

## Release Notes

# UFED Physical Analyzer, UFED Logical Analyzer & Cellebrite Reader v 7.11

November 2018

- ◆ Now supporting: 26,179 device profiles
- ◆ App versions: 7,043

## Continue the fight against child exploitation

*Helping examiners contribute to Project VIC/CAID for a safer world.*

Examiners reviewing media files related to a child exploitation investigation, can now enrich the Project VIC/CAID database with new suspicious media files for the entire community to use.

Using the new export capability, you can help reduce the time law enforcement officers spend reviewing these harsh media files by exporting the hashes to Project VIC, thereby helping to enrich the database.



## Uncover more location data from Apple devices

### Recover even more significant locations from Apple devices

Do you need to identify patterns regarding frequent movement habits and locations of a suspect or victim? UFED Physical Analyzer version 7.11 can now decode recurring location information (Significant locations) gathered by Apple devices, and allow you to see the bigger picture of a suspect/victim whereabouts.



### HIGHLIGHTS

#### App support

- Now supported for Android devices, Azar app, a communication application which allows users to talk and make friends with people from over 190 countries. We can recover contact, chats and calls (presented as Instant Messages).
- 133 updated application versions for iOS and Android devices.

### FUNCTIONALITY

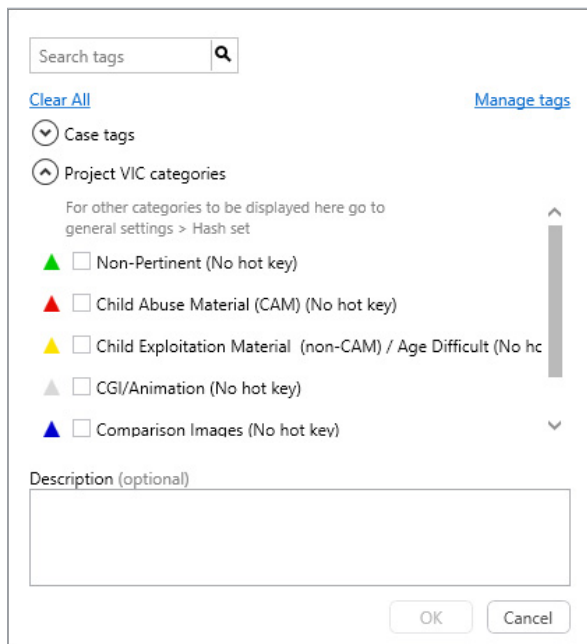
#### Contribute to project VIC/CAID by sharing manually tagged suspicious media files

Child pornography offences have exploded by more than 200% in the last decade\*. And teams investigating these crimes face not only a massive problem but unique challenges. One of them being the time spent viewing images and videos to determine if child victims have already been identified or are currently at-risk. To reduce the time, there are several innovative technologies out there that create a unique hash for media files, which can be matched against media database of known child pornography, Project VIC/CAID.

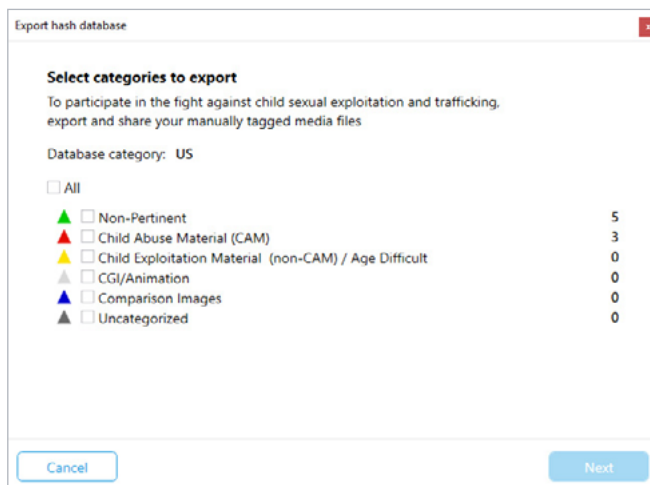
UFED Physical Analyzer 7.11 allows users to contribute to Project VIC by exporting a list of suspicious media file hashes and pushing it back into the cloud for the entire community to use.

Source: \*<https://www.cbc.ca/news/politics/sexual-offences-children-increase-statscan-1.4218870>

1. Manually tag suspicious media files using the new tags section



2. To share the manually tagged media file with Project VIC/CAID, simply create an export .JSON file format:



## Decoding of significant locations from Apple devices.

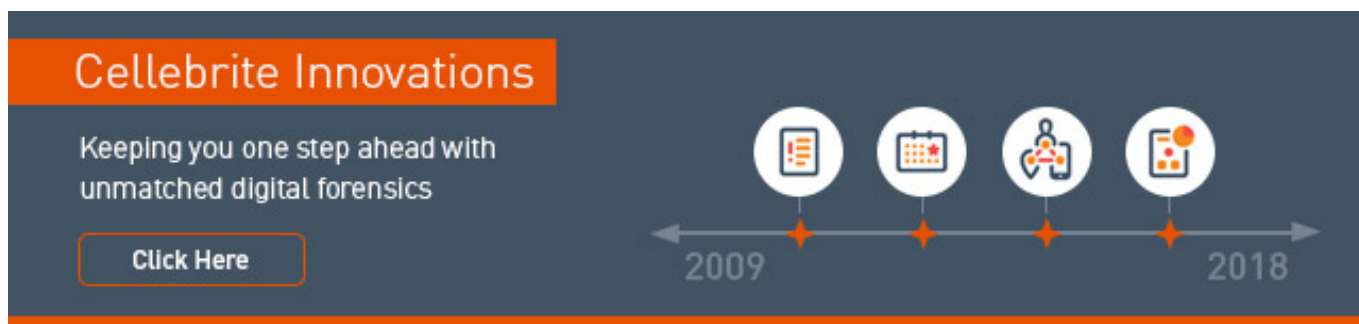
An iPhone device keeps track of places its owner has recently been. Your iPhone knows where you are and it remembers where you have been and the frequency of your visit to that location. Apple uses these locations to send you specific alerts in the Calendar, Maps, and Photos app.



This is done as a way to learn about places that are significant to the owner and recommend best routes etc . This data is kept solely on the device. Apple devices gather a lot more location data than you may have originally thought. It's a setting called "Significant Locations"; as you go about your daily routine, your Apple device makes note, almost every second, of where you are and how long you were there. When it starts detecting patterns, it marks the spot as one such " Significant location." It tracks various repeated locations regardless of time: favorite eating spots, gym, and the likes.

Examiners are seeking the maximum amount of information regarding movement habits and locations that a suspect/victim may have frequented to help identify patterns and reach at conclusions faster.

When Significant Locations setting is Switched ON, UFED Physical Analyzer can decode and presents these locations. However, Significant locations can be recovered only when performing full file system extraction of an iOS device, using Cellebrite Advanced Services. For more information visit -> [CAS](#)



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Timeline: 2009 — 2018

Icons: Document, Calendar, Person with magnifying glass, Mobile device with location pin.

## Solved Issues:

- An issue with SHA256 calculation on report generation.

## iOS: New and updated apps

69 updated apps	
Any.DO	4.20.3
ASKfm	4.22
BeeTalk	3.2.23
Booking.com	17.4
Chrome	68.0.3440.83
Ctrip (Chinese)	7.14.2
DJI GO 4	4.2.24
Dropbox	108.2
Facebook	184.0
Facebook Messenger	179.0
Flipboard	4.2.15
Garmin Connect	4.9.2
Gmail	5.0.180729
Google App	55.0
Google Docs	1.2018.30202
Google Drive	4.2018.30205
Google Duo	38.2
Google Maps	4.56
Google+	6.40.0
Grindr	3.322.2
GroupMe	5.23.0
hike messenger	5.13.0
Hot or Not	5.74.0
Inbox	1.3.180729
Instagram	58.0
InstaMessage	2.9.1
Kakao Story	5.2.0
KakaoTalk	7.3.6
Keeper	12.0.3
KeepSafe	8.15.0
Kik Messenger	14.3.0
LINE	8.11.1
LinkedIn	9.1.93
Mail.Ru	9.8
Meet24	1.7.61

MeetMe	13.0.0
Musical.ly	8.1.0
Navitel Navigator	9.9.601
Odnoklassniki	7.19.1
OkCupid	20.0.0
Opera Mini	16.0.12
Pinterest	6.64
QQ	7.6.9
QQ Browser	8.7.1
Runtastic	8.7.1
SayHi	7.06
Skout	5.8.2
Skype	8.27
Snapchat	10.38.0.25
Soma	2.0.3
Taxify	Cl.3.49
Text Free Ultra Texting	11.22
Text Me Up	3.13.1
Text Me!	3.13.1
Text Now	8.33.0
Tinder	9.5.0
Truecaller	9.13
Twitter	7.29.1
Uber	3.312.10000
Viber	9.4
Vkontakte	4.9
Waze	4.42
Weibo	8.8.1
WhatsApp	2.18.81
Whisper	8.10.6
Yandex Browser	18.7.3.52
Yandex Mail	3.6.4
Yubo	3.3.1
Zalo	180801

## Android: New and updated apps

63 updated apps	
ASKfm	4.21.1
BBM	3.3.16.536
Booking.com	15.7
Chrome	68.0.3440.91
CM Security Browser	5.22.18.0006
Dropbox	106.2.2
Expedia	18.32.0
Facebook	185.0.0.39.72
Facebook Messenger	178.0.0.27.79
Firefox	61.0.2
Fitbit	2.76.1
Flipboard	4.1.25
Gmail	8.7.15.206199545.release
Google Docs	1.18.292.07.45
Google Drive	2.18.312.01.45
Google Duo	37.1.206017801.DR37_RC14
Google Photos	3.26.0.207647160
Google Translate	5.22.0.RC04.206832067
Google+	10.11.0.205848146
Grindr	4.1.2
Hangouts	26.0.205315597
Hot or Not	5.77.2
ICQ	7.3.1(823231)
Instagram	58.0.0.12.73
Kik Messenger	14.3.2.12510
LinkedIn	4.1.205
Mail.Ru	7.5.0.24869
Mappy	6.1832.16496
Meet24	1.31.3
MeetMe	13.0.2.1415
My Tracks	3.8.5
Odnoklassniki	18.8.7
OkCupid	20.1.0

One Drive	5.15
Opera Mini	35.3.2254.129226
Opera Mobile	47.1.2249.129326
Outlook.com	2.2.197
Pinterest	6.76.0
Pokemon GO	0.111.4
Private Zone – AppLock	4.9.3
Skout	5.8.3
Skype	8.28.0.41
Snapchat	10.38.5.0
Soma	2.0.3
Swarm	5.9.2
Tango	5.0.228877
Text Now	5.66.0
Threema	3.51
Tinder	9.7.0
Tumblr	11.4.0.00
Twitter	7.58.0.1053
Uber	4.222.10002
UC Browser	12.8.8.1140
Verizon Messages	6.6.7
Viber	9.4.0.6
Vkontakte	5.15
Voxer	3.18.17.21031
Waze	4.42.0.5
Weibo	8.8.1
WhatsApp	2.18.230
Whisper	9.20.3
Yandex Mail	4.3.1
Zalo	18.07.02



### Cryptographic hash values information

You can validate the integrity of Cellebrite's UFED software files by verifying their cryptographic hash values. This can help you identify whether a file has been changed from its original state.

Product	MD5	SHA-256 (Recommended)
UFED Physical Analyzer	88aa9cab66b4b64f43d08a86c0e8af67	88c50011f30a166934728c7593cd36b6b509ddeb46ac9797c08423fc717bdf94
UFED Logical Analyzer	7adfb34e1d35890b77034d1020b93c2b	4939bf6b46b812e28ce488f356ebb17d861feb1b7e051d49db45354295c72325
Cellebrite Reader	ff5ab3482dcfd42c4f0eb5a640588fae	aac809ff88680ffa999519a8fa4d4804787bc4ec9082740a728b064e3f5c3c0f