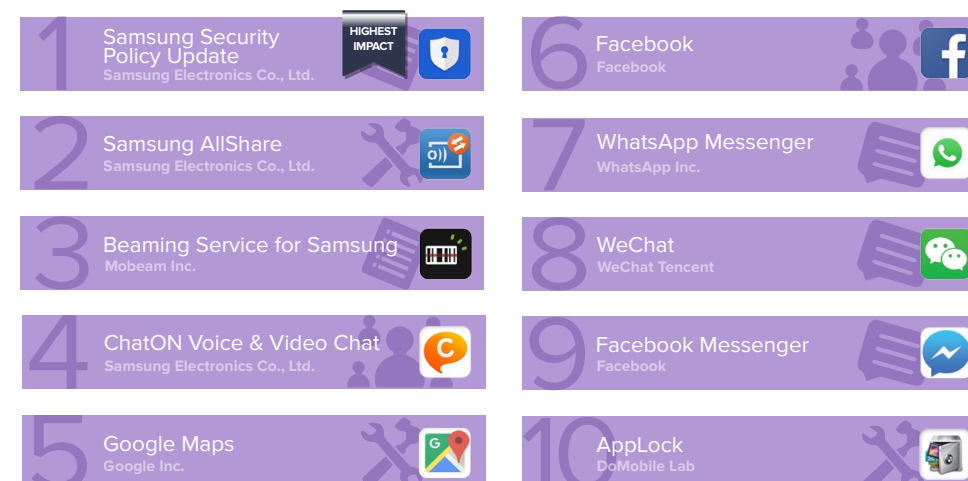
CATEGORY: Social Communication Tools Productivity

D Appendix
UNITED KINGDOM

TOP 10 BATTERY DRAINERS RUN BY USERS

1 Samsung WatchON
Samsung Media Solution Center
HIGHEST IMPACT

2 Video Editor
Samsung Electronics MP Lab.

3 Netflix
Netflix, Inc.

4 Spotify Music
Spotify Ltd.

5 Snapchat
Snap Inc.

6 Microsoft Outlook
Microsoft Corporation

7 Clean Master
Cheetah Mobile

8 LINE: Free Calls & Messages
LINE Corporation

9 BBC News
BBC News

10 Photo Grid
Cheetah Mobile
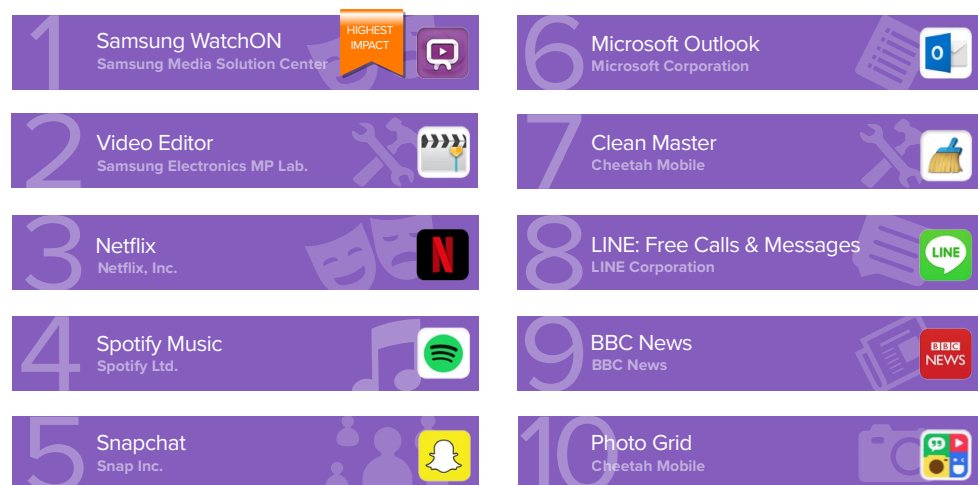
CATEGORY: Social   Tools   Entertainment   Newspaper & Magazines   Photography   Productivity   Communication

TOP STORAGE EATERS - EXCLUDING GAMES
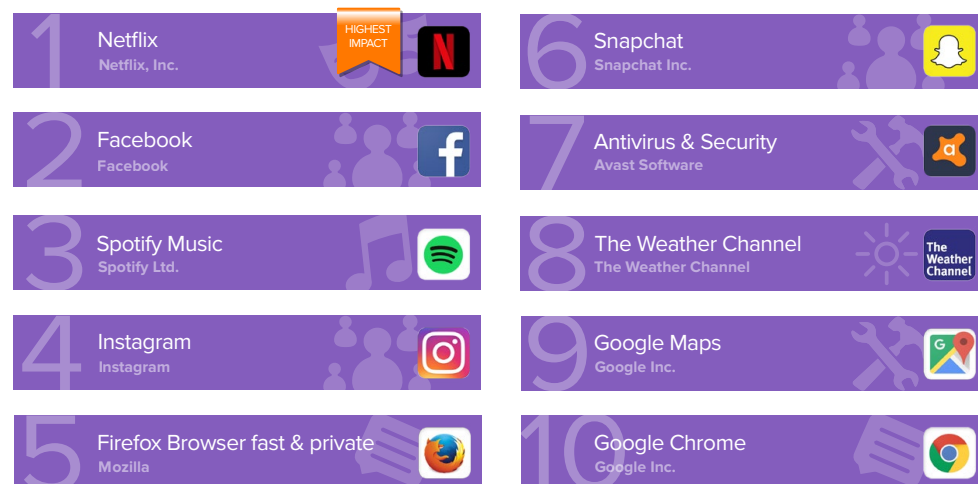
1 Facebook
Facebook
HIGHEST IMPACT

2 Spotify Music
Spotify Ltd.

3 Snapchat
Snap Inc.

4 Instagram
Instagram

5 Amazon Kindle
Amazon Mobile LLC

6 LINE: Free Calls & Messages
LINE Corporation

7 Video Editor
Samsung Electronics MP Lab.

8 Facebook Messenger
Facebook

9 Google Search Box
Google Inc.

10 Google Chrome
Google Inc.

CATEGORY: Social   Music & Audio   Communication   Books & Reference   Tools

D Appendix
UNITED KINGDOM

TOP DATA TRAFFIC HOGS - EXCLUDING GAMES

#	App		
1	**Netflix** Netflix, Inc.	HIGHEST IMPACT	
2	**Facebook** Facebook		
3	**Spotify Music** Spotify Ltd.		
4	**Instagram** Instagram		
5	**Firefox Browser fast & private** Mozilla		
6	**Snapchat** Snapchat Inc.		
7	**Antivirus & Security** Avast Software		
8	**The Weather Channel** The Weather Channel		
9	**Google Maps** Google Inc.		
10	**Google Chrome** Google Inc.		

CATEGORY: Social   Music & Audio   Communication   Tools   Weather   Entertainment

Avast® Android™ App
Performance & Trend Report

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